

ACA1: Data Wrangling in Excel

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- PRIMARY KEY: UNITED, CITY
- Data Wrangling Order:
 - Safety (Select)
 - Crime: filter the top 50th percentile in overall crime
 - Urban (Select)
 - Metropolitan
 - Quality (Select)
 - Average Faculty Salary
 - Percentage of full-time Faculty
 - Diversity (Exclusion)
 - Religious affiliation of the institution
 - Flag for men-only college/Flag for women-only college

1. Clean Data

First, we need to gather only the useful data before making calculations and rankings.

Before cleaning, save an original copy of the data to make sure the raw data is secured and only make change on the new copied dataset.

In CollegeScorecards.csv, highlight the columns we need:

- City
- UNITED
- INSTNM

Hide all other columns besides above.

In Table_8_Offenses_Known_to_Law_Enforcement_by_State_by_City_2019:

- Copy columns 'Violent Crime', 'Property Crime', 'Population' to a new dataset 'FBI_crime'
- Delete cities with a NULL value in Population/Violent crime/Property crime to make sure no NULL value; Delete cities with a value of over 100%
- Calculate Percentage of Violent crime and Property crime by dividing populaiton (keep 2 decimal point and in format %)
- Filter the top 50 percentile for both violent crime rate percentage and property crime percentage by deleting the lower 50 percentile cities

Table 8				
Offenses Known to Law Enforcement				
by State by City, 2019				
State	City	Population	Violent crime	Property crime
ALABAMA3	Hoover	85,670	114	1,922
ALASKA	Anchorage	287,731	3,581	12,261
Bethel	6,544	130	132	
Bristol Bay Borough	852	2	20	
Cordova	2,150	0	7	
Craig	1,313	7	20	
Dillingham	2,405	49	58	
Fairbanks	31,493	247	1,353	
Haines	2,441	9	13	
Homer	5,913	12	146	
Juneau	31,810	289	1,292	
Kenai	7,862	75	446	
Ketchikan	8,316	40	421	
Kodiak	5,947	49	190	
Kotzebue	3,272	77	83	
Nome	3,899	107	53	
North Pole	2,111	16	79	
North Slope Borough	9,801	123	72	
Palmer	7,490	21	204	
Petersburg	3,181	10	88	
Seward	2,732	9	105	
Sitka	8,512	16	168	
Skagway	1,159	1	9	

Table 8				
Soldotna	4,756	13	142	
Unalaska	4,513	7	39	
Valdez	3,816	5	40	
Wasilla	10,915	48	580	
Wrangell	2,489	2	11	

After cleaning and calculating, the dataset will look like this (part) :

Table 8						
Offenses Known to Law Enforcement						
by State by City, 2019						
State	City	Population	Violent crime	Property crime	Percentage_Violent crime	Percentage_Property crime
ALASKA	Anchorage	287,731	0	56	0.00%	0.02%
Bethel	6,544	0	28	0.00%	0.43%	
Bristol Bay Borough	852	0	15	0.00%	1.76%	
Craig	1,313	0	22	0.00%	1.68%	
Dillingham	2,405	0	21	0.00%	0.87%	
Fairbanks	31,493	0	9	0.00%	0.03%	
Haines	2,441	0	8	0.00%	0.33%	
Homer	5,913	0	10	0.00%	0.17%	
Juneau	31,810	0	24	0.00%	0.08%	
Kenai	7,862	0	28	0.00%	0.36%	
Ketchikan	8,316	0	5	0.00%	0.06%	
Kodiak	5,947	0	13	0.00%	0.22%	
Kotzebue	3,272	0	24	0.00%	0.73%	
Nome	3,899	0	12	0.00%	0.31%	
North Pole	2,111	0	16	0.00%	0.76%	
North Slope Borough	9,801	0	14	0.00%	0.14%	
Palmer	7,490	0	58	0.00%	0.77%	
Petersburg	3,181	0	8	0.00%	0.25%	
Seward	2,732	0	11	0.00%	0.40%	
Soldotna	4,756	0	19	0.00%	0.40%	
Wasilla	10,915	0	9	0.00%	0.08%	
	Avondale	87,117	0	22	0.00%	0.03%
Bullhead City	40,532	0	11	0.00%	0.03%	
Camp Verde	11,286	0	21	0.00%	0.19%	
Casa Grande5	58,366	0	25	0.00%	0.04%	
Chino Valley	12,162	0	27	0.00%	0.22%	
Coolidge5	13,138	0	23	0.00%	0.18%	
Cottonwood	12,331	0	230	0.00%	1.87%	
Douglas	15,786	0	63	0.00%	0.40%	
El Mirage	36,185	0	177	0.00%	0.49%	
Flagstaff	75,013	0	18	0.00%	0.02%	
Glendale	253,951	0	14	0.00%	0.01%	
Globe	7,323	0	13	0.00%	0.18%	

Table 8						
Goodyear	85,305	0	12	0.00%	0.01%	
Hayden	979	0	89	0.00%	9.09%	
Holbrook	5,098	0	102	0.00%	2.00%	
Huachuca City	1,723	0	65	0.00%	3.77%	
Jerome	459	0	32	0.00%	6.97%	
Kingman	30,600	0	52	0.00%	0.17%	
Marana	48,816	0	141	0.00%	0.29%	
Mesa	518,160	0	6	0.00%	0.00%	
Miami	1,768	0	54	0.00%	3.05%	
Nogales	20,112	0	128	0.00%	0.64%	
Page	7,588	0	253	0.00%	3.33%	
Parker	3,219	0	39	0.00%	1.21%	
Payson	15,760	0	55	0.00%	0.35%	
Phoenix	1,688,722	0	113	0.00%	0.01%	
Pinetop-Lakeside	4,452	0	132	0.00%	2.96%	
Prescott	43,781	0	98	0.00%	0.22%	
Safford	9,916	0	145	0.00%	1.46%	
Show Low	11,401	0	205	0.00%	1.80%	
Sierra Vista	44,310	4	59	0.01%	0.13%	
Snowflake-Taylor	10,173	2	5	0.02%	0.05%	
St. Johns	3,520	2	1	0.06%	0.03%	
Tempe	196,499	3	53	0.00%	0.03%	
Tolleson	7,399	27	183	0.36%	2.47%	
Tucson	548,374	1	0	0.00%	0.00%	
Willcox	3,507	2	12	0.06%	0.34%	
Williams	3,251	1	52	0.03%	1.60%	
Winslow	9,393	10	35	0.11%	0.37%	
Yuma	98,769	7	127	0.01%	0.13%	

2. Combining the Data

Create a new dataset named 'College_data'

Import columns **'UNITID', 'INSTNM', 'CITY'** from **CollegeScorecards.csv** into **'College_data'**.

Use **'City'** as index to match data between **CollegeScorecards.csv** and **FBI_crime** using **VLOOKUP**, adding two columns 'Percentage_Violent crime' and 'Percentage_Property crime'

UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime
100654	Alabama A & M University	Normal	0.003585106	0.019555121
100663	University of Alabama at Birmingham	Birmingham	0.001506308	0.004330635
100690	Amridge University	Montgomery	0.00891049	0.034021871
100706	University of Alabama in Huntsville	Huntsville	0.049102927	0.366383381
100724	Alabama State University	Montgomery	0.00891049	0.034021871
100751	The University of Alabama	Tuscaloosa	0.002562788	0.010251153
100760	Central Alabama Community College	Alexander City	#N/A	#N/A
100812	Athens State University	Athens	0	0.000194626
100830	Auburn University at Montgomery	Montgomery	0.00891049	0.034021871
100858	Auburn University	Auburn University	0	0.000194626

UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime
100937	Birmingham Southern College	Birmingham	0.001506308	0.004330635
101028	Chattahoochee Valley Community College	Phenix City	0.000588106	0.004974393
101073	Concordia College Alabama	Selma	0.002180476	0.005702784
101116	South University-Montgomery	Montgomery	0.00891049	0.034021871
101143	Enterprise State Community College	Enterprise	0.001947691	0.004451864
101161	James H Faulkner State Community College	Bay Minette	0.000538949	0.001782679
101189	Faulkner University	Montgomery	0.00891049	0.034021871
101240	Gadsden State Community College	Gadsden	0.002337055	0.162035835
101277	New Beginning College of Cosmetology	Alberville	#N/A	#N/A

After matching values, delete rows with value #N/A.

(Only partial dataset was shown)

UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime
100654	Alabama A & M University	Normal	0.003585106	0.019555121
100663	University of Alabama at Birmingham	Birmingham	0.001506308	0.004330635
100690	Amridge University	Montgomery	0.00891049	0.034021871
100706	University of Alabama in Huntsville	Huntsville	0.049102927	0.366383381
100724	Alabama State University	Montgomery	0.00891049	0.034021871
100751	The University of Alabama	Tuscaloosa	0.002562788	0.010251153
100812	Athens State University	Athens	0	0.000194626
100830	Auburn University at Montgomery	Montgomery	0.00891049	0.034021871
100858	Auburn University	Auburn University	0	0.000194626
100937	Birmingham Southern College	Birmingham	0.001506308	0.004330635
101028	Chattahoochee Valley Community College	Phenix City	0.000588106	0.004974393
101073	Concordia College Alabama	Selma	0.002180476	0.005702784
101116	South University-Montgomery	Montgomery	0.00891049	0.034021871
101143	Enterprise State Community College	Enterprise	0.001947691	0.004451864
101161	James H Faulkner State Community College	Bay Minette	0.000538949	0.001782679
101189	Faulkner University	Montgomery	0.00891049	0.034021871
101240	Gadsden State Community College	Gadsden	0.002337055	0.162035835
101286	George C Wallace State Community College-Dothan	Dothan	0.001986755	0.01192053
101295	George C Wallace State Community College-Hanceville	Hanceville	0.008264463	0.025974026

Import a new criteria **'Metropolitan'** by finding the index 'LOCALE' in **CollegeScorecard.csv**

According to **CollegeScorecardDataDictionary.csv**, 'City: Large (population of 250,000 or more)' has a value of 11.

Filter college with LOCALE value of 11 and delete all others

Create a new column 'LOCALE_11' in College_data

Use VLOOKUP to move LOCALE value by matching UNITED

After transferring data into LOCALE_11, remove all data with #N/A value (58 schools deleted)

(Only partial dataset was shown)

UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11
102553	University of Alaska Anchorage	Anchorage	0	0.000194626	11
102580	Alaska Bible College	Palmer	0.011467509	0.094648496	11
102614	University of Alaska Fairbanks	Fairbanks	0.001947691	0.004451864	11
102632	University of Alaska Southeast	Juneau	0.000552977	0.006260492	11

UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11
102669	Alaska Pacific University	Anchorage	0	0.000194626	11
102711	AVTEC-Alaska's Institute of Technology	Seward	0.002180476	0.005702784	11
102845	Charter College-Anchorage	Anchorage	0	0.000194626	11
103361	Prince William Sound Community College	Valdez	0.043388855	0.346699568	11
103501	Alaska Career College	Anchorage	0	0.000194626	11
103644	Everest College-Phoenix	Phoenix	0.000588106	0.004974393	11
103723	Collins College	Phoenix	0.000588106	0.004974393	11
103732	Empire Beauty School-Paradise Valley	Phoenix	0.000588106	0.004974393	11
103741	Empire Beauty School-Tucson	Tucson	0.002562788	0.010251153	11
103778	Thunderbird School of Global Management	Glendale	0.00137916	0.005915871	11
103787	American Indian College of the Assemblies of God Inc	Phoenix	0.000588106	0.004974393	11
103811	American Institute of Technology	Phoenix	0.000588106	0.004974393	11
103893	Carrington College-Phoenix	Phoenix	0.000588106	0.004974393	11
103909	Carrington College-Mesa	Mesa	0.010050251	0.020100503	11
103927	Carrington College-Tucson	Tucson	0.002562788	0.010251153	11
103945	College America-Flagstaff	Flagstaff	0.005787882	0.044217332	11
103954	Arizona Academy of Beauty-East	Tucson	0.002562788	0.010251153	11
103963	Arizona Automotive Institute	Glendale	0.00137916	0.005915871	11
104090	Brookline College-Phoenix	Phoenix	0.000588106	0.004974393	11

Next, we will import indexes on the Quality, including:

- Average Faculty Salary
- Percentage of full-time Faculty

For Average Faculty Salary:

Find index for Average Faculty Salary as **AVGFACSAL**

Find column AVGFACSAL in CollegeScorecard.csv

Delete all NULL value in AVGFACSAL (empty space)

Create a new column Average_faculty_salary

Use VLOOKUP to import AVGFACSAL into College_data.xlsx

Delete schools that fails to match (#N/A) [see spreadsheet below]

UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary
102553	University of Alaska Anchorage	Anchorage	0.00%	0.02%	11	8471
102580	Alaska Bible College	Palmer	1.15%	9.46%	11	#N/A
102614	University of Alaska Fairbanks	Fairbanks	0.19%	0.45%	11	#N/A
102632	University of Alaska Southeast	Juneau	0.06%	0.63%	11	#N/A
103644	Everest College-Phoenix	Phoenix	0.06%	0.50%	11	7411
104179	University of Arizona	Tucson	0.26%	1.03%	11	10320
105145	GateWay Community College	Phoenix	0.06%	0.50%	11	8648
105154	Mesa Community College	Mesa	1.01%	2.01%	11	6779
105163	ITT Technical Institute-Tucson	Tucson	0.26%	1.03%	11	#N/A
105172	ITT Technical Institute-Tempe	Tempe	1.15%	4.49%	11	#N/A
105206	Mohave Community College	Kingman	3.63%	51.92%	11	#N/A
105215	Universal Technical Institute of Arizona Inc-Motorcycle Mechanics Institute Division	Phoenix	0.06%	0.50%	11	#N/A
105297	Dine College	Tsaile	0.26%	1.03%	11	#N/A
105330	Northern Arizona University	Flagstaff	0.58%	4.42%	11	#N/A

UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary
105349	Northland Pioneer College	Holbrook	2.36%	8.86%	11	#N/A

2. Proportion of faculty that is full-time

Find index for Proportion of faculty that is full-time as **PFTFAC**, with data type float

Find column PFTFAC in CollegeScorecard.csv, filter data to find 750 schools missing this data

Delete all NULL value in PFTFAC, a total of 750 school empty

Create a new column Proportion_full_time_faculty

Use VLOOKUP to import PFTFAC into College_data.xlsx

Delete schools that fails to match (#N/A) [see spreadsheet below]

UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty
102553	University of Alaska Anchorage	Anchorage	0.00%	0.02%	11	8471	88.52%
102580	Alaska Bible College	Palmer	1.15%	9.46%	11	#N/A	#N/A
102614	University of Alaska Fairbanks	Fairbanks	0.19%	0.45%	11	#N/A	#N/A
102632	University of Alaska Southeast	Juneau	0.06%	0.63%	11	#N/A	#N/A
103644	Everest College-Phoenix	Phoenix	0.06%	0.50%	11	7411	#N/A
104179	University of Arizona	Tucson	0.26%	1.03%	11	10320	74.78%
105145	GateWay Community College	Phoenix	0.06%	0.50%	11	8648	100.00%
105154	Mesa Community College	Mesa	1.01%	2.01%	11	6779	99.44%
105163	ITT Technical Institute-Tucson	Tucson	0.26%	1.03%	11	#N/A	#N/A
105172	ITT Technical Institute-Tempe	Tempe	1.15%	4.49%	11	#N/A	#N/A
105206	Mohave Community College	Kingman	3.63%	51.92%	11	#N/A	#N/A
105215	Universal Technical Institute of Arizona Inc-Motorcycle Mechanics Institute Division	Phoenix	0.06%	0.50%	11	#N/A	#N/A
105297	Dine College	Tsaile	0.26%	1.03%	11	#N/A	#N/A
105330	Northern Arizona University	Flagstaff	0.58%	4.42%	11	#N/A	#N/A
105349	Northland Pioneer College	Holbrook	2.36%	8.86%	11	#N/A	#N/A
105428	Phoenix College	Phoenix	0.06%	0.50%	11	8904	100.00%
105482	Cortiva Institute-Scottsdale	Scottsdale	5.15%	12.77%	11	#N/A	#N/A
105516	University of Phoenix-Phoenix Campus	Tempe	1.15%	4.49%	11	#N/A	#N/A

After matching both indexes, there are 521 schools left

Then, we filter schools in the upper 50 percentage for both Average_faculty_salary and Proportion_full_time_faculty

Now, there are 341 schools left:

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty
1	102553	University of Alaska Anchorage	Anchorage	0.00%	0.02%	11	8471	88.52%
2	104179	University of Arizona	Tucson	0.26%	1.03%	11	10320	74.78%
3	105145	GateWay Community College	Phoenix	0.06%	0.50%	11	8648	100.00%
4	105154	Mesa Community College	Mesa	1.01%	2.01%	11	6779	99.44%
5	105428	Phoenix College	Phoenix	0.06%	0.50%	11	8904	100.00%
6	105792	South Mountain Community College	Phoenix	0.06%	0.50%	11	8758	100.00%
7	109086	American Conservatory Theater	San Francisco	5.15%	12.77%	11	8434	100.00%
8	109819	Bakersfield College	Bakersfield	0.00%	0.03%	11	8689	53.66%
9	110316	California Institute of Integral Studies	San Francisco	5.15%	12.77%	11	8395	32.00%

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty
10	110361	California Baptist University	Riverside	5.15%	12.77%	11	8355	47.79%
11	110370	California College of the Arts	San Francisco	5.15%	12.77%	11	8347	15.72%
12	110398	University of California-Hastings College of Law	San Francisco	5.15%	12.77%	11	12941	98.63%
13	110468	Alliant International University	San Diego	5.15%	12.77%	11	8051	78.26%
14	110486	California State University-Bakersfield	Bakersfield	0.00%	0.03%	11	8122	65.12%
15	110583	California State University-Long Beach	Long Beach	1.94%	4.92%	11	8671	50.29%
16	110592	California State University-Los Angeles	Los Angeles	1.94%	4.92%	11	8767	49.96%
17	110608	California State University-Northridge	Northridge	1.15%	9.46%	11	8395	46.02%
18	110617	California State University-Sacramento	Sacramento	5.15%	12.77%	11	8364	48.94%
19	110662	University of California-Los Angeles	Los Angeles	1.94%	4.92%	11	15089	70.82%
20	110671	University of California-Riverside	Riverside	5.15%	12.77%	11	11324	82.40%
21	110680	University of California-San Diego	La Jolla	3.63%	51.92%	11	13126	83.44%
22	110699	University of California-San Francisco	San Francisco	5.15%	12.77%	11	11593	58.91%
23	111391	California Western School of Law	San Diego	5.15%	12.77%	11	12654	42.20%
24	114266	Evergreen Valley College	San Jose	5.15%	12.77%	11	9471	34.59%
25	114789	Fresno City College	Fresno	2.38%	14.43%	11	8390	37.97%
26	114813	Fresno Pacific University	Fresno	2.38%	14.43%	11	6562	84.03%
27	115083	Golden Gate University-San Francisco	San Francisco	5.15%	12.77%	11	10541	100.00%
28	115773	Humphreys College-Stockton and Modesto Campuses	Stockton	0.10%	0.67%	11	8986	27.50%
29	116846	American Jewish University	Los Angeles	1.94%	4.92%	11	6231	100.00%
30	117627	La Sierra University	Riverside	5.15%	12.77%	11	7230	88.98%
31	117803	Los Angeles County College of Nursing and Allied Health	Los Angeles	1.94%	4.92%	11	8958	100.00%
32	117946	Loyola Marymount University	Los Angeles	1.94%	4.92%	11	10098	53.52%
33	118888	Mills College	Oakland	1.15%	9.46%	11	9759	53.37%
34	119605	National University	La Jolla	3.63%	51.92%	11	9703	25.72%
35	120254	Occidental College	Los Angeles	1.94%	4.92%	11	10402	72.73%
36	120403	Otis College of Art and Design	Los Angeles	1.94%	4.92%	11	6936	100.00%
37	120883	University of the Pacific	Stockton	0.10%	0.67%	11	10089	55.88%
38	121309	Point Loma Nazarene University	San Diego	5.15%	12.77%	11	9653	100.00%
39	121619	Santa Ana College	Santa Ana	5.15%	12.77%	11	9702	25.77%
40	121901	Riverside City College	Riverside	5.15%	12.77%	11	9492	33.86%
41	122296	Samuel Merritt University	Oakland	1.15%	9.46%	11	10156	33.44%

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty
42	122409	San Diego State University	San Diego	5.15%	12.77%	11	9229	54.04%
43	122436	University of San Diego	San Diego	5.15%	12.77%	11	11648	45.18%
44	122454	San Francisco Art Institute	San Francisco	5.15%	12.77%	11	8172	100.00%
45	122506	San Francisco Conservatory of Music	San Francisco	5.15%	12.77%	11	10278	100.00%
46	122597	San Francisco State University	San Francisco	5.15%	12.77%	11	9147	48.77%
47	122612	University of San Francisco	San Francisco	5.15%	12.77%	11	12409	41.35%
48	122658	San Joaquin Delta College	Stockton	0.10%	0.67%	11	9395	40.24%
49	122746	San Jose City College	San Jose	5.15%	12.77%	11	10298	25.78%
50	122755	San Jose State University	San Jose	5.15%	12.77%	11	9155	40.21%
51	123448	Trinity Law School	Santa Ana	5.15%	12.77%	11	8396	8.89%
52	123952	Southern California Institute of Architecture	Los Angeles	1.94%	4.92%	11	9878	40.58%
53	123961	University of Southern California	Los Angeles	1.94%	4.92%	11	13045	57.27%
54	123970	Southwestern Law School	Los Angeles	1.94%	4.92%	11	14404	66.36%
55	125897	Woodbury University	Burbank	0.01%	0.05%	11	9365	26.33%
56	126049	Thomas Jefferson School of Law	San Diego	5.15%	12.77%	11	14184	53.75%
57	126562	University of Colorado Denver	Denver	0.20%	1.19%	11	9364	67.23%
58	126678	Colorado College	Colorado Springs	0.12%	0.36%	11	10886	86.05%
59	126863	Community College of Aurora	Aurora	0.00%	0.02%	11	5863	100.00%
60	127060	University of Denver	Denver	0.20%	1.19%	11	8914	50.39%
61	127273	Illiff School of Theology	Denver	0.20%	1.19%	11	6575	100.00%
62	127565	Metropolitan State University of Denver	Denver	0.20%	1.19%	11	5904	100.00%
63	131159	American University	Washington	0.60%	3.85%	11	11074	57.64%
64	131283	Catholic University of America	Washington	0.60%	3.85%	11	9565	48.48%
65	131399	University of the District of Columbia	Washington	0.60%	3.85%	11	8293	43.79%
66	131450	Gallaudet University	Washington	0.60%	3.85%	11	10183	100.00%
67	131469	George Washington University	Washington	0.60%	3.85%	11	13058	48.53%
68	131496	Georgetown University	Washington	0.60%	3.85%	11	12851	53.14%
69	131520	Howard University	Washington	0.60%	3.85%	11	8566	74.95%
70	131803	Strayer University-District of Columbia	Washington	0.60%	3.85%	11	8312	8.99%
71	131876	Trinity Washington University	Washington	0.60%	3.85%	11	6264	100.00%
72	131973	Wesley Theological Seminary	Washington	0.60%	3.85%	11	8700	95.83%
73	134945	Jacksonville University	Jacksonville	0.01%	0.05%	11	6923	97.93%
74	136172	University of North Florida	Jacksonville	0.01%	0.05%	11	7279	78.89%
75	137351	University of South Florida-Main Campus	Tampa	1.15%	4.49%	11	8082	77.13%

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty
76	137847	The University of Tampa	Tampa	1.15%	4.49%	11	8424	100.00%
77	138929	Atlanta's John Marshall Law School	Atlanta	0.00%	0.02%	11	8176	53.57%
78	138947	Clark Atlanta University	Atlanta	0.00%	0.02%	11	6418	59.04%
79	139755	Georgia Institute of Technology-Main Campus	Atlanta	0.00%	0.02%	11	11230	95.68%
80	139940	Georgia State University	Atlanta	0.00%	0.02%	11	7149	97.22%
81	140146	Interdenominational Theological Center	Atlanta	0.00%	0.02%	11	6728	100.00%
82	140553	Morehouse College	Atlanta	0.00%	0.02%	11	6903	77.23%
83	141060	Spelman College	Atlanta	0.00%	0.02%	11	7514	70.40%
84	141486	Chaminade University of Honolulu	Honolulu	2.36%	8.86%	11	8006	100.00%
85	141574	University of Hawaii at Manoa	Honolulu	2.36%	8.86%	11	10360	77.77%
86	141644	Hawaii Pacific University	Honolulu	2.36%	8.86%	11	8603	40.71%
87	141680	Honolulu Community College	Honolulu	2.36%	8.86%	11	7570	66.00%
88	142832	Adler School of Professional Psychology	Chicago	0.00%	0.00%	11	7161	100.00%
89	143048	School of the Art Institute of Chicago	Chicago	0.00%	0.00%	11	9208	22.19%
90	143659	Catholic Theological Union at Chicago	Chicago	0.00%	0.00%	11	7394	100.00%
91	143978	The Chicago School of Professional Psychology at Chicago	Chicago	0.00%	0.00%	11	6680	75.42%
92	144005	Chicago State University	Chicago	0.00%	0.00%	11	7512	72.99%
93	144014	Chicago Theological Seminary	Chicago	0.00%	0.00%	11	7725	100.00%
94	144050	University of Chicago	Chicago	0.00%	0.00%	11	16589	80.76%
95	144184	City Colleges of Chicago-Harry S Truman College	Chicago	0.00%	0.00%	11	8585	24.59%
96	144193	City Colleges of Chicago-Richard J Daley College	Chicago	0.00%	0.00%	11	8501	20.14%
97	144218	City Colleges of Chicago-Wilbur Wright College	Chicago	0.00%	0.00%	11	8273	25.31%
98	144740	DePaul University	Chicago	0.00%	0.00%	11	10392	50.34%
99	145600	University of Illinois at Chicago	Chicago	0.00%	0.00%	11	9797	65.38%
100	145628	Illinois College of Optometry	Chicago	0.00%	0.00%	11	8420	61.62%
101	145725	Illinois Institute of Technology	Chicago	0.00%	0.00%	11	11256	56.34%
102	146241	The John Marshall Law School	Chicago	0.00%	0.00%	11	14818	100.00%
103	146719	Loyola University Chicago	Chicago	0.00%	0.00%	11	9432	50.19%
104	146977	McCormick Theological Seminary	Chicago	0.00%	0.00%	11	6654	100.00%
105	147536	National Louis University	Chicago	0.00%	0.00%	11	6104	87.65%
106	147679	North Park University	Chicago	0.00%	0.00%	11	7535	100.00%
107	147776	Northeastern Illinois University	Chicago	0.00%	0.00%	11	6988	64.73%
108	148511	Rush University	Chicago	0.00%	0.00%	11	11392	100.00%
109	148982	Spertus College	Chicago	0.00%	0.00%	11	9147	12.82%

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty
110	149639	VanderCook College of Music	Chicago	0.00%	0.00%	11	7625	100.00%
111	149763	Resurrection University	Chicago	0.00%	0.00%	11	7544	100.00%
112	150163	Butler University	Indianapolis	0.01%	0.05%	11	7980	100.00%
113	150215	Christian Theological Seminary	Indianapolis	0.01%	0.05%	11	8316	100.00%
114	151102	Indiana University-Purdue University-Fort Wayne	Fort Wayne	2.38%	14.43%	11	7355	93.53%
115	151263	University of Indianapolis	Indianapolis	0.01%	0.05%	11	6903	98.85%
116	151290	Indiana Institute of Technology	Fort Wayne	2.38%	14.43%	11	6965	100.00%
117	156125	Wichita State University	Wichita	415.69%	1599.96%	11	7568	92.23%
118	157085	University of Kentucky	Lexington	0.35%	2.39%	11	9614	82.06%
119	157289	University of Louisville	Louisville	8.92%	39.86%	11	9373	66.02%
120	157298	Louisville Presbyterian Theological Seminary	Louisville	8.92%	39.86%	11	6457	100.00%
121	157818	Transylvania University	Lexington	0.35%	2.39%	11	8282	83.62%
122	159373	Louisiana State University Health Sciences Center-New Orleans	New Orleans	0.36%	1.96%	11	7750	65.60%
123	159656	Loyola University New Orleans	New Orleans	0.36%	1.96%	11	8612	76.82%
124	159939	University of New Orleans	New Orleans	0.36%	1.96%	11	7448	73.03%
125	160630	Southern University at New Orleans	New Orleans	0.36%	1.96%	11	5830	71.02%
126	160755	Tulane University of Louisiana	New Orleans	0.36%	1.96%	11	10880	77.40%
127	160904	Xavier University of Louisiana	New Orleans	0.36%	1.96%	11	8252	90.11%
128	161873	University of Baltimore	Baltimore	0.00%	0.03%	11	9786	46.22%
129	162928	Johns Hopkins University	Baltimore	0.00%	0.03%	11	10922	86.37%
130	163046	Loyola University Maryland	Baltimore	0.00%	0.03%	11	8346	61.88%
131	163259	University of Maryland-Baltimore	Baltimore	0.00%	0.03%	11	10326	44.26%
132	163295	Maryland Institute College of Art	Baltimore	0.00%	0.03%	11	8764	34.21%
133	163453	Morgan State University	Baltimore	0.00%	0.03%	11	7430	86.91%
134	164748	Berklee College of Music	Boston	0.02%	0.08%	11	9480	38.51%
135	164988	Boston University	Boston	0.02%	0.08%	11	12360	62.83%
136	165662	Emerson College	Boston	0.02%	0.08%	11	9204	43.57%
137	166638	University of Massachusetts-Boston	Boston	0.02%	0.08%	11	10100	52.02%
138	166656	MCPHS University	Boston	0.02%	0.08%	11	8066	98.94%
139	166674	Massachusetts College of Art and Design	Boston	0.02%	0.08%	11	9403	81.40%
140	166869	MGH Institute of Health Professions	Boston	0.02%	0.08%	11	8014	75.89%
141	167093	New England College of Optometry	Boston	0.02%	0.08%	11	8937	71.43%
142	167215	New England School of Law	Boston	0.02%	0.08%	11	12343	34.62%
143	167358	Northeastern University	Boston	0.02%	0.08%	11	11581	74.25%

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144	167631	Roxbury Community College	Roxbury Crossing	5.15%	12.77%	11	7171	100.00%
145	168005	Suffolk University	Boston	0.02%	0.08%	11	8494	46.59%
146	168227	Wentworth Institute of Technology	Boston	0.02%	0.08%	11	8039	100.00%
147	168290	Wheelock College	Boston	0.02%	0.08%	11	6999	73.91%
148	169442	College for Creative Studies	Detroit	0.20%	1.19%	11	6882	100.00%
149	169716	University of Detroit Mercy	Detroit	0.20%	1.19%	11	8667	100.00%
150	170842	Marygrove College	Detroit	0.20%	1.19%	11	6431	83.33%
151	172644	Wayne State University	Detroit	0.20%	1.19%	11	9689	53.01%
152	173045	Augsburg College	Minneapolis	0.63%	8.57%	11	6868	94.94%
153	173896	Luther Seminary	Saint Paul	5.15%	12.77%	11	6140	100.00%
154	173902	Macalester College	Saint Paul	5.15%	12.77%	11	9450	78.95%
155	174066	University of Minnesota-Twin Cities	Minneapolis	0.63%	8.57%	11	10892	83.94%
156	174127	Minneapolis College of Art and Design	Minneapolis	0.63%	8.57%	11	6334	83.33%
157	174914	University of St Thomas	Saint Paul	5.15%	12.77%	11	9892	53.30%
158	175281	William Mitchell College of Law	Saint Paul	5.15%	12.77%	11	13140	14.75%
159	177719	Barnes-Jewish College Goldfarb School of Nursing	Saint Louis	5.15%	12.77%	11	6451	87.50%
160	178402	University of Missouri-Kansas City	Kansas City	0.00%	0.01%	11	8305	62.46%
161	178989	Research College of Nursing	Kansas City	0.00%	0.01%	11	6556	90.00%
162	179159	Saint Louis University	Saint Louis	5.15%	12.77%	11	10028	58.67%
163	179265	St Louis College of Pharmacy	Saint Louis	5.15%	12.77%	11	8029	61.21%
164	179450	Saint Luke's College of Health Sciences	Kansas City	0.00%	0.01%	11	7534	100.00%
165	181002	Creighton University	Omaha	1.15%	9.46%	11	9081	67.56%
166	181297	Nebraska Methodist College of Nursing & Allied Health	Omaha	1.15%	9.46%	11	5994	82.26%
167	181428	University of Nebraska Medical Center	Omaha	1.15%	9.46%	11	10074	82.45%
168	181464	University of Nebraska-Lincoln	Lincoln	2.17%	13.64%	11	10085	92.34%
169	181604	College of Saint Mary	Omaha	1.15%	9.46%	11	5984	100.00%
170	184481	Essex County College	Newark	0.36%	1.96%	11	7243	100.00%
171	185129	New Jersey City University	Jersey City	0.11%	1.12%	11	9101	97.98%
172	185828	New Jersey Institute of Technology	Newark	0.36%	1.96%	11	11262	63.47%
173	186399	Rutgers University-Newark	Newark	0.36%	1.96%	11	12617	59.83%
174	186432	Saint Peter's University	Jersey City	0.11%	1.12%	11	8274	43.82%
175	188340	Vaughn College of Aeronautics and Technology	Flushing	2.06%	22.42%	11	9139	100.00%

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176	189015	Bank Street College of Education	New York	0.36%	1.96%	11	9188	45.45%
177	189097	Barnard College	New York	0.36%	1.96%	11	11888	60.53%
178	189228	Berkeley College-New York	New York	0.36%	1.96%	11	7124	100.00%
179	189501	Brooklyn Law School	Brooklyn	0.06%	0.00%	11	13152	100.00%
180	189811	St Paul's School of Nursing-Queens	Rego Park	5.15%	12.77%	11	5903	100.00%
181	190150	Columbia University in the City of New York	New York	0.36%	1.96%	11	15706	53.24%
182	190372	Cooper Union for the Advancement of Science and Art	New York	0.36%	1.96%	11	11865	26.29%
183	190512	CUNY Bernard M Baruch College	New York	0.36%	1.96%	11	8651	46.24%
184	190567	CUNY City College	New York	0.36%	1.96%	11	8257	40.29%
185	190576	CUNY Graduate School and University Center	New York	0.36%	1.96%	11	10041	45.25%
186	190646	CUNY Medgar Evers College	Brooklyn	0.06%	0.00%	11	7215	66.67%
187	190682	CUNY School of Law at Queens College	Long Island City	1.94%	4.92%	11	10284	80.77%
188	191126	Fashion Institute of Technology	New York	0.36%	1.96%	11	10019	100.00%
189	191241	Fordham University	Bronx	0.06%	0.00%	11	12679	100.00%
190	192040	Jewish Theological Seminary of America	New York	0.36%	1.96%	11	8513	97.78%
191	192110	The Juilliard School	New York	0.36%	1.96%	11	8715	41.72%
192	192439	LIU Brooklyn	Brooklyn	0.06%	0.00%	11	9917	42.70%
193	192703	Manhattan College	Riverdale	5.15%	12.77%	11	9042	50.58%
194	192712	Manhattan School of Music	New York	0.36%	1.96%	11	8745	17.68%
195	192864	Marymount Manhattan College	New York	0.36%	1.96%	11	8312	100.00%
196	193654	The New School	New York	0.36%	1.96%	11	9716	19.93%
197	193821	New York Law School	New York	0.36%	1.96%	11	19029	42.13%
198	193894	New York Theological Seminary	New York	0.36%	1.96%	11	6477	100.00%
199	193900	New York University	New York	0.36%	1.96%	11	13434	40.45%
200	194073	New York College of Podiatric Medicine	New York	0.36%	1.96%	11	6683	100.00%
201	194310	Pace University-New York	New York	0.36%	1.96%	11	11627	100.00%
202	194541	Polytechnic Institute of New York University	Brooklyn	0.06%	0.00%	11	10047	100.00%
203	194578	Pratt Institute-Main	Brooklyn	0.06%	0.00%	11	9254	14.23%
204	195173	St Francis College	Brooklyn Heights	0.06%	0.00%	11	8739	25.44%
205	195544	Saint Joseph's College-New York	Brooklyn	0.06%	0.00%	11	8720	100.00%
206	195809	St John's University-New York	Queens	2.19%	13.58%	11	11777	45.38%
207	196228	SUNY College of Optometry	New York	0.36%	1.96%	11	9654	56.62%
208	196255	SUNY Downstate Medical Center	Brooklyn	0.06%	0.00%	11	11620	83.95%

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209	196291	SUNY Maritime College	Throggs Neck	1.15%	4.49%	11	6536	62.96%
210	196468	Teachers College at Columbia University	New York	0.36%	1.96%	11	12692	38.00%
211	196884	Union Theological Seminary in the City of New York	New York	0.36%	1.96%	11	6526	100.00%
212	197197	Wagner College	Staten Island	0.10%	0.67%	11	7949	100.00%
213	198598	Greensboro College	Greensboro	0.84%	8.25%	11	6025	100.00%
214	198613	Guilford College	Greensboro	0.84%	8.25%	11	6361	63.78%
215	198756	Johnson C Smith University	Charlotte	0.02%	0.20%	11	6158	60.59%
216	198950	Meredith College	Raleigh	2.19%	13.58%	11	6925	96.86%
217	199102	North Carolina A & T State University	Greensboro	0.84%	8.25%	11	8227	72.31%
218	199139	University of North Carolina at Charlotte	Charlotte	0.02%	0.20%	11	8337	72.11%
219	199148	University of North Carolina at Greensboro	Greensboro	0.84%	8.25%	11	7926	82.10%
220	199193	North Carolina State University at Raleigh	Raleigh	2.19%	13.58%	11	9774	88.13%
221	201645	Case Western Reserve University	Cleveland	0.02%	0.06%	11	10272	80.44%
222	201821	The Christ College of Nursing and Health Sciences	Cincinnati	0.02%	0.06%	11	6507	63.64%
223	201885	University of Cincinnati-Main Campus	Cincinnati	0.02%	0.06%	11	9079	46.32%
224	201928	Cincinnati State Technical and Community College	Cincinnati	0.02%	0.06%	11	7526	100.00%
225	202073	Cleveland Institute of Music	Cleveland	0.02%	0.06%	11	8192	34.82%
226	202134	Cleveland State University	Cleveland	0.02%	0.06%	11	8624	100.00%
227	202222	Columbus State Community College	Columbus	0.12%	0.36%	11	6092	100.00%
228	202912	Good Samaritan College of Nursing and Health Science	Cincinnati	0.02%	0.06%	11	6532	74.36%
229	203067	Hebrew Union College-Jewish Institute of Religion	New York	0.36%	1.96%	11	10007	50.43%
230	203960	Mercy College of Ohio	Toledo	0.26%	1.03%	11	5979	100.00%
231	204176	Mount Carmel College of Nursing	Columbus	0.12%	0.36%	11	6657	65.31%
232	204617	Ohio Dominican University	Columbus	0.12%	0.36%	11	6712	100.00%
233	204796	Ohio State University-Main Campus	Columbus	0.12%	0.36%	11	11284	65.13%
234	206084	University of Toledo	Toledo	0.26%	1.03%	11	8426	71.92%
235	207324	Oklahoma Christian University	Edmond	3.85%	20.16%	11	6581	100.00%
236	207342	University of Oklahoma-Health Sciences Center	Oklahoma City	1.15%	9.46%	11	7602	68.54%
237	207458	Oklahoma City University	Oklahoma City	1.15%	9.46%	11	7055	61.04%

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238	207582	Oral Roberts University	Tulsa	0.26%	1.03%	11	6551	63.67%
239	207935	Tulsa Community College	Tulsa	0.26%	1.03%	11	6287	100.00%
240	207971	University of Tulsa	Tulsa	0.26%	1.03%	11	9672	77.55%
241	209056	Lewis & Clark College	Portland	1.49%	12.11%	11	9221	54.22%
242	209490	Oregon Health & Science University	Portland	1.49%	12.11%	11	9663	55.78%
243	209807	Portland State University	Portland	1.49%	12.11%	11	8286	50.33%
244	209825	University of Portland	Portland	1.49%	12.11%	11	7678	59.85%
245	209922	Reed College	Portland	1.49%	12.11%	11	10092	100.00%
246	210438	University of Western States	Portland	1.49%	12.11%	11	5926	74.29%
247	210942	The Art Institute of Philadelphia	Philadelphia	0.06%	0.50%	11	9034	49.42%
248	211431	Carlow University	Pittsburgh	0.06%	0.50%	11	6870	100.00%
249	211440	Carnegie Mellon University	Pittsburgh	0.06%	0.50%	11	11055	93.24%
250	211556	Chatham University	Pittsburgh	0.06%	0.50%	11	7183	100.00%
251	211893	Curtis Institute of Music	Philadelphia	0.06%	0.50%	11	10170	1.85%
252	212054	Drexel University	Philadelphia	0.06%	0.50%	11	10246	53.58%
253	212106	Duquesne University	Pittsburgh	0.06%	0.50%	11	8863	48.49%
254	213367	La Salle University	Philadelphia	0.06%	0.50%	11	9266	41.42%
255	214883	Peirce College	Philadelphia	0.06%	0.50%	11	6679	100.00%
256	215062	University of Pennsylvania	Philadelphia	0.06%	0.50%	11	15460	72.78%
257	215099	Philadelphia University	Philadelphia	0.06%	0.50%	11	7818	100.00%
258	215105	The University of the Arts	Philadelphia	0.06%	0.50%	11	6980	100.00%
259	215132	University of the Sciences	Philadelphia	0.06%	0.50%	11	8000	64.80%
260	215293	University of Pittsburgh- Pittsburgh Campus	Pittsburgh	0.06%	0.50%	11	9533	74.78%
261	215424	Pittsburgh Theological Seminary	Pittsburgh	0.06%	0.50%	11	9135	100.00%
262	215770	Saint Joseph's University	Philadelphia	0.06%	0.50%	11	7113	100.00%
263	216339	Temple University	Philadelphia	0.06%	0.50%	11	9648	50.07%
264	216366	Thomas Jefferson University	Philadelphia	0.06%	0.50%	11	8058	91.80%
265	219639	Baptist Memorial College of Health Sciences	Memphis	1.01%	2.01%	11	6442	98.73%
266	219709	Belmont University	Nashville	3.13%	12.15%	11	8450	47.80%
267	219833	Christian Brothers University	Memphis	1.01%	2.01%	11	5988	99.07%
268	219976	Lipscomb University	Nashville	3.13%	12.15%	11	7138	98.02%
269	220862	University of Memphis	Memphis	1.01%	2.01%	11	8304	64.15%
270	220996	Middle Tennessee School of Anesthesia Inc	Madison	8.92%	39.86%	11	9334	50.00%
271	221351	Rhodes College	Memphis	1.01%	2.01%	11	8035	81.57%
272	221670	Southern College of Optometry	Memphis	1.01%	2.01%	11	8940	100.00%
273	221838	Tennessee State University	Nashville	3.13%	12.15%	11	7086	76.61%
274	221892	Trevecca Nazarene University	Nashville	3.13%	12.15%	11	6337	100.00%

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty
275	221999	Vanderbilt University	Nashville	3.13%	12.15%	11	12871	83.62%
276	223001	Austin Presbyterian Theological Seminary	Austin	0.00%	0.02%	11	8701	94.74%
277	223223	Baylor College of Medicine	Houston	0.57%	2.01%	11	10254	89.83%
278	224004	Concordia University- Texas	Austin	0.00%	0.02%	11	6269	100.00%
279	224147	Texas A & M University- Corpus Christi	Corpus Christi	0.12%	0.36%	11	7505	68.01%
280	224226	Dallas Baptist University	Dallas	0.04%	0.06%	11	7607	100.00%
281	224305	Dallas Theological Seminary	Dallas	0.04%	0.06%	11	7174	100.00%
282	224350	Del Mar College	Corpus Christi	0.12%	0.36%	11	6250	100.00%
283	225511	University of Houston	Houston	0.57%	2.01%	11	10569	87.59%
284	227757	Rice University	Houston	0.57%	2.01%	11	13468	78.13%
285	227863	University of St Thomas	Houston	0.57%	2.01%	11	6830	99.49%
286	228149	St Mary's University	San Antonio	5.15%	12.77%	11	9441	62.87%
287	228194	South Texas College of Law	Houston	0.57%	2.01%	11	15433	48.72%
288	228635	University of Texas Southwestern Medical Center	Dallas	0.04%	0.06%	11	8190	85.33%
289	228644	The University of Texas Health Science Center at San Antonio	San Antonio	5.15%	12.77%	11	6882	61.26%
290	228769	The University of Texas at Arlington	Arlington	0.00%	0.02%	11	8272	63.43%
291	228778	The University of Texas at Austin	Austin	0.00%	0.02%	11	10900	90.68%
292	228796	The University of Texas at El Paso	El Paso	0.08%	0.19%	11	8167	70.51%
293	228875	Texas Christian University	Fort Worth	2.38%	14.43%	11	10206	98.04%
294	229027	The University of Texas at San Antonio	San Antonio	5.15%	12.77%	11	9272	71.78%
295	229063	Texas Southern University	Houston	0.57%	2.01%	11	7660	75.70%
296	229160	Texas Wesleyan University	Fort Worth	2.38%	14.43%	11	6803	58.60%
297	229267	Trinity University	San Antonio	5.15%	12.77%	11	9715	79.11%
298	229300	The University of Texas Health Science Center at Houston	Houston	0.57%	2.01%	11	9121	73.68%
299	231651	Regent University	Virginia Beach	4.34%	34.67%	11	7404	94.25%
300	234173	Virginia Wesleyan College	Norfolk	0.36%	1.96%	11	7466	70.68%
301	234915	City University of Seattle	Seattle	0.13%	1.94%	11	5880	100.00%
302	235024	Cornish College of the Arts	Seattle	0.13%	1.94%	11	6171	100.00%
303	236072	Seattle Community College-North Campus	Seattle	0.13%	1.94%	11	6074	98.17%
304	236504	Seattle Community College-South Campus	Seattle	0.13%	1.94%	11	6253	98.38%
305	236513	Seattle Central College	Seattle	0.13%	1.94%	11	6194	99.34%
306	236577	Seattle Pacific University	Seattle	0.13%	1.94%	11	8258	56.27%
307	236595	Seattle University	Seattle	0.13%	1.94%	11	9051	70.77%

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty
308	236948	University of Washington-Seattle Campus	Seattle	0.13%	1.94%	11	10461	72.58%
309	239105	Marquette University	Milwaukee	0.63%	8.57%	11	9665	55.44%
310	239248	Milwaukee Area Technical College	Milwaukee	0.63%	8.57%	11	9618	39.23%
311	239318	Milwaukee School of Engineering	Milwaukee	0.63%	8.57%	11	8286	54.69%
312	240338	Wisconsin Lutheran College	Milwaukee	0.63%	8.57%	11	6106	96.05%
313	240453	University of Wisconsin-Milwaukee	Milwaukee	0.63%	8.57%	11	8037	95.99%
314	242723	Inter American University of Puerto Rico-School of Law	San Juan	5.15%	12.77%	11	7734	100.00%
315	243203	University of Puerto Rico-Medical Sciences	San Juan	5.15%	12.77%	11	7363	70.14%
316	243221	University of Puerto Rico-Rio Piedras	San Juan	5.15%	12.77%	11	7104	78.62%
317	243823	Parker University	Dallas	0.04%	0.06%	11	6150	79.10%
318	262022	Bethel Seminary-San Diego	San Diego	5.15%	12.77%	11	8772	23.81%
319	363721	University of the District of Columbia-David A Clarke School of Law	Washington	0.60%	3.85%	11	11381	63.75%
320	364016	Paradise Valley Community College	Phoenix	0.06%	0.50%	11	8707	100.00%
321	407009	Arizona State University-West	Glendale	0.14%	0.59%	11	8293	89.92%
322	409254	Erikson Institute	Chicago	0.00%	0.00%	11	7896	100.00%
323	414878	Trine University-Regional/Non-Traditional Campuses	Fort Wayne	2.38%	14.43%	11	8016	100.00%
324	414966	Phillips Theological Seminary	Tulsa	0.26%	1.03%	11	5940	100.00%
325	416801	The University of Texas MD Anderson Cancer Center	Houston	0.57%	2.01%	11	23611	77.18%
326	420574	Arizona State University-Polytechnic	Mesa	1.01%	2.01%	11	8042	94.00%
327	434715	Florida Coastal School of Law	Jacksonville	0.01%	0.05%	11	10643	100.00%
328	437316	Linfield College-School of Nursing	Portland	1.49%	12.11%	11	6058	96.55%
329	439288	Johnson & Wales University-Denver	Denver	0.20%	1.19%	11	7501	100.00%
330	441900	Nevada State College	Henderson	0.07%	0.16%	11	7570	100.00%
331	443331	West Coast University-Los Angeles	North Hollywood	0.62%	13.79%	11	8276	37.50%
332	445708	Johnson & Wales University-Charlotte	Charlotte	0.02%	0.20%	11	7843	100.00%
333	445735	Roseman University of Health Sciences	Henderson	0.07%	0.16%	11	9824	49.55%
334	448886	Arizona State University-Downtown Phoenix	Phoenix	0.06%	0.50%	11	8746	85.61%
335	450304	Brite Divinity School	Fort Worth	2.38%	14.43%	11	9001	100.00%
336	454184	The King College	New York	0.36%	1.96%	11	8189	54.55%
337	455169	Charlotte School of Law	Charlotte	0.02%	0.20%	11	8728	59.29%

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty
338	455664	The Chicago School of Professional Psychology at Los Angeles	Los Angeles	1.94%	4.92%	11	6326	100.00%
339	459745	The Chicago School of Professional Psychology at Washington DC	Washington	0.60%	3.85%	11	6350	58.82%
340	460747	Tribeca Flashpoint Media Arts Academy	Chicago	0.00%	0.00%	11	6533	95.00%
341	475565	Stella and Charles Guttman Community College	New York	0.36%	1.96%	11	6064	61.70%

Last, to consider Diversity, we select the following indexes to use exclusion method:

- Religious affiliation of the institution
- Flag for men-only college/Flag for women-only college

We will exclude schools with either 'Religious affiliation of the institution' or 'Flag for men-only college' or 'Flag for women-only college'

Find index of religious affiliation as RELAFFIL in CollegeScorecardDataDictionary.csv.

Create a new column Religion in College_data

Use VLOOKUP to match data from CollegeScorecard.csv on RELAFFIL into College_data.xlsx

Delete all schools that has non-zero value (zero means no religious affiliation)

A total of 92 schools are deleted, the new list consist of 249 schools

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
1	102553	University of Alaska Anchorage	Anchorage	0.00%	0.02%	11	8471	88.52%	0
2	104179	University of Arizona	Tucson	0.26%	1.03%	11	10320	74.78%	0
3	105145	GateWay Community College	Phoenix	0.06%	0.50%	11	8648	100.00%	0
4	105154	Mesa Community College	Mesa	1.01%	2.01%	11	6779	99.44%	0
5	105428	Phoenix College	Phoenix	0.06%	0.50%	11	8904	100.00%	0
6	105792	South Mountain Community College	Phoenix	0.06%	0.50%	11	8758	100.00%	0
7	109086	American Conservatory Theater	San Francisco	5.15%	12.77%	11	8434	100.00%	0
8	109819	Bakersfield College	Bakersfield	0.00%	0.03%	11	8689	53.66%	0
9	110316	California Institute of Integral Studies	San Francisco	5.15%	12.77%	11	8395	32.00%	0
10	110370	California College of the Arts	San Francisco	5.15%	12.77%	11	8347	15.72%	0
11	110398	University of California-Hastings College of Law	San Francisco	5.15%	12.77%	11	12941	98.63%	0
12	110468	Alliant International University	San Diego	5.15%	12.77%	11	8051	78.26%	0
13	110486	California State University-Bakersfield	Bakersfield	0.00%	0.03%	11	8122	65.12%	0
14	110583	California State University-Long Beach	Long Beach	1.94%	4.92%	11	8671	50.29%	0
15	110592	California State University-Los Angeles	Los Angeles	1.94%	4.92%	11	8767	49.96%	0

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
16	110608	California State University-Northridge	Northridge	1.15%	9.46%	11	8395	46.02%	0
17	110617	California State University-Sacramento	Sacramento	5.15%	12.77%	11	8364	48.94%	0
18	110662	University of California-Los Angeles	Los Angeles	1.94%	4.92%	11	15089	70.82%	0
19	110671	University of California-Riverside	Riverside	5.15%	12.77%	11	11324	82.40%	0
20	110680	University of California-San Diego	La Jolla	3.63%	51.92%	11	13126	83.44%	0
21	110699	University of California-San Francisco	San Francisco	5.15%	12.77%	11	11593	58.91%	0
22	111391	California Western School of Law	San Diego	5.15%	12.77%	11	12654	42.20%	0
23	114266	Evergreen Valley College	San Jose	5.15%	12.77%	11	9471	34.59%	0
24	114789	Fresno City College	Fresno	2.38%	14.43%	11	8390	37.97%	0
25	115083	Golden Gate University-San Francisco	San Francisco	5.15%	12.77%	11	10541	100.00%	0
26	115773	Humphreys College-Stockton and Modesto Campuses	Stockton	0.10%	0.67%	11	8986	27.50%	0
27	117803	Los Angeles County College of Nursing and Allied Health	Los Angeles	1.94%	4.92%	11	8958	100.00%	0
28	118888	Mills College	Oakland	1.15%	9.46%	11	9759	53.37%	0
29	119605	National University	La Jolla	3.63%	51.92%	11	9703	25.72%	0
30	120254	Occidental College	Los Angeles	1.94%	4.92%	11	10402	72.73%	0
31	120403	Otis College of Art and Design	Los Angeles	1.94%	4.92%	11	6936	100.00%	0
32	120883	University of the Pacific	Stockton	0.10%	0.67%	11	10089	55.88%	0
33	121619	Santa Ana College	Santa Ana	5.15%	12.77%	11	9702	25.77%	0
34	121901	Riverside City College	Riverside	5.15%	12.77%	11	9492	33.86%	0
35	122296	Samuel Merritt University	Oakland	1.15%	9.46%	11	10156	33.44%	0
36	122409	San Diego State University	San Diego	5.15%	12.77%	11	9229	54.04%	0
37	122454	San Francisco Art Institute	San Francisco	5.15%	12.77%	11	8172	100.00%	0
38	122506	San Francisco Conservatory of Music	San Francisco	5.15%	12.77%	11	10278	100.00%	0
39	122597	San Francisco State University	San Francisco	5.15%	12.77%	11	9147	48.77%	0
40	122658	San Joaquin Delta College	Stockton	0.10%	0.67%	11	9395	40.24%	0

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
41	122746	San Jose City College	San Jose	5.15%	12.77%	11	10298	25.78%	0
42	122755	San Jose State University	San Jose	5.15%	12.77%	11	9155	40.21%	0
43	123952	Southern California Institute of Architecture	Los Angeles	1.94%	4.92%	11	9878	40.58%	0
44	123961	University of Southern California	Los Angeles	1.94%	4.92%	11	13045	57.27%	0
45	123970	Southwestern Law School	Los Angeles	1.94%	4.92%	11	14404	66.36%	0
46	125897	Woodbury University	Burbank	0.01%	0.05%	11	9365	26.33%	0
47	126049	Thomas Jefferson School of Law	San Diego	5.15%	12.77%	11	14184	53.75%	0
48	126562	University of Colorado Denver	Denver	0.20%	1.19%	11	9364	67.23%	0
49	126678	Colorado College	Colorado Springs	0.12%	0.36%	11	10886	86.05%	0
50	126863	Community College of Aurora	Aurora	0.00%	0.02%	11	5863	100.00%	0
51	127060	University of Denver	Denver	0.20%	1.19%	11	8914	50.39%	0
52	127565	Metropolitan State University of Denver	Denver	0.20%	1.19%	11	5904	100.00%	0
53	131399	University of the District of Columbia	Washington	0.60%	3.85%	11	8293	43.79%	0
54	131450	Gallaudet University	Washington	0.60%	3.85%	11	10183	100.00%	0
55	131469	George Washington University	Washington	0.60%	3.85%	11	13058	48.53%	0
56	131520	Howard University	Washington	0.60%	3.85%	11	8566	74.95%	0
57	131803	Strayer University-District of Columbia	Washington	0.60%	3.85%	11	8312	8.99%	0
58	134945	Jacksonville University	Jacksonville	0.01%	0.05%	11	6923	97.93%	0
59	136172	University of North Florida	Jacksonville	0.01%	0.05%	11	7279	78.89%	0
60	137351	University of South Florida-Main Campus	Tampa	1.15%	4.49%	11	8082	77.13%	0
61	137847	The University of Tampa	Tampa	1.15%	4.49%	11	8424	100.00%	0
62	138929	Atlanta's John Marshall Law School	Atlanta	0.00%	0.02%	11	8176	53.57%	0
63	139755	Georgia Institute of Technology-Main Campus	Atlanta	0.00%	0.02%	11	11230	95.68%	0
64	139940	Georgia State University	Atlanta	0.00%	0.02%	11	7149	97.22%	0
65	140553	Morehouse College	Atlanta	0.00%	0.02%	11	6903	77.23%	0

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
66	141060	Spelman College	Atlanta	0.00%	0.02%	11	7514	70.40%	0
67	141574	University of Hawaii at Manoa	Honolulu	2.36%	8.86%	11	10360	77.77%	0
68	141644	Hawaii Pacific University	Honolulu	2.36%	8.86%	11	8603	40.71%	0
69	141680	Honolulu Community College	Honolulu	2.36%	8.86%	11	7570	66.00%	0
70	142832	Adler School of Professional Psychology	Chicago	0.00%	0.00%	11	7161	100.00%	0
71	143048	School of the Art Institute of Chicago	Chicago	0.00%	0.00%	11	9208	22.19%	0
72	143978	The Chicago School of Professional Psychology at Chicago	Chicago	0.00%	0.00%	11	6680	75.42%	0
73	144005	Chicago State University	Chicago	0.00%	0.00%	11	7512	72.99%	0
74	144050	University of Chicago	Chicago	0.00%	0.00%	11	16589	80.76%	0
75	144184	City Colleges of Chicago-Harry S Truman College	Chicago	0.00%	0.00%	11	8585	24.59%	0
76	144193	City Colleges of Chicago-Richard J Daley College	Chicago	0.00%	0.00%	11	8501	20.14%	0
77	144218	City Colleges of Chicago-Wilbur Wright College	Chicago	0.00%	0.00%	11	8273	25.31%	0
78	145600	University of Illinois at Chicago	Chicago	0.00%	0.00%	11	9797	65.38%	0
79	145628	Illinois College of Optometry	Chicago	0.00%	0.00%	11	8420	61.62%	0
80	145725	Illinois Institute of Technology	Chicago	0.00%	0.00%	11	11256	56.34%	0
81	146241	The John Marshall Law School	Chicago	0.00%	0.00%	11	14818	100.00%	0
82	147536	National Louis University	Chicago	0.00%	0.00%	11	6104	87.65%	0
83	147776	Northeastern Illinois University	Chicago	0.00%	0.00%	11	6988	64.73%	0
84	148511	Rush University	Chicago	0.00%	0.00%	11	11392	100.00%	0
85	148982	Spertus College	Chicago	0.00%	0.00%	11	9147	12.82%	0
86	149639	VanderCook College of Music	Chicago	0.00%	0.00%	11	7625	100.00%	0
87	150163	Butler University	Indianapolis	0.01%	0.05%	11	7980	100.00%	0
88	151102	Indiana University-Purdue University-Fort Wayne	Fort Wayne	2.38%	14.43%	11	7355	93.53%	0
89	151290	Indiana Institute of Technology	Fort Wayne	2.38%	14.43%	11	6965	100.00%	0

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90	156125	Wichita State University	Wichita	415.69%	1599.96%	11	7568	92.23%	0
91	157085	University of Kentucky	Lexington	0.35%	2.39%	11	9614	82.06%	0
92	157289	University of Louisville	Louisville	8.92%	39.86%	11	9373	66.02%	0
93	159373	Louisiana State University Health Sciences Center-New Orleans	New Orleans	0.36%	1.96%	11	7750	65.60%	0
94	159939	University of New Orleans	New Orleans	0.36%	1.96%	11	7448	73.03%	0
95	160630	Southern University at New Orleans	New Orleans	0.36%	1.96%	11	5830	71.02%	0
96	160755	Tulane University of Louisiana	New Orleans	0.36%	1.96%	11	10880	77.40%	0
97	161873	University of Baltimore	Baltimore	0.00%	0.03%	11	9786	46.22%	0
98	162928	Johns Hopkins University	Baltimore	0.00%	0.03%	11	10922	86.37%	0
99	163259	University of Maryland-Baltimore	Baltimore	0.00%	0.03%	11	10326	44.26%	0
100	163295	Maryland Institute College of Art	Baltimore	0.00%	0.03%	11	8764	34.21%	0
101	163453	Morgan State University	Baltimore	0.00%	0.03%	11	7430	86.91%	0
102	164748	Berklee College of Music	Boston	0.02%	0.08%	11	9480	38.51%	0
103	164988	Boston University	Boston	0.02%	0.08%	11	12360	62.83%	0
104	165662	Emerson College	Boston	0.02%	0.08%	11	9204	43.57%	0
105	166638	University of Massachusetts-Boston	Boston	0.02%	0.08%	11	10100	52.02%	0
106	166656	MCPHS University	Boston	0.02%	0.08%	11	8066	98.94%	0
107	166674	Massachusetts College of Art and Design	Boston	0.02%	0.08%	11	9403	81.40%	0
108	166869	MGH Institute of Health Professions	Boston	0.02%	0.08%	11	8014	75.89%	0
109	167093	New England College of Optometry	Boston	0.02%	0.08%	11	8937	71.43%	0
110	167215	New England School of Law	Boston	0.02%	0.08%	11	12343	34.62%	0
111	167358	Northeastern University	Boston	0.02%	0.08%	11	11581	74.25%	0
112	167631	Roxbury Community College	Roxbury Crossing	5.15%	12.77%	11	7171	100.00%	0
113	168005	Suffolk University	Boston	0.02%	0.08%	11	8494	46.59%	0
114	168227	Wentworth Institute of Technology	Boston	0.02%	0.08%	11	8039	100.00%	0

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
115	168290	Wheelock College	Boston	0.02%	0.08%	11	6999	73.91%	0
116	169442	College for Creative Studies	Detroit	0.20%	1.19%	11	6882	100.00%	0
117	172644	Wayne State University	Detroit	0.20%	1.19%	11	9689	53.01%	0
118	174066	University of Minnesota-Twin Cities	Minneapolis	0.63%	8.57%	11	10892	83.94%	0
119	174127	Minneapolis College of Art and Design	Minneapolis	0.63%	8.57%	11	6334	83.33%	0
120	175281	William Mitchell College of Law	Saint Paul	5.15%	12.77%	11	13140	14.75%	0
121	177719	Barnes-Jewish College Goldfarb School of Nursing	Saint Louis	5.15%	12.77%	11	6451	87.50%	0
122	178402	University of Missouri-Kansas City	Kansas City	0.00%	0.01%	11	8305	62.46%	0
123	178989	Research College of Nursing	Kansas City	0.00%	0.01%	11	6556	90.00%	0
124	179265	St Louis College of Pharmacy	Saint Louis	5.15%	12.77%	11	8029	61.21%	0
125	179450	Saint Luke's College of Health Sciences	Kansas City	0.00%	0.01%	11	7534	100.00%	0
126	181428	University of Nebraska Medical Center	Omaha	1.15%	9.46%	11	10074	82.45%	0
127	181464	University of Nebraska-Lincoln	Lincoln	2.17%	13.64%	11	10085	92.34%	0
128	184481	Essex County College	Newark	0.36%	1.96%	11	7243	100.00%	0
129	185129	New Jersey City University	Jersey City	0.11%	1.12%	11	9101	97.98%	0
130	185828	New Jersey Institute of Technology	Newark	0.36%	1.96%	11	11262	63.47%	0
131	186399	Rutgers University-Newark	Newark	0.36%	1.96%	11	12617	59.83%	0
132	188340	Vaughn College of Aeronautics and Technology	Flushing	2.06%	22.42%	11	9139	100.00%	0
133	189015	Bank Street College of Education	New York	0.36%	1.96%	11	9188	45.45%	0
134	189097	Barnard College	New York	0.36%	1.96%	11	11888	60.53%	0
135	189228	Berkeley College-New York	New York	0.36%	1.96%	11	7124	100.00%	0
136	189501	Brooklyn Law School	Brooklyn	0.06%	0.00%	11	13152	100.00%	0
137	189811	St Paul's School of Nursing-Queens	Rego Park	5.15%	12.77%	11	5903	100.00%	0

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
138	190150	Columbia University in the City of New York	New York	0.36%	1.96%	11	15706	53.24%	0
139	190372	Cooper Union for the Advancement of Science and Art	New York	0.36%	1.96%	11	11865	26.29%	0
140	190512	CUNY Bernard M Baruch College	New York	0.36%	1.96%	11	8651	46.24%	0
141	190567	CUNY City College	New York	0.36%	1.96%	11	8257	40.29%	0
142	190576	CUNY Graduate School and University Center	New York	0.36%	1.96%	11	10041	45.25%	0
143	190646	CUNY Medgar Evers College	Brooklyn	0.06%	0.00%	11	7215	66.67%	0
144	190682	CUNY School of Law at Queens College	Long Island City	1.94%	4.92%	11	10284	80.77%	0
145	191126	Fashion Institute of Technology	New York	0.36%	1.96%	11	10019	100.00%	0
146	192110	The Juilliard School	New York	0.36%	1.96%	11	8715	41.72%	0
147	192439	LIU Brooklyn	Brooklyn	0.06%	0.00%	11	9917	42.70%	0
148	192712	Manhattan School of Music	New York	0.36%	1.96%	11	8745	17.68%	0
149	192864	Marymount Manhattan College	New York	0.36%	1.96%	11	8312	100.00%	0
150	193654	The New School	New York	0.36%	1.96%	11	9716	19.93%	0
151	193821	New York Law School	New York	0.36%	1.96%	11	19029	42.13%	0
152	193900	New York University	New York	0.36%	1.96%	11	13434	40.45%	0
153	194073	New York College of Podiatric Medicine	New York	0.36%	1.96%	11	6683	100.00%	0
154	194310	Pace University-New York	New York	0.36%	1.96%	11	11627	100.00%	0
155	194541	Polytechnic Institute of New York University	Brooklyn	0.06%	0.00%	11	10047	100.00%	0
156	194578	Pratt Institute-Main	Brooklyn	0.06%	0.00%	11	9254	14.23%	0
157	195173	St Francis College	Brooklyn Heights	0.06%	0.00%	11	8739	25.44%	0
158	195544	Saint Joseph's College-New York	Brooklyn	0.06%	0.00%	11	8720	100.00%	0
159	196228	SUNY College of Optometry	New York	0.36%	1.96%	11	9654	56.62%	0
160	196255	SUNY Downstate Medical Center	Brooklyn	0.06%	0.00%	11	11620	83.95%	0
161	196291	SUNY Maritime College	Throggs Neck	1.15%	4.49%	11	6536	62.96%	0

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
162	196468	Teachers College at Columbia University	New York	0.36%	1.96%	11	12692	38.00%	0
163	196884	Union Theological Seminary in the City of New York	New York	0.36%	1.96%	11	6526	100.00%	0
164	198756	Johnson C Smith University	Charlotte	0.02%	0.20%	11	6158	60.59%	0
165	198950	Meredith College	Raleigh	2.19%	13.58%	11	6925	96.86%	0
166	199102	North Carolina A & T State University	Greensboro	0.84%	8.25%	11	8227	72.31%	0
167	199139	University of North Carolina at Charlotte	Charlotte	0.02%	0.20%	11	8337	72.11%	0
168	199148	University of North Carolina at Greensboro	Greensboro	0.84%	8.25%	11	7926	82.10%	0
169	199193	North Carolina State University at Raleigh	Raleigh	2.19%	13.58%	11	9774	88.13%	0
170	201645	Case Western Reserve University	Cleveland	0.02%	0.06%	11	10272	80.44%	0
171	201821	The Christ College of Nursing and Health Sciences	Cincinnati	0.02%	0.06%	11	6507	63.64%	0
172	201885	University of Cincinnati-Main Campus	Cincinnati	0.02%	0.06%	11	9079	46.32%	0
173	201928	Cincinnati State Technical and Community College	Cincinnati	0.02%	0.06%	11	7526	100.00%	0
174	202073	Cleveland Institute of Music	Cleveland	0.02%	0.06%	11	8192	34.82%	0
175	202134	Cleveland State University	Cleveland	0.02%	0.06%	11	8624	100.00%	0
176	202222	Columbus State Community College	Columbus	0.12%	0.36%	11	6092	100.00%	0
177	204796	Ohio State University-Main Campus	Columbus	0.12%	0.36%	11	11284	65.13%	0
178	206084	University of Toledo	Toledo	0.26%	1.03%	11	8426	71.92%	0
179	207342	University of Oklahoma-Health Sciences Center	Oklahoma City	1.15%	9.46%	11	7602	68.54%	0
180	207935	Tulsa Community College	Tulsa	0.26%	1.03%	11	6287	100.00%	0
181	209056	Lewis & Clark College	Portland	1.49%	12.11%	11	9221	54.22%	0
182	209490	Oregon Health & Science University	Portland	1.49%	12.11%	11	9663	55.78%	0
183	209807	Portland State University	Portland	1.49%	12.11%	11	8286	50.33%	0

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
184	209922	Reed College	Portland	1.49%	12.11%	11	10092	100.00%	0
185	210438	University of Western States	Portland	1.49%	12.11%	11	5926	74.29%	0
186	210942	The Art Institute of Philadelphia	Philadelphia	0.06%	0.50%	11	9034	49.42%	0
187	211440	Carnegie Mellon University	Pittsburgh	0.06%	0.50%	11	11055	93.24%	0
188	211556	Chatham University	Pittsburgh	0.06%	0.50%	11	7183	100.00%	0
189	211893	Curtis Institute of Music	Philadelphia	0.06%	0.50%	11	10170	1.85%	0
190	212054	Drexel University	Philadelphia	0.06%	0.50%	11	10246	53.58%	0
191	214883	Peirce College	Philadelphia	0.06%	0.50%	11	6679	100.00%	0
192	215062	University of Pennsylvania	Philadelphia	0.06%	0.50%	11	15460	72.78%	0
193	215099	Philadelphia University	Philadelphia	0.06%	0.50%	11	7818	100.00%	0
194	215105	The University of the Arts	Philadelphia	0.06%	0.50%	11	6980	100.00%	0
195	215132	University of the Sciences	Philadelphia	0.06%	0.50%	11	8000	64.80%	0
196	215293	University of Pittsburgh-Pittsburgh Campus	Pittsburgh	0.06%	0.50%	11	9533	74.78%	0
197	216339	Temple University	Philadelphia	0.06%	0.50%	11	9648	50.07%	0
198	216366	Thomas Jefferson University	Philadelphia	0.06%	0.50%	11	8058	91.80%	0
199	220862	University of Memphis	Memphis	1.01%	2.01%	11	8304	64.15%	0
200	221670	Southern College of Optometry	Memphis	1.01%	2.01%	11	8940	100.00%	0
201	221838	Tennessee State University	Nashville	3.13%	12.15%	11	7086	76.61%	0
202	221999	Vanderbilt University	Nashville	3.13%	12.15%	11	12871	83.62%	0
203	223223	Baylor College of Medicine	Houston	0.57%	2.01%	11	10254	89.83%	0
204	224147	Texas A & M University-Corpus Christi	Corpus Christi	0.12%	0.36%	11	7505	68.01%	0
205	224350	Del Mar College	Corpus Christi	0.12%	0.36%	11	6250	100.00%	0
206	225511	University of Houston	Houston	0.57%	2.01%	11	10569	87.59%	0
207	227757	Rice University	Houston	0.57%	2.01%	11	13468	78.13%	0
208	228194	South Texas College of Law	Houston	0.57%	2.01%	11	15433	48.72%	0
209	228635	University of Texas Southwestern Medical Center	Dallas	0.04%	0.06%	11	8190	85.33%	0
210	228644	The University of Texas Health Science Center at San Antonio	San Antonio	5.15%	12.77%	11	6882	61.26%	0

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
211	228769	The University of Texas at Arlington	Arlington	0.00%	0.02%	11	8272	63.43%	0
212	228778	The University of Texas at Austin	Austin	0.00%	0.02%	11	10900	90.68%	0
213	228796	The University of Texas at El Paso	El Paso	0.08%	0.19%	11	8167	70.51%	0
214	229027	The University of Texas at San Antonio	San Antonio	5.15%	12.77%	11	9272	71.78%	0
215	229063	Texas Southern University	Houston	0.57%	2.01%	11	7660	75.70%	0
216	229300	The University of Texas Health Science Center at Houston	Houston	0.57%	2.01%	11	9121	73.68%	0
217	231651	Regent University	Virginia Beach	4.34%	34.67%	11	7404	94.25%	0
218	234915	City University of Seattle	Seattle	0.13%	1.94%	11	5880	100.00%	0
219	235024	Cornish College of the Arts	Seattle	0.13%	1.94%	11	6171	100.00%	0
220	236072	Seattle Community College-North Campus	Seattle	0.13%	1.94%	11	6074	98.17%	0
221	236504	Seattle Community College-South Campus	Seattle	0.13%	1.94%	11	6253	98.38%	0
222	236513	Seattle Central College	Seattle	0.13%	1.94%	11	6194	99.34%	0
223	236948	University of Washington-Seattle Campus	Seattle	0.13%	1.94%	11	10461	72.58%	0
224	239248	Milwaukee Area Technical College	Milwaukee	0.63%	8.57%	11	9618	39.23%	0
225	239318	Milwaukee School of Engineering	Milwaukee	0.63%	8.57%	11	8286	54.69%	0
226	240453	University of Wisconsin-Milwaukee	Milwaukee	0.63%	8.57%	11	8037	95.99%	0
227	242723	Inter American University of Puerto Rico-School of Law	San Juan	5.15%	12.77%	11	7734	100.00%	0
228	243203	University of Puerto Rico-Medical Sciences	San Juan	5.15%	12.77%	11	7363	70.14%	0
229	243221	University of Puerto Rico-Rio Piedras	San Juan	5.15%	12.77%	11	7104	78.62%	0
230	243823	Parker University	Dallas	0.04%	0.06%	11	6150	79.10%	0
231	363721	University of the District of Columbia-David A Clarke School of Law	Washington	0.60%	3.85%	11	11381	63.75%	0
232	364016	Paradise Valley Community College	Phoenix	0.06%	0.50%	11	8707	100.00%	0

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	LOCALE_11	Average_faculty_salary	Proportion_full_time_faculty	Religion
233	407009	Arizona State University-West	Glendale	0.14%	0.59%	11	8293	89.92%	0
234	409254	Erikson Institute	Chicago	0.00%	0.00%	11	7896	100.00%	0
235	414878	Trine University-Regional/Non-Traditional Campuses	Fort Wayne	2.38%	14.43%	11	8016	100.00%	0
236	416801	The University of Texas MD Anderson Cancer Center	Houston	0.57%	2.01%	11	23611	77.18%	0
237	420574	Arizona State University-Polytechnic	Mesa	1.01%	2.01%	11	8042	94.00%	0
238	434715	Florida Coastal School of Law	Jacksonville	0.01%	0.05%	11	10643	100.00%	0
239	439288	Johnson & Wales University-Denver	Denver	0.20%	1.19%	11	7501	100.00%	0
240	441900	Nevada State College	Henderson	0.07%	0.16%	11	7570	100.00%	0
241	443331	West Coast University-Los Angeles	North Hollywood	0.62%	13.79%	11	8276	37.50%	0
242	445708	Johnson & Wales University-Charlotte	Charlotte	0.02%	0.20%	11	7843	100.00%	0
243	445735	Roseman University of Health Sciences	Henderson	0.07%	0.16%	11	9824	49.55%	0
244	448886	Arizona State University-Downtown Phoenix	Phoenix	0.06%	0.50%	11	8746	85.61%	0
245	455169	Charlotte School of Law	Charlotte	0.02%	0.20%	11	8728	59.29%	0
246	455664	The Chicago School of Professional Psychology at Los Angeles	Los Angeles	1.94%	4.92%	11	6326	100.00%	0
247	459745	The Chicago School of Professional Psychology at Washington DC	Washington	0.60%	3.85%	11	6350	58.82%	0
248	460747	Tribeca Flashpoint Media Arts Academy	Chicago	0.00%	0.00%	11	6533	95.00%	0
249	475565	Stella and Charles Guttman Community College	New York	0.36%	1.96%	11	6064	61.70%	0

Delete the column 'Religion' after exclusion

The same process goes for 'Flag for men-only college or Flag for women-only college'

Create two columns 'men-only college ','women-only college '

The index in CollegeScorecardDataDictionary.csv is:

Flag for men-only college – **MENONLY**

Flag for women-only college – **WOMENONLY**

If both columns are zero, then the school is neither men-only nor women-only college.

After matching, none of the 249 schools is excluded, all with a value of "0".

To generate a more smaller list, we decide to narrow down the list by filtering schools both Average_faculty_salary and Proportion_full_time_faculty above the average value on each.

After filtering, we get 45 schools in the end (Not Ranked):

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	Average_faculty_salary	Proportion_full_time_faculty
1	146241	The John Marshall Law School	Chicago	0.00%	0.00%	14818	100.00%
2	189501	Brooklyn Law School	Brooklyn	0.06%	0.00%	13152	100.00%
3	194310	Pace University-New York	New York	0.36%	1.96%	11627	100.00%
4	148511	Rush University	Chicago	0.00%	0.00%	11392	100.00%
5	434715	Florida Coastal School of Law	Jacksonville	0.01%	0.05%	10643	100.00%
6	115083	Golden Gate University-San Francisco	San Francisco	5.15%	12.77%	10541	100.00%
7	122506	San Francisco Conservatory of Music	San Francisco	5.15%	12.77%	10278	100.00%
8	131450	Gallaudet University	Washington	0.60%	3.85%	10183	100.00%
9	209922	Reed College	Portland	1.49%	12.11%	10092	100.00%
10	194541	Polytechnic Institute of New York University	Brooklyn	0.06%	0.00%	10047	100.00%
11	191126	Fashion Institute of Technology	New York	0.36%	1.96%	10019	100.00%
12	188340	Vaughn College of Aeronautics and Technology	Flushing	2.06%	22.42%	9139	100.00%
13	110398	University of California-Hastings College of Law	San Francisco	5.15%	12.77%	12941	98.63%
14	139755	Georgia Institute of Technology-Main Campus	Atlanta	0.00%	0.02%	11230	95.68%
15	211440	Carnegie Mellon University	Pittsburgh	0.06%	0.50%	11055	93.24%
16	181464	University of Nebraska-Lincoln	Lincoln	2.17%	13.64%	10085	92.34%
17	228778	The University of Texas at Austin	Austin	0.00%	0.02%	10900	90.68%
18	223223	Baylor College of Medicine	Houston	0.57%	2.01%	10254	89.83%
19	199193	North Carolina State University at Raleigh	Raleigh	2.19%	13.58%	9774	88.13%
20	225511	University of Houston	Houston	0.57%	2.01%	10569	87.59%
21	162928	Johns Hopkins University	Baltimore	0.00%	0.03%	10922	86.37%
22	126678	Colorado College	Colorado Springs	0.12%	0.36%	10886	86.05%
23	196255	SUNY Downstate Medical Center	Brooklyn	0.06%	0.00%	11620	83.95%
24	174066	University of Minnesota-Twin Cities	Minneapolis	0.63%	8.57%	10892	83.94%
25	221999	Vanderbilt University	Nashville	3.13%	12.15%	12871	83.62%
26	110680	University of California-San Diego	La Jolla	3.63%	51.92%	13126	83.44%
27	181428	University of Nebraska Medical Center	Omaha	1.15%	9.46%	10074	82.45%
28	110671	University of California-Riverside	Riverside	5.15%	12.77%	11324	82.40%
29	157085	University of Kentucky	Lexington	0.35%	2.39%	9614	82.06%
30	166674	Massachusetts College of Art and Design	Boston	0.02%	0.08%	9403	81.40%
31	190682	CUNY School of Law at Queens College	Long Island City	1.94%	4.92%	10284	80.77%
32	144050	University of Chicago	Chicago	0.00%	0.00%	16589	80.76%
33	201645	Case Western Reserve University	Cleveland	0.02%	0.06%	10272	80.44%
34	227757	Rice University	Houston	0.57%	2.01%	13468	78.13%
35	141574	University of Hawaii at Manoa	Honolulu	2.36%	8.86%	10360	77.77%
36	160755	Tulane University of Louisiana	New Orleans	0.36%	1.96%	10880	77.40%
37	416801	The University of Texas MD Anderson Cancer Center	Houston	0.57%	2.01%	23611	77.18%

count	UNITID	INSTNM	CITY	Percentage_Violent crime	Percentage_Property crime	Average_faculty_salary	Proportion_full_time_faculty
38	104179	University of Arizona	Tucson	0.26%	1.03%	10320	74.78%
39	215293	University of Pittsburgh-Pittsburgh Campus	Pittsburgh	0.06%	0.50%	9533	74.78%
40	167358	Northeastern University	Boston	0.02%	0.08%	11581	74.25%
41	229300	The University of Texas Health Science Center at Houston	Houston	0.57%	2.01%	9121	73.68%
42	215062	University of Pennsylvania	Philadelphia	0.06%	0.50%	15460	72.78%
43	120254	Occidental College	Los Angeles	1.94%	4.92%	10402	72.73%
44	236948	University of Washington-Seattle Campus	Seattle	0.13%	1.94%	10461	72.58%
45	229027	The University of Texas at San Antonio	San Antonio	5.15%	12.77%	9272	71.78%