

Week 3

April 13, 2020

You are currently looking at **version 1.0** of this notebook. To download notebooks and datafiles, as well as get help on Jupyter notebooks in the Coursera platform, visit the [Jupyter Notebook FAQ](#) course resource.

1 Merging Dataframes

```
In [1]: import pandas as pd
```

```
df = pd.DataFrame([{'Name': 'Chris', 'Item Purchased': 'Sponge', 'Cost': 22.50},
                   {'Name': 'Kevyn', 'Item Purchased': 'Kitty Litter', 'Cost': 2.50},
                   {'Name': 'Filip', 'Item Purchased': 'Spoon', 'Cost': 5.00}],
                  index=['Store 1', 'Store 1', 'Store 2'])

df
```

```
Out[1]:
```

	Cost	Item Purchased	Name
Store 1	22.5	Sponge	Chris
Store 1	2.5	Kitty Litter	Kevyn
Store 2	5.0	Spoon	Filip

```
In [2]: df['Date'] = ['December 1', 'January 1', 'mid-May']
df
```

```
Out[2]:
```

	Cost	Item Purchased	Name	Date
Store 1	22.5	Sponge	Chris	December 1
Store 1	2.5	Kitty Litter	Kevyn	January 1
Store 2	5.0	Spoon	Filip	mid-May

```
In [3]: df['Delivered'] = True
df
```

```
Out[3]:
```

	Cost	Item Purchased	Name	Date	Delivered
Store 1	22.5	Sponge	Chris	December 1	True
Store 1	2.5	Kitty Litter	Kevyn	January 1	True
Store 2	5.0	Spoon	Filip	mid-May	True

```
In [4]: df['Feedback'] = ['Positive', None, 'Negative']
df
```

```
Out[4]:
```

	Cost	Item Purchased	Name	Date Delivered	Feedback
Store 1	22.5	Sponge	Chris	December 1	True Positive
Store 1	2.5	Kitty Litter	Kevyn	January 1	True None
Store 2	5.0	Spoon	Filip	mid-May	True Negative

```
In [5]: adf = df.reset_index()
adf['Date'] = pd.Series({0: 'December 1', 2: 'mid-May'})
adf
```

```
Out[5]:
```

	index	Cost	Item Purchased	Name	Date Delivered	Feedback
0	Store 1	22.5	Sponge	Chris	December 1	True Positive
1	Store 1	2.5	Kitty Litter	Kevyn	NaN	True None
2	Store 2	5.0	Spoon	Filip	mid-May	True Negative

```
In [8]: staff_df = pd.DataFrame([{'Name': 'Kelly', 'Role': 'Director of HR'},
                                {'Name': 'Sally', 'Role': 'Course liasion'},
                                {'Name': 'James', 'Role': 'Grader'}])

staff_df = staff_df.set_index('Name')
student_df = pd.DataFrame([{'Name': 'James', 'School': 'Business'},
                            {'Name': 'Mike', 'School': 'Law'},
                            {'Name': 'Sally', 'School': 'Engineering'}])

print(staff_df.head())
print()
print(student_df.head(2))
```

	Role
Name	
Kelly	Director of HR
Sally	Course liasion
James	Grader

	Name	School
0	James	Business
1	Mike	Law

```
In [9]: pd.merge(staff_df, student_df, how='outer', left_index=True, right_index=True)
```

```
Out[9]:
```

	Role	Name	School
Kelly	Director of HR	NaN	NaN
Sally	Course liasion	NaN	NaN
James	Grader	NaN	NaN
0	NaN	James	Business
1	NaN	Mike	Law
2	NaN	Sally	Engineering

```
In [15]: pd.merge(staff_df, student_df, how='inner', left_index=True, right_index=True)
```

```
Out[15]: Empty DataFrame
Columns: [Role, Name, School]
Index: []
```

```
In [13]: pd.merge(staff_df, student_df, how='left', left_index=True, right_index=True)
```

```
Out[13]:
```

	Role	Name	School
		Name	
	Kelly	Director of HR	NaN
	Sally	Course liasion	NaN
	James	Grader	NaN

```
In [14]: pd.merge(staff_df, student_df, how='right', left_index=True, right_index=True)
```

```
Out[14]:
```

	Role	Name	School
0	NaN	James	Business
1	NaN	Mike	Law
2	NaN	Sally	Engineering

```
In [16]: staff_df = staff_df.reset_index()
student_df = student_df.reset_index()
pd.merge(staff_df, student_df, how='left', left_on='Name', right_on='Name')
```

```
Out[16]:
```

	Name	Role	index	School
0	Kelly	Director of HR	NaN	NaN
1	Sally	Course liasion	2.0	Engineering
2	James	Grader	0.0	Business

```
In [17]: staff_df = pd.DataFrame([{'Name': 'Kelly', 'Role': 'Director of HR', 'Location': 'State Street'},
                                   {'Name': 'Sally', 'Role': 'Course liasion', 'Location': 'Washington Avenue'},
                                   {'Name': 'James', 'Role': 'Grader', 'Location': 'Washington Avenue'}])
student_df = pd.DataFrame([{'Name': 'James', 'School': 'Business', 'Location': '1024 Billiard Avenue'},
                             {'Name': 'Mike', 'School': 'Law', 'Location': 'Fraternity House'},
                             {'Name': 'Sally', 'School': 'Engineering', 'Location': '512 Wilson Crescent'}])
pd.merge(staff_df, student_df, how='left', left_on='Name', right_on='Name')
```

```
Out[17]:
```

	Location_x	Name	Role	Location_y	School
0	State Street	Kelly	Director of HR	NaN	NaN
1	Washington Avenue	Sally	Course liasion	512 Wilson Crescent	Engineering
2	Washington Avenue	James	Grader	1024 Billiard Avenue	Business

```
In [19]: staff_df = pd.DataFrame([{'First Name': 'Kelly', 'Last Name': 'Desjardins', 'Role': 'Director of HR', 'Location': 'State Street'},
                                   {'First Name': 'Sally', 'Last Name': 'Brooks', 'Role': 'Course liasion', 'Location': 'Washington Avenue'},
                                   {'First Name': 'James', 'Last Name': 'Wilde', 'Role': 'Grader', 'Location': 'Washington Avenue'}])
student_df = pd.DataFrame([{'First Name': 'James', 'Last Name': 'Hammond', 'School': 'Business', 'Location': '1024 Billiard Avenue'},
                             {'First Name': 'Mike', 'Last Name': 'Smith', 'School': 'Law', 'Location': 'Fraternity House'},
                             {'First Name': 'Sally', 'Last Name': 'Brooks', 'School': 'Engineering', 'Location': '512 Wilson Crescent'}])

staff_df
student_df
pd.merge(staff_df, student_df, how='inner', left_on=['First Name'], right_on=['First Name'])
```

```
Out[19]:
```

	First Name	Last Name_x	Role	Last Name_y	School
0	Sally	Brooks	Course liaison	Brooks	Engineering
1	James	Wilde	Grader	Hammond	Business

2 Idiomatic Pandas: Making Code Pandorable

```
In [39]: import pandas as pd
df = pd.read_csv('census.csv')
df.head()
```

```
Out[39]:
```

	SUMLEV	REGION	DIVISION	STATE	COUNTY	STNAME	CTYNAME	\
0	40	3	6	1	0	Alabama	Alabama	
1	50	3	6	1	1	Alabama	Autauga County	
2	50	3	6	1	3	Alabama	Baldwin County	
3	50	3	6	1	5	Alabama	Barbour County	
4	50	3	6	1	7	Alabama	Bibb County	

	CENSUS2010POP	ESTIMATESBASE2010	POPESTIMATE2010	...	\
0	4779736	4780127	4785161	...	
1	54571	54571	54660	...	
2	182265	182265	183193	...	
3	27457	27457	27341	...	
4	22915	22919	22861	...	

	RDOMESTICMIG2011	RDOMESTICMIG2012	RDOMESTICMIG2013	RDOMESTICMIG2014	\
0	0.002295	-0.193196	0.381066	0.582002	
1	7.242091	-2.915927	-3.012349	2.265971	
2	14.832960	17.647293	21.845705	19.243287	
3	-4.728132	-2.500690	-7.056824	-3.904217	
4	-5.527043	-5.068871	-6.201001	-0.177537	

	RDOMESTICMIG2015	RNETMIG2011	RNETMIG2012	RNETMIG2013	RNETMIG2014	\
0	-0.467369	1.030015	0.826644	1.383282	1.724718	
1	-2.530799	7.606016	-2.626146	-2.722002	2.592270	
2	17.197872	15.844176	18.559627	22.727626	20.317142	
3	-10.543299	-4.874741	-2.758113	-7.167664	-3.978583	
4	0.177258	-5.088389	-4.363636	-5.403729	0.754533	

	RNETMIG2015
0	0.712594
1	-2.187333
2	18.293499
3	-10.543299
4	1.107861

```
[5 rows x 100 columns]
```

```
In [36]: (df.where(df['SUMLEV']==50)
```

```
.dropna()
.set_index(['STNAME','CTYNAME'])
.rename(columns={'ESTIMATESBASE2010': 'Estimates Base 2010'})).head()
```

Out[36]:

		SUMLEV	REGION	DIVISION	STATE	COUNTY	\
STNAME	CTYNAME						
Alabama	Autauga County	50.0	3.0	6.0	1.0	1.0	
	Baldwin County	50.0	3.0	6.0	1.0	3.0	
	Barbour County	50.0	3.0	6.0	1.0	5.0	
	Bibb County	50.0	3.0	6.0	1.0	7.0	
	Blount County	50.0	3.0	6.0	1.0	9.0	

		CENSUS2010POP	Estimates Base 2010	POPESTIMATE2010	\
STNAME	CTYNAME				
Alabama	Autauga County	54571.0	54571.0	54660.0	
	Baldwin County	182265.0	182265.0	183193.0	
	Barbour County	27457.0	27457.0	27341.0	
	Bibb County	22915.0	22919.0	22861.0	
	Blount County	57322.0	57322.0	57373.0	

		POPESTIMATE2011	POPESTIMATE2012	...	\
STNAME	CTYNAME				
Alabama	Autauga County	55253.0	55175.0	...	
	Baldwin County	186659.0	190396.0	...	
	Barbour County	27226.0	27159.0	...	
	Bibb County	22733.0	22642.0	...	
	Blount County	57711.0	57776.0	...	

		RDOMESTICMIG2011	RDOMESTICMIG2012	RDOMESTICMIG2013	\
STNAME	CTYNAME				
Alabama	Autauga County	7.242091	-2.915927	-3.012349	
	Baldwin County	14.832960	17.647293	21.845705	
	Barbour County	-4.728132	-2.500690	-7.056824	
	Bibb County	-5.527043	-5.068871	-6.201001	
	Blount County	1.807375	-1.177622	-1.748766	

		RDOMESTICMIG2014	RDOMESTICMIG2015	RNETMIG2011	\
STNAME	CTYNAME				
Alabama	Autauga County	2.265971	-2.530799	7.606016	
	Baldwin County	19.243287	17.197872	15.844176	
	Barbour County	-3.904217	-10.543299	-4.874741	
	Bibb County	-0.177537	0.177258	-5.088389	
	Blount County	-2.062535	-1.369970	1.859511	

		RNETMIG2012	RNETMIG2013	RNETMIG2014	RNETMIG2015
STNAME	CTYNAME				
Alabama	Autauga County	-2.626146	-2.722002	2.592270	-2.187333
	Baldwin County	18.559627	22.727626	20.317142	18.293499

Barbour County	-2.758113	-7.167664	-3.978583	-10.543299
Bibb County	-4.363636	-5.403729	0.754533	1.107861
Blount County	-0.848580	-1.402476	-1.577232	-0.884411

[5 rows x 98 columns]

```
In [37]: df = df[df['SUMLEV']==50]
df.set_index(['STNAME','CTYNAME'], inplace=True)
df.rename(columns={'ESTIMATESBASE2010': 'Estimates Base 2010'}).head()
```

```
Out[37]:
```

		SUMLEV	REGION	DIVISION	STATE	COUNTY	\
STNAME	CTYNAME						
Alabama	Autauga County	50	3	6	1	1	
	Baldwin County	50	3	6	1	3	
	Barbour County	50	3	6	1	5	
	Bibb County	50	3	6	1	7	
	Blount County	50	3	6	1	9	

		CENSUS2010POP	Estimates Base 2010	POPESTIMATE2010	\
STNAME	CTYNAME				
Alabama	Autauga County	54571	54571	54660	
	Baldwin County	182265	182265	183193	
	Barbour County	27457	27457	27341	
	Bibb County	22915	22919	22861	
	Blount County	57322	57322	57373	

		POPESTIMATE2011	POPESTIMATE2012	...	\
STNAME	CTYNAME			...	
Alabama	Autauga County	55253	55175	...	
	Baldwin County	186659	190396	...	
	Barbour County	27226	27159	...	
	Bibb County	22733	22642	...	
	Blount County	57711	57776	...	

		RDOMESTICMIG2011	RDOMESTICMIG2012	RDOMESTICMIG2013	\
STNAME	CTYNAME				
Alabama	Autauga County	7.242091	-2.915927	-3.012349	
	Baldwin County	14.832960	17.647293	21.845705	
	Barbour County	-4.728132	-2.500690	-7.056824	
	Bibb County	-5.527043	-5.068871	-6.201001	
	Blount County	1.807375	-1.177622	-1.748766	

		RDOMESTICMIG2014	RDOMESTICMIG2015	RNETMIG2011	\
STNAME	CTYNAME				
Alabama	Autauga County	2.265971	-2.530799	7.606016	
	Baldwin County	19.243287	17.197872	15.844176	
	Barbour County	-3.904217	-10.543299	-4.874741	
	Bibb County	-0.177537	0.177258	-5.088389	

	Blount County	-2.062535	-1.369970	1.859511
		RNETMIG2012	RNETMIG2013	RNETMIG2014
STNAME	CTYNAME			
Alabama	Autauga County	-2.626146	-2.722002	2.592270
	Baldwin County	18.559627	22.727626	20.317142
	Barbour County	-2.758113	-7.167664	-3.978583
	Bibb County	-4.363636	-5.403729	0.754533
	Blount County	-0.848580	-1.402476	-1.577232
				-0.884411

[5 rows x 98 columns]

```
In [42]: import numpy as np
def min_max(row):
    data = row[['POPESTIMATE2010',
                'POPESTIMATE2011',
                'POPESTIMATE2012',
                'POPESTIMATE2013',
                'POPESTIMATE2014',
                'POPESTIMATE2015']]
    return pd.Series({'min': np.min(data), 'max': np.max(data)}).head()
```

```
In [47]: df.apply(min_max,axis=1).head() #axis for apply to all rows
```

```
Out[47]:
```

	max	min
0	4858979	4785161
1	55347	54660
2	203709	183193
3	27341	26489
4	22861	22512

```
In [49]: import numpy as np
def min_max(row):
    data = row[['POPESTIMATE2010',
                'POPESTIMATE2011',
                'POPESTIMATE2012',
                'POPESTIMATE2013',
                'POPESTIMATE2014',
                'POPESTIMATE2015']]
    row['max'] = np.max(data)
    row['min'] = np.min(data)
    return row
df.apply(min_max, axis=1).head()
```

```
Out[49]:
```

	SUMLEV	REGION	DIVISION	STATE	COUNTY	STNAME	CTYNAME \
0	40	3	6	1	0	Alabama	Alabama
1	50	3	6	1	1	Alabama	Autauga County
2	50	3	6	1	3	Alabama	Baldwin County
3	50	3	6	1	5	Alabama	Barbour County

4	50	3	6	1	7	Alabama	Bibb County
---	----	---	---	---	---	---------	-------------

	CENSUS2010POP	ESTIMATESBASE2010	POPESTIMATE2010	...	\
0	4779736	4780127	4785161	...	
1	54571	54571	54660	...	
2	182265	182265	183193	...	
3	27457	27457	27341	...	
4	22915	22919	22861	...	

	RDOMESTICMIG2013	RDOMESTICMIG2014	RDOMESTICMIG2015	RNETMIG2011	\
0	0.381066	0.582002	-0.467369	1.030015	
1	-3.012349	2.265971	-2.530799	7.606016	
2	21.845705	19.243287	17.197872	15.844176	
3	-7.056824	-3.904217	-10.543299	-4.874741	
4	-6.201001	-0.177537	0.177258	-5.088389	

	RNETMIG2012	RNETMIG2013	RNETMIG2014	RNETMIG2015	max	min
0	0.826644	1.383282	1.724718	0.712594	4858979	4785161
1	-2.626146	-2.722002	2.592270	-2.187333	55347	54660
2	18.559627	22.727626	20.317142	18.293499	203709	183193
3	-2.758113	-7.167664	-3.978583	-10.543299	27341	26489
4	-4.363636	-5.403729	0.754533	1.107861	22861	22512

[5 rows x 102 columns]

```
In [51]: rows = ['POPESTIMATE2010',
                 'POPESTIMATE2011',
                 'POPESTIMATE2012',
                 'POPESTIMATE2013',
                 'POPESTIMATE2014',
                 'POPESTIMATE2015']

df.apply(lambda x: np.max(x[rows]), axis=1).head()
```

```
Out[51]: 0    4858979
         1     55347
         2    203709
         3     27341
         4     22861
dtype: int64
```

3 Group by

```
In [3]: import pandas as pd
import numpy as np
df = pd.read_csv('census.csv')
df = df[df['SUMLEV']==50]
df
```



```

Out [3] :
SUMLEV REGION DIVISION STATE COUNTY STNAME CTYNAME \
1 50 3 6 1 1 Alabama Autauga County
2 50 3 6 1 3 Alabama Baldwin County
3 50 3 6 1 5 Alabama Barbour County
4 50 3 6 1 7 Alabama Bibb County
5 50 3 6 1 9 Alabama Blount County
6 50 3 6 1 11 Alabama Bullock County
7 50 3 6 1 13 Alabama Butler County
8 50 3 6 1 15 Alabama Calhoun County
9 50 3 6 1 17 Alabama Chambers County
10 50 3 6 1 19 Alabama Cherokee County
11 50 3 6 1 21 Alabama Chilton County
12 50 3 6 1 23 Alabama Choctaw County
13 50 3 6 1 25 Alabama Clarke County
14 50 3 6 1 27 Alabama Clay County
15 50 3 6 1 29 Alabama Cleburne County
16 50 3 6 1 31 Alabama Coffee County
17 50 3 6 1 33 Alabama Colbert County
18 50 3 6 1 35 Alabama Conecuh County
19 50 3 6 1 37 Alabama Coosa County
20 50 3 6 1 39 Alabama Covington County
21 50 3 6 1 41 Alabama Crenshaw County
22 50 3 6 1 43 Alabama Cullman County
23 50 3 6 1 45 Alabama Dale County
24 50 3 6 1 47 Alabama Dallas County
25 50 3 6 1 49 Alabama DeKalb County
26 50 3 6 1 51 Alabama Elmore County
27 50 3 6 1 53 Alabama Escambia County
28 50 3 6 1 55 Alabama Etowah County
29 50 3 6 1 57 Alabama Fayette County
30 50 3 6 1 59 Alabama Franklin County
... ... ... ... ...
3162 50 2 3 55 129 Wisconsin Washburn County
3163 50 2 3 55 131 Wisconsin Washington County
3164 50 2 3 55 133 Wisconsin Waukesha County
3165 50 2 3 55 135 Wisconsin Waupaca County
3166 50 2 3 55 137 Wisconsin Waushara County
3167 50 2 3 55 139 Wisconsin Winnebago County
3168 50 2 3 55 141 Wisconsin Wood County
3170 50 4 8 56 1 Wyoming Albany County
3171 50 4 8 56 3 Wyoming Big Horn County
3172 50 4 8 56 5 Wyoming Campbell County
3173 50 4 8 56 7 Wyoming Carbon County
3174 50 4 8 56 9 Wyoming Converse County
3175 50 4 8 56 11 Wyoming Crook County
3176 50 4 8 56 13 Wyoming Fremont County
3177 50 4 8 56 15 Wyoming Goshen County
3178 50 4 8 56 17 Wyoming Hot Springs County

```

3179	50	4	8	56	19	Wyoming	Johnson County
3180	50	4	8	56	21	Wyoming	Laramie County
3181	50	4	8	56	23	Wyoming	Lincoln County
3182	50	4	8	56	25	Wyoming	Natrona County
3183	50	4	8	56	27	Wyoming	Niobrara County
3184	50	4	8	56	29	Wyoming	Park County
3185	50	4	8	56	31	Wyoming	Platte County
3186	50	4	8	56	33	Wyoming	Sheridan County
3187	50	4	8	56	35	Wyoming	Sublette County
3188	50	4	8	56	37	Wyoming	Sweetwater County
3189	50	4	8	56	39	Wyoming	Teton County
3190	50	4	8	56	41	Wyoming	Uinta County
3191	50	4	8	56	43	Wyoming	Washakie County
3192	50	4	8	56	45	Wyoming	Weston County

	CENSUS2010POP	ESTIMATESBASE2010	POPESTIMATE2010	...	\
1	54571	54571	54660	...	
2	182265	182265	183193	...	
3	27457	27457	27341	...	
4	22915	22919	22861	...	
5	57322	57322	57373	...	
6	10914	10915	10887	...	
7	20947	20946	20944	...	
8	118572	118586	118437	...	
9	34215	34170	34098	...	
10	25989	25986	25976	...	
11	43643	43631	43665	...	
12	13859	13858	13841	...	
13	25833	25840	25767	...	
14	13932	13932	13880	...	
15	14972	14972	14973	...	
16	49948	49948	50177	...	
17	54428	54428	54514	...	
18	13228	13228	13208	...	
19	11539	11758	11758	...	
20	37765	37765	37796	...	
21	13906	13906	13853	...	
22	80406	80410	80473	...	
23	50251	50251	50358	...	
24	43820	43820	43803	...	
25	71109	71115	71142	...	
26	79303	79296	79465	...	
27	38319	38319	38309	...	
28	104430	104427	104442	...	
29	17241	17241	17231	...	
30	31704	31709	31734	...	
...	
3162	15911	15911	15930	...	

3163	131887	131885	131967	...
3164	389891	389938	390076	...
3165	52410	52410	52422	...
3166	24496	24496	24506	...
3167	166994	166994	167059	...
3168	74749	74749	74807	...
3170	36299	36299	36428	...
3171	11668	11668	11672	...
3172	46133	46133	46244	...
3173	15885	15885	15837	...
3174	13833	13833	13826	...
3175	7083	7083	7114	...
3176	40123	40123	40222	...
3177	13249	13247	13408	...
3178	4812	4812	4813	...
3179	8569	8569	8581	...
3180	91738	91881	92271	...
3181	18106	18106	18091	...
3182	75450	75450	75472	...
3183	2484	2484	2492	...
3184	28205	28205	28259	...
3185	8667	8667	8678	...
3186	29116	29116	29146	...
3187	10247	10247	10244	...
3188	43806	43806	43593	...
3189	21294	21294	21297	...
3190	21118	21118	21102	...
3191	8533	8533	8545	...
3192	7208	7208	7181	...

	RDOMESTICMIG2011	RDOMESTICMIG2012	RDOMESTICMIG2013	RDOMESTICMIG2014 \
1	7.242091	-2.915927	-3.012349	2.265971
2	14.832960	17.647293	21.845705	19.243287
3	-4.728132	-2.500690	-7.056824	-3.904217
4	-5.527043	-5.068871	-6.201001	-0.177537
5	1.807375	-1.177622	-1.748766	-2.062535
6	-30.953709	-5.180127	-1.130263	14.354290
7	-14.032727	-11.684234	-5.655413	1.085428
8	-6.155670	-4.611706	-5.524649	-4.463211
9	-2.731639	3.849092	2.872721	-2.287222
10	6.339327	1.113180	5.488706	-0.076806
11	-1.372935	-2.653369	0.480044	0.456017
12	-15.455274	-0.737028	-8.766391	-1.274984
13	-6.194363	-17.667705	-0.318345	-8.686428
14	-10.744102	-13.345130	4.902871	5.702648
15	-3.673524	-5.151880	7.345821	3.654485
16	0.377640	7.675579	-13.146535	-3.602859
17	-0.073423	1.065051	1.762390	1.835688

18	-4.861559	-7.504690	-6.107224	-14.645416
19	-33.930581	-10.291443	-4.313831	-22.958017
20	6.696899	-4.612668	0.740271	3.697932
21	1.729792	3.950156	-1.864936	3.084648
22	-1.404233	-1.019628	4.071247	5.087142
23	-10.749798	-5.277150	-15.236079	-11.979785
24	-15.635599	-11.308243	-16.745678	-9.344789
25	0.294677	-9.302391	-1.748807	0.267830
26	3.235576	0.822717	1.760531	-1.507057
27	-3.449988	-3.855889	-4.822706	-1.189831
28	-1.015919	2.062637	-1.931884	-1.726932
29	-5.015601	-0.646640	-3.725937	0.296745
30	-1.638750	-5.459394	-8.043702	-1.267849
...
3162	-6.873936	7.338289	-6.732724	3.510452
3163	-0.794876	0.785279	-2.215465	1.601149
3164	-0.765799	2.128860	0.038132	0.760109
3165	3.111756	-2.241873	6.292687	-0.441031
3166	4.930022	-2.404973	-4.097017	-4.906711
3167	0.316712	2.889873	0.833819	-2.406192
3168	-4.081523	-5.019090	-6.901200	-5.596471
3170	3.708956	2.637812	-3.544634	-3.334877
3171	4.868258	2.804930	16.815908	-8.026420
3172	-2.843479	15.601020	-5.895711	-8.550911
3173	-7.581980	-13.081441	3.178134	-2.970641
3174	-12.847499	15.493820	19.035533	-20.550587
3175	-1.544618	-4.202564	1.397819	6.378258
3176	2.747083	7.782673	-4.990688	-12.331633
3177	14.293649	3.961413	-8.079028	-7.017803
3178	3.322604	6.208609	3.095336	-6.017222
3179	4.995063	-4.058912	-0.812583	-10.715742
3180	-1.200428	15.547274	4.787847	-1.226133
3181	-9.802564	-11.566801	13.564556	6.125989
3182	7.189319	23.066162	24.322042	-0.958472
3183	-0.401849	0.806452	29.066295	-12.603387
3184	4.582951	8.057765	7.641997	-9.252437
3185	4.373094	5.392073	2.634593	6.055759
3186	0.958559	8.425487	4.546373	3.678069
3187	-23.741784	15.272374	-40.870074	-16.596273
3188	1.072643	16.243199	-5.339774	-14.252889
3189	-1.589565	0.972695	19.525929	14.143021
3190	-17.755986	-4.916350	-6.902954	-14.215862
3191	-11.637475	-0.827815	-2.013502	-17.781491
3192	-11.752361	-8.040059	12.372583	1.533635

	RDOMESTICMIG2015	RNETMIG2011	RNETMIG2012	RNETMIG2013	RNETMIG2014 \
1	-2.530799	7.606016	-2.626146	-2.722002	2.592270
2	17.197872	15.844176	18.559627	22.727626	20.317142

3	-10.543299	-4.874741	-2.758113	-7.167664	-3.978583
4	0.177258	-5.088389	-4.363636	-5.403729	0.754533
5	-1.369970	1.859511	-0.848580	-1.402476	-1.577232
6	-16.167247	-29.001673	-2.825524	1.507017	17.243790
7	-6.529805	-13.936612	-11.586865	-5.557058	1.184103
8	-3.376322	-5.791579	-4.092677	-5.062836	-3.912834
9	1.349468	-1.821092	4.701181	3.781439	-1.290228
10	-3.239866	6.416167	1.420264	5.757384	0.230419
11	-2.253483	-0.823761	-2.447504	0.868651	0.957636
12	-5.291205	-15.528177	-0.737028	-8.766391	-1.274984
13	-5.613667	-6.077488	-17.509958	-0.159172	-8.486280
14	3.912450	-10.816697	-13.345130	4.977157	5.776708
15	-3.123961	-3.673524	-5.151880	7.345821	3.654485
16	2.214774	2.166460	11.513368	-10.438741	-0.767822
17	-0.110260	0.513964	1.469035	2.276420	2.533249
18	2.684140	-4.861559	-7.504690	-6.107224	-14.645416
19	-5.387581	-34.017138	-10.380162	-4.403703	-23.049483
20	-0.316945	6.881460	-4.559952	0.793147	3.750759
21	3.439504	2.666763	5.099293	-0.502098	4.734577
22	7.915406	-1.031427	-0.634159	4.542916	5.593387
23	-5.107706	-9.575283	-0.776637	-12.640155	-9.503292
24	-14.687232	-15.727573	-11.378047	-16.792849	-9.368689
25	0.028141	1.375159	-8.656001	-1.029539	1.198187
26	2.067820	3.674511	1.558176	2.306047	-0.951175
27	1.190902	-3.397716	-3.803428	-4.769999	-1.136950
28	-2.082234	-0.632554	2.446383	-1.518596	-1.234901
29	-2.797536	-5.132243	-0.705426	-3.785079	0.237396
30	-2.401719	0.063029	-3.471291	-5.700261	1.553115
...
3162	-5.123279	-6.747809	7.464811	-6.605691	3.638104
3163	-0.434498	-0.431504	1.162817	-1.763330	2.104796
3164	-0.719858	0.102448	3.180527	1.189727	2.077633
3165	-0.480617	3.359933	-2.011937	6.561277	-0.134227
3166	-4.397793	5.174486	-2.160399	-3.810226	-4.535615
3167	-4.557985	0.842573	3.502335	1.531624	-1.545153
3168	-3.958322	-3.733590	-4.562809	-6.442917	-5.040889
3170	-9.911169	6.736119	6.433032	0.719587	1.429233
3171	5.095861	4.868258	3.144921	17.236306	-7.608378
3172	10.916963	-2.649606	15.558684	-5.916543	-8.509402
3173	-23.300971	-7.392431	-12.636926	3.623073	-2.338590
3174	-0.070403	-12.774915	16.502720	20.093063	-19.358233
3175	18.629317	-0.982939	-3.642222	2.096729	7.071547
3176	-13.673610	3.093562	8.027411	-4.747240	-12.013555
3177	-11.899450	14.886132	4.841727	-6.903896	-5.761986
3178	-5.454164	5.191569	6.001656	2.888981	-6.224712
3179	0.933652	5.227392	-4.058912	-0.812583	-10.715742
3180	0.278940	-0.973320	17.914554	6.003143	-0.207819
3181	1.555544	-9.691801	-11.566801	13.619696	6.234414

3182	-0.061057	7.689674	23.749508	25.085233	-0.110593
3183	7.492114	-0.401849	0.806452	29.066295	-12.603387
3184	-2.878980	6.486639	11.127389	10.877797	-5.585731
3185	4.662270	4.373094	4.933173	2.176403	5.598720
3186	-3.298406	2.122524	9.342778	5.523001	4.781489
3187	-22.870900	-21.092907	16.828794	-39.211861	-14.409938
3188	-14.248864	1.255221	16.243199	-5.295460	-14.075283
3189	-0.564849	0.654527	2.408578	21.160658	16.308671
3190	-12.127022	-18.136812	-5.536861	-7.521840	-14.740608
3191	1.682288	-11.990126	-1.182592	-2.250385	-18.020168
3192	6.935294	-12.032179	-8.040059	12.372583	1.533635

RNETMIG2015

1	-2.187333
2	18.293499
3	-10.543299
4	1.107861
5	-0.884411
6	-13.193961
7	-6.430868
8	-2.806406
9	2.346901
10	-2.931307
11	-1.752709
12	-5.291205
13	-5.411736
14	3.986270
15	-3.123961
16	5.350738
17	0.588052
18	2.684140
19	-5.387581
20	-0.264121
21	5.087600
22	8.417777
23	-1.998668
24	-14.711389
25	0.956790
26	2.757093
27	1.243830
28	-1.588308
29	-2.857058
30	0.442422
...	...
3162	-4.995197
3163	0.059931
3164	0.593567
3165	-0.173022

```

3166    -4.024395
3167    -3.685304
3168    -3.414223
3170    -5.166460
3171     5.513554
3172    10.978525
3173   -22.600668
3174     1.126443
3175    19.309219
3176   -13.352750
3177   -10.635133
3178    -5.663940
3179     0.933652
3180     1.673640
3181     1.662823
3182     0.793743
3183     7.492114
3184     0.856839
3185     4.207414
3186    -2.198937
3187   -20.664059
3188   -14.070195
3189     1.520747
3190   -12.606351
3191     1.441961
3192     6.935294

```

```
[3142 rows x 100 columns]
```

```

In [ ]: %%timeit -n 10
        for state in df['STNAME'].unique():
            avg = np.average(df.where(df['STNAME']==state).dropna()['CENSUS2010POP'])
            print('Counties in state ' + state + ' have an average population of ' + str(avg))

```

```

In [9]: %%timeit -n 10
        for group, frame in df.groupby('STNAME'):
            avg = np.average(frame['CENSUS2010POP'])
            print('Counties in state ' + group + ' have an average population of ' + str(avg))

```

```

Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0

```

Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875

Counties in state Connecticut have an average population of 446762.125
 Counties in state Delaware have an average population of 299311.333333
 Counties in state District of Columbia have an average population of 601723.0
 Counties in state Florida have an average population of 280616.567164
 Counties in state Georgia have an average population of 60928.6352201
 Counties in state Hawaii have an average population of 272060.2
 Counties in state Idaho have an average population of 35626.8636364
 Counties in state Illinois have an average population of 125790.509804
 Counties in state Indiana have an average population of 70476.1086957
 Counties in state Iowa have an average population of 30771.2626263
 Counties in state Kansas have an average population of 27172.552381
 Counties in state Kentucky have an average population of 36161.3916667
 Counties in state Louisiana have an average population of 70833.9375
 Counties in state Maine have an average population of 83022.5625
 Counties in state Maryland have an average population of 240564.666667
 Counties in state Massachusetts have an average population of 467687.785714
 Counties in state Michigan have an average population of 119080.0
 Counties in state Minnesota have an average population of 60964.6551724
 Counties in state Mississippi have an average population of 36186.5487805
 Counties in state Missouri have an average population of 52077.626087
 Counties in state Montana have an average population of 17668.125
 Counties in state Nebraska have an average population of 19638.0752688
 Counties in state Nevada have an average population of 158855.941176
 Counties in state New Hampshire have an average population of 131647.0
 Counties in state New Jersey have an average population of 418661.619048
 Counties in state New Mexico have an average population of 62399.3636364
 Counties in state New York have an average population of 312550.032258
 Counties in state North Carolina have an average population of 95354.83
 Counties in state North Dakota have an average population of 12690.3962264
 Counties in state Ohio have an average population of 131096.636364
 Counties in state Oklahoma have an average population of 48718.8441558
 Counties in state Oregon have an average population of 106418.722222
 Counties in state Pennsylvania have an average population of 189587.746269
 Counties in state Rhode Island have an average population of 210513.4
 Counties in state South Carolina have an average population of 100551.391304
 Counties in state South Dakota have an average population of 12336.0606061
 Counties in state Tennessee have an average population of 66801.1052632
 Counties in state Texas have an average population of 98998.2716535
 Counties in state Utah have an average population of 95306.3793103
 Counties in state Vermont have an average population of 44695.7857143
 Counties in state Virginia have an average population of 60111.2932331
 Counties in state Washington have an average population of 172424.102564
 Counties in state West Virginia have an average population of 33690.8
 Counties in state Wisconsin have an average population of 78985.9166667
 Counties in state Wyoming have an average population of 24505.4782609
 Counties in state Alabama have an average population of 71339.3432836
 Counties in state Alaska have an average population of 24490.7241379
 Counties in state Arizona have an average population of 426134.466667

Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609

Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564

Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103

Counties in state Vermont have an average population of 44695.7857143
 Counties in state Virginia have an average population of 60111.2932331
 Counties in state Washington have an average population of 172424.102564
 Counties in state West Virginia have an average population of 33690.8
 Counties in state Wisconsin have an average population of 78985.9166667
 Counties in state Wyoming have an average population of 24505.4782609
 Counties in state Alabama have an average population of 71339.3432836
 Counties in state Alaska have an average population of 24490.7241379
 Counties in state Arizona have an average population of 426134.466667
 Counties in state Arkansas have an average population of 38878.9066667
 Counties in state California have an average population of 642309.586207
 Counties in state Colorado have an average population of 78581.1875
 Counties in state Connecticut have an average population of 446762.125
 Counties in state Delaware have an average population of 299311.333333
 Counties in state District of Columbia have an average population of 601723.0
 Counties in state Florida have an average population of 280616.567164
 Counties in state Georgia have an average population of 60928.6352201
 Counties in state Hawaii have an average population of 272060.2
 Counties in state Idaho have an average population of 35626.8636364
 Counties in state Illinois have an average population of 125790.509804
 Counties in state Indiana have an average population of 70476.1086957
 Counties in state Iowa have an average population of 30771.2626263
 Counties in state Kansas have an average population of 27172.552381
 Counties in state Kentucky have an average population of 36161.3916667
 Counties in state Louisiana have an average population of 70833.9375
 Counties in state Maine have an average population of 83022.5625
 Counties in state Maryland have an average population of 240564.666667
 Counties in state Massachusetts have an average population of 467687.785714
 Counties in state Michigan have an average population of 119080.0
 Counties in state Minnesota have an average population of 60964.6551724
 Counties in state Mississippi have an average population of 36186.5487805
 Counties in state Missouri have an average population of 52077.626087
 Counties in state Montana have an average population of 17668.125
 Counties in state Nebraska have an average population of 19638.0752688
 Counties in state Nevada have an average population of 158855.941176
 Counties in state New Hampshire have an average population of 131647.0
 Counties in state New Jersey have an average population of 418661.619048
 Counties in state New Mexico have an average population of 62399.3636364
 Counties in state New York have an average population of 312550.032258
 Counties in state North Carolina have an average population of 95354.83
 Counties in state North Dakota have an average population of 12690.3962264
 Counties in state Ohio have an average population of 131096.636364
 Counties in state Oklahoma have an average population of 48718.8441558
 Counties in state Oregon have an average population of 106418.722222
 Counties in state Pennsylvania have an average population of 189587.746269
 Counties in state Rhode Island have an average population of 210513.4
 Counties in state South Carolina have an average population of 100551.391304
 Counties in state South Dakota have an average population of 12336.0606061

Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269

Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364

Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258

Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0

Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125

Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724

Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667

Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667

Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957

Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2

Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0

Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875

Counties in state Connecticut have an average population of 446762.125
 Counties in state Delaware have an average population of 299311.333333
 Counties in state District of Columbia have an average population of 601723.0
 Counties in state Florida have an average population of 280616.567164
 Counties in state Georgia have an average population of 60928.6352201
 Counties in state Hawaii have an average population of 272060.2
 Counties in state Idaho have an average population of 35626.8636364
 Counties in state Illinois have an average population of 125790.509804
 Counties in state Indiana have an average population of 70476.1086957
 Counties in state Iowa have an average population of 30771.2626263
 Counties in state Kansas have an average population of 27172.552381
 Counties in state Kentucky have an average population of 36161.3916667
 Counties in state Louisiana have an average population of 70833.9375
 Counties in state Maine have an average population of 83022.5625
 Counties in state Maryland have an average population of 240564.666667
 Counties in state Massachusetts have an average population of 467687.785714
 Counties in state Michigan have an average population of 119080.0
 Counties in state Minnesota have an average population of 60964.6551724
 Counties in state Mississippi have an average population of 36186.5487805
 Counties in state Missouri have an average population of 52077.626087
 Counties in state Montana have an average population of 17668.125
 Counties in state Nebraska have an average population of 19638.0752688
 Counties in state Nevada have an average population of 158855.941176
 Counties in state New Hampshire have an average population of 131647.0
 Counties in state New Jersey have an average population of 418661.619048
 Counties in state New Mexico have an average population of 62399.3636364
 Counties in state New York have an average population of 312550.032258
 Counties in state North Carolina have an average population of 95354.83
 Counties in state North Dakota have an average population of 12690.3962264
 Counties in state Ohio have an average population of 131096.636364
 Counties in state Oklahoma have an average population of 48718.8441558
 Counties in state Oregon have an average population of 106418.722222
 Counties in state Pennsylvania have an average population of 189587.746269
 Counties in state Rhode Island have an average population of 210513.4
 Counties in state South Carolina have an average population of 100551.391304
 Counties in state South Dakota have an average population of 12336.0606061
 Counties in state Tennessee have an average population of 66801.1052632
 Counties in state Texas have an average population of 98998.2716535
 Counties in state Utah have an average population of 95306.3793103
 Counties in state Vermont have an average population of 44695.7857143
 Counties in state Virginia have an average population of 60111.2932331
 Counties in state Washington have an average population of 172424.102564
 Counties in state West Virginia have an average population of 33690.8
 Counties in state Wisconsin have an average population of 78985.9166667
 Counties in state Wyoming have an average population of 24505.4782609
 Counties in state Alabama have an average population of 71339.3432836
 Counties in state Alaska have an average population of 24490.7241379
 Counties in state Arizona have an average population of 426134.466667

Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609

Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564

Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103

Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061

Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269

Counties in state Rhode Island have an average population of 210513.4
 Counties in state South Carolina have an average population of 100551.391304
 Counties in state South Dakota have an average population of 12336.0606061
 Counties in state Tennessee have an average population of 66801.1052632
 Counties in state Texas have an average population of 98998.2716535
 Counties in state Utah have an average population of 95306.3793103
 Counties in state Vermont have an average population of 44695.7857143
 Counties in state Virginia have an average population of 60111.2932331
 Counties in state Washington have an average population of 172424.102564
 Counties in state West Virginia have an average population of 33690.8
 Counties in state Wisconsin have an average population of 78985.9166667
 Counties in state Wyoming have an average population of 24505.4782609
 Counties in state Alabama have an average population of 71339.3432836
 Counties in state Alaska have an average population of 24490.7241379
 Counties in state Arizona have an average population of 426134.466667
 Counties in state Arkansas have an average population of 38878.9066667
 Counties in state California have an average population of 642309.586207
 Counties in state Colorado have an average population of 78581.1875
 Counties in state Connecticut have an average population of 446762.125
 Counties in state Delaware have an average population of 299311.333333
 Counties in state District of Columbia have an average population of 601723.0
 Counties in state Florida have an average population of 280616.567164
 Counties in state Georgia have an average population of 60928.6352201
 Counties in state Hawaii have an average population of 272060.2
 Counties in state Idaho have an average population of 35626.8636364
 Counties in state Illinois have an average population of 125790.509804
 Counties in state Indiana have an average population of 70476.1086957
 Counties in state Iowa have an average population of 30771.2626263
 Counties in state Kansas have an average population of 27172.552381
 Counties in state Kentucky have an average population of 36161.3916667
 Counties in state Louisiana have an average population of 70833.9375
 Counties in state Maine have an average population of 83022.5625
 Counties in state Maryland have an average population of 240564.666667
 Counties in state Massachusetts have an average population of 467687.785714
 Counties in state Michigan have an average population of 119080.0
 Counties in state Minnesota have an average population of 60964.6551724
 Counties in state Mississippi have an average population of 36186.5487805
 Counties in state Missouri have an average population of 52077.626087
 Counties in state Montana have an average population of 17668.125
 Counties in state Nebraska have an average population of 19638.0752688
 Counties in state Nevada have an average population of 158855.941176
 Counties in state New Hampshire have an average population of 131647.0
 Counties in state New Jersey have an average population of 418661.619048
 Counties in state New Mexico have an average population of 62399.3636364
 Counties in state New York have an average population of 312550.032258
 Counties in state North Carolina have an average population of 95354.83
 Counties in state North Dakota have an average population of 12690.3962264
 Counties in state Ohio have an average population of 131096.636364

Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258

Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0

Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125

Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724

Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667

Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667

Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957

Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2

Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0

Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875

Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667

Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609

Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564

Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103

Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061

Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269

Counties in state Rhode Island have an average population of 210513.4
 Counties in state South Carolina have an average population of 100551.391304
 Counties in state South Dakota have an average population of 12336.0606061
 Counties in state Tennessee have an average population of 66801.1052632
 Counties in state Texas have an average population of 98998.2716535
 Counties in state Utah have an average population of 95306.3793103
 Counties in state Vermont have an average population of 44695.7857143
 Counties in state Virginia have an average population of 60111.2932331
 Counties in state Washington have an average population of 172424.102564
 Counties in state West Virginia have an average population of 33690.8
 Counties in state Wisconsin have an average population of 78985.9166667
 Counties in state Wyoming have an average population of 24505.4782609
 Counties in state Alabama have an average population of 71339.3432836
 Counties in state Alaska have an average population of 24490.7241379
 Counties in state Arizona have an average population of 426134.466667
 Counties in state Arkansas have an average population of 38878.9066667
 Counties in state California have an average population of 642309.586207
 Counties in state Colorado have an average population of 78581.1875
 Counties in state Connecticut have an average population of 446762.125
 Counties in state Delaware have an average population of 299311.333333
 Counties in state District of Columbia have an average population of 601723.0
 Counties in state Florida have an average population of 280616.567164
 Counties in state Georgia have an average population of 60928.6352201
 Counties in state Hawaii have an average population of 272060.2
 Counties in state Idaho have an average population of 35626.8636364
 Counties in state Illinois have an average population of 125790.509804
 Counties in state Indiana have an average population of 70476.1086957
 Counties in state Iowa have an average population of 30771.2626263
 Counties in state Kansas have an average population of 27172.552381
 Counties in state Kentucky have an average population of 36161.3916667
 Counties in state Louisiana have an average population of 70833.9375
 Counties in state Maine have an average population of 83022.5625
 Counties in state Maryland have an average population of 240564.666667
 Counties in state Massachusetts have an average population of 467687.785714
 Counties in state Michigan have an average population of 119080.0
 Counties in state Minnesota have an average population of 60964.6551724
 Counties in state Mississippi have an average population of 36186.5487805
 Counties in state Missouri have an average population of 52077.626087
 Counties in state Montana have an average population of 17668.125
 Counties in state Nebraska have an average population of 19638.0752688
 Counties in state Nevada have an average population of 158855.941176
 Counties in state New Hampshire have an average population of 131647.0
 Counties in state New Jersey have an average population of 418661.619048
 Counties in state New Mexico have an average population of 62399.3636364
 Counties in state New York have an average population of 312550.032258
 Counties in state North Carolina have an average population of 95354.83
 Counties in state North Dakota have an average population of 12690.3962264
 Counties in state Ohio have an average population of 131096.636364

Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258

Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0

Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125

Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724

Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667

Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667

Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957

Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2

Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0

Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875

Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667

Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609

Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564

Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103

Counties in state Vermont have an average population of 44695.7857143
 Counties in state Virginia have an average population of 60111.2932331
 Counties in state Washington have an average population of 172424.102564
 Counties in state West Virginia have an average population of 33690.8
 Counties in state Wisconsin have an average population of 78985.9166667
 Counties in state Wyoming have an average population of 24505.4782609
 Counties in state Alabama have an average population of 71339.3432836
 Counties in state Alaska have an average population of 24490.7241379
 Counties in state Arizona have an average population of 426134.466667
 Counties in state Arkansas have an average population of 38878.9066667
 Counties in state California have an average population of 642309.586207
 Counties in state Colorado have an average population of 78581.1875
 Counties in state Connecticut have an average population of 446762.125
 Counties in state Delaware have an average population of 299311.333333
 Counties in state District of Columbia have an average population of 601723.0
 Counties in state Florida have an average population of 280616.567164
 Counties in state Georgia have an average population of 60928.6352201
 Counties in state Hawaii have an average population of 272060.2
 Counties in state Idaho have an average population of 35626.8636364
 Counties in state Illinois have an average population of 125790.509804
 Counties in state Indiana have an average population of 70476.1086957
 Counties in state Iowa have an average population of 30771.2626263
 Counties in state Kansas have an average population of 27172.552381
 Counties in state Kentucky have an average population of 36161.3916667
 Counties in state Louisiana have an average population of 70833.9375
 Counties in state Maine have an average population of 83022.5625
 Counties in state Maryland have an average population of 240564.666667
 Counties in state Massachusetts have an average population of 467687.785714
 Counties in state Michigan have an average population of 119080.0
 Counties in state Minnesota have an average population of 60964.6551724
 Counties in state Mississippi have an average population of 36186.5487805
 Counties in state Missouri have an average population of 52077.626087
 Counties in state Montana have an average population of 17668.125
 Counties in state Nebraska have an average population of 19638.0752688
 Counties in state Nevada have an average population of 158855.941176
 Counties in state New Hampshire have an average population of 131647.0
 Counties in state New Jersey have an average population of 418661.619048
 Counties in state New Mexico have an average population of 62399.3636364
 Counties in state New York have an average population of 312550.032258
 Counties in state North Carolina have an average population of 95354.83
 Counties in state North Dakota have an average population of 12690.3962264
 Counties in state Ohio have an average population of 131096.636364
 Counties in state Oklahoma have an average population of 48718.8441558
 Counties in state Oregon have an average population of 106418.722222
 Counties in state Pennsylvania have an average population of 189587.746269
 Counties in state Rhode Island have an average population of 210513.4
 Counties in state South Carolina have an average population of 100551.391304
 Counties in state South Dakota have an average population of 12336.0606061

Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269

Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364

Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258

Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0

Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125

Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724

Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667

Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667

Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957

Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2

Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0

Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875

Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667

Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609

Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061
Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564

Counties in state West Virginia have an average population of 33690.8
 Counties in state Wisconsin have an average population of 78985.9166667
 Counties in state Wyoming have an average population of 24505.4782609
 Counties in state Alabama have an average population of 71339.3432836
 Counties in state Alaska have an average population of 24490.7241379
 Counties in state Arizona have an average population of 426134.466667
 Counties in state Arkansas have an average population of 38878.9066667
 Counties in state California have an average population of 642309.586207
 Counties in state Colorado have an average population of 78581.1875
 Counties in state Connecticut have an average population of 446762.125
 Counties in state Delaware have an average population of 299311.333333
 Counties in state District of Columbia have an average population of 601723.0
 Counties in state Florida have an average population of 280616.567164
 Counties in state Georgia have an average population of 60928.6352201
 Counties in state Hawaii have an average population of 272060.2
 Counties in state Idaho have an average population of 35626.8636364
 Counties in state Illinois have an average population of 125790.509804
 Counties in state Indiana have an average population of 70476.1086957
 Counties in state Iowa have an average population of 30771.2626263
 Counties in state Kansas have an average population of 27172.552381
 Counties in state Kentucky have an average population of 36161.3916667
 Counties in state Louisiana have an average population of 70833.9375
 Counties in state Maine have an average population of 83022.5625
 Counties in state Maryland have an average population of 240564.666667
 Counties in state Massachusetts have an average population of 467687.785714
 Counties in state Michigan have an average population of 119080.0
 Counties in state Minnesota have an average population of 60964.6551724
 Counties in state Mississippi have an average population of 36186.5487805
 Counties in state Missouri have an average population of 52077.626087
 Counties in state Montana have an average population of 17668.125
 Counties in state Nebraska have an average population of 19638.0752688
 Counties in state Nevada have an average population of 158855.941176
 Counties in state New Hampshire have an average population of 131647.0
 Counties in state New Jersey have an average population of 418661.619048
 Counties in state New Mexico have an average population of 62399.3636364
 Counties in state New York have an average population of 312550.032258
 Counties in state North Carolina have an average population of 95354.83
 Counties in state North Dakota have an average population of 12690.3962264
 Counties in state Ohio have an average population of 131096.636364
 Counties in state Oklahoma have an average population of 48718.8441558
 Counties in state Oregon have an average population of 106418.722222
 Counties in state Pennsylvania have an average population of 189587.746269
 Counties in state Rhode Island have an average population of 210513.4
 Counties in state South Carolina have an average population of 100551.391304
 Counties in state South Dakota have an average population of 12336.0606061
 Counties in state Tennessee have an average population of 66801.1052632
 Counties in state Texas have an average population of 98998.2716535
 Counties in state Utah have an average population of 95306.3793103

Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
Counties in state Alabama have an average population of 71339.3432836
Counties in state Alaska have an average population of 24490.7241379
Counties in state Arizona have an average population of 426134.466667
Counties in state Arkansas have an average population of 38878.9066667
Counties in state California have an average population of 642309.586207
Counties in state Colorado have an average population of 78581.1875
Counties in state Connecticut have an average population of 446762.125
Counties in state Delaware have an average population of 299311.333333
Counties in state District of Columbia have an average population of 601723.0
Counties in state Florida have an average population of 280616.567164
Counties in state Georgia have an average population of 60928.6352201
Counties in state Hawaii have an average population of 272060.2
Counties in state Idaho have an average population of 35626.8636364
Counties in state Illinois have an average population of 125790.509804
Counties in state Indiana have an average population of 70476.1086957
Counties in state Iowa have an average population of 30771.2626263
Counties in state Kansas have an average population of 27172.552381
Counties in state Kentucky have an average population of 36161.3916667
Counties in state Louisiana have an average population of 70833.9375
Counties in state Maine have an average population of 83022.5625
Counties in state Maryland have an average population of 240564.666667
Counties in state Massachusetts have an average population of 467687.785714
Counties in state Michigan have an average population of 119080.0
Counties in state Minnesota have an average population of 60964.6551724
Counties in state Mississippi have an average population of 36186.5487805
Counties in state Missouri have an average population of 52077.626087
Counties in state Montana have an average population of 17668.125
Counties in state Nebraska have an average population of 19638.0752688
Counties in state Nevada have an average population of 158855.941176
Counties in state New Hampshire have an average population of 131647.0
Counties in state New Jersey have an average population of 418661.619048
Counties in state New Mexico have an average population of 62399.3636364
Counties in state New York have an average population of 312550.032258
Counties in state North Carolina have an average population of 95354.83
Counties in state North Dakota have an average population of 12690.3962264
Counties in state Ohio have an average population of 131096.636364
Counties in state Oklahoma have an average population of 48718.8441558
Counties in state Oregon have an average population of 106418.722222
Counties in state Pennsylvania have an average population of 189587.746269
Counties in state Rhode Island have an average population of 210513.4
Counties in state South Carolina have an average population of 100551.391304
Counties in state South Dakota have an average population of 12336.0606061

Counties in state Tennessee have an average population of 66801.1052632
Counties in state Texas have an average population of 98998.2716535
Counties in state Utah have an average population of 95306.3793103
Counties in state Vermont have an average population of 44695.7857143
Counties in state Virginia have an average population of 60111.2932331
Counties in state Washington have an average population of 172424.102564
Counties in state West Virginia have an average population of 33690.8
Counties in state Wisconsin have an average population of 78985.9166667
Counties in state Wyoming have an average population of 24505.4782609
50.7 ms ± 1.76 ms per loop (mean ± std. dev. of 7 runs, 10 loops each)

In [3]: df.head()

```
Out[3]:
```

	SUMLEV	REGION	DIVISION	STATE	COUNTY	STNAME	CTYNAME	\
1	50	3	6	1	1	Alabama	Autauga County	
2	50	3	6	1	3	Alabama	Baldwin County	
3	50	3	6	1	5	Alabama	Barbour County	
4	50	3	6	1	7	Alabama	Bibb County	
5	50	3	6	1	9	Alabama	Blount County	

	CENSUS2010POP	ESTIMATESBASE2010	POPESTIMATE2010	...	\
1	54571	54571	54660	...	
2	182265	182265	183193	...	
3	27457	27457	27341	...	
4	22915	22919	22861	...	
5	57322	57322	57373	...	

	RDOMESTICMIG2011	RDOMESTICMIG2012	RDOMESTICMIG2013	RDOMESTICMIG2014	\
1	7.242091	-2.915927	-3.012349	2.265971	
2	14.832960	17.647293	21.845705	19.243287	
3	-4.728132	-2.500690	-7.056824	-3.904217	
4	-5.527043	-5.068871	-6.201001	-0.177537	
5	1.807375	-1.177622	-1.748766	-2.062535	

	RDOMESTICMIG2015	RNETMIG2011	RNETMIG2012	RNETMIG2013	RNETMIG2014	\
1	-2.530799	7.606016	-2.626146	-2.722002	2.592270	
2	17.197872	15.844176	18.559627	22.727626	20.317142	
3	-10.543299	-4.874741	-2.758113	-7.167664	-3.978583	
4	0.177258	-5.088389	-4.363636	-5.403729	0.754533	
5	-1.369970	1.859511	-0.848580	-1.402476	-1.577232	

	RNETMIG2015
1	-2.187333
2	18.293499
3	-10.543299
4	1.107861
5	-0.884411

[5 rows x 100 columns]

```
In [ ]: df = df.set_index('STNAME')
```

```
def fun(item):
    if item[0]<'M':
        return 0
    if item[0]<'Q':
        return 1
    return 2

for group, frame in df.groupby(fun):
    print('There are ' + str(len(frame)) + ' records in group ' + str(group) + ' for pro
```

```
In [4]: df = pd.read_csv('census.csv')
df = df[df['SUMLEV']==50]
```

```
In [7]: df.groupby('STNAME').agg({'CENSUS2010POP': np.average}).head()
```

```
Out [7]:
```

	CENSUS2010POP
STNAME	
Alabama	71339.343284
Alaska	24490.724138
Arizona	426134.466667
Arkansas	38878.906667
California	642309.586207

```
In [5]: print(type(df.groupby(level=0)['POPESTIMATE2010','POPESTIMATE2011']))
print(type(df.groupby(level=0)['POPESTIMATE2010']))
```

```
<class 'pandas.core.groupby.DataFrameGroupBy'>
<class 'pandas.core.groupby.SeriesGroupBy'>
```

```
In [10]: df.set_index('STNAME').groupby(level=0)['CENSUS2010POP'].agg({'avg': np.average, 'sum':
```

```
Out [10]:
```

	avg	sum
STNAME		
Alabama	71339.343284	4779736
Alaska	24490.724138	710231
Arizona	426134.466667	6392017
Arkansas	38878.906667	2915918
California	642309.586207	37253956

```
In [12]: (df.set_index('STNAME').groupby(level=0)['POPESTIMATE2010','POPESTIMATE2011']
        .agg({'avg': np.average, 'sum': np.sum})).head()
```

```
Out[12]:
```

	avg		sum	
	POPESTIMATE2010	POPESTIMATE2011	POPESTIMATE2010	POPESTIMATE2011
STNAME				
Alabama	71420.313433	71658.328358	4785161	4801108
Alaska	24621.413793	24921.379310	714021	722720
Arizona	427213.866667	431248.800000	6408208	6468732
Arkansas	38965.253333	39180.506667	2922394	2938538
California	643691.017241	650000.586207	37334079	37700034

```
In [14]: (df.set_index('STNAME').groupby(level=0)['POPESTIMATE2010', 'POPESTIMATE2011']
         .agg({'POPESTIMATE2010': np.average, 'POPESTIMATE2011': np.sum})).head()
```

```
Out[14]:
```

	POPESTIMATE2010	POPESTIMATE2011
STNAME		
Alabama	71420.313433	4801108
Alaska	24621.413793	722720
Arizona	427213.866667	6468732
Arkansas	38965.253333	2938538
California	643691.017241	37700034

4 Scales

```
In [23]: df = pd.DataFrame(['A+', 'A', 'A-', 'B+', 'B', 'B-', 'C+', 'C', 'C-', 'D+', 'D'],
                           index=['excellent', 'excellent', 'excellent', 'good', 'good', 'good',
                                   'good', 'good', 'good', 'good', 'good', 'good'],
                           df.rename(columns={0: 'Grades'}, inplace=True)
                           df
```

```
Out[23]:
```

	Grades
excellent	A+
excellent	A
excellent	A-
good	B+
good	B
good	B-
ok	C+
ok	C
ok	C-
poor	D+
poor	D

```
In [26]: df['Grades'].astype('category').head()
```

```
Out[26]: excellent    A+
excellent            A
excellent            A-
good                 B+
good                 B
Name: Grades, dtype: category
Categories (11, object): [A, A+, A-, B, ..., C+, C-, D, D+]
```

```
In [27]: grades = df['Grades'].astype('category',
                                     categories=['D', 'D+', 'C-', 'C', 'C+', 'B-', 'B', 'B+', 'A-', 'A', 'A+'],
                                     ordered=True)

        grades.head()
```

```
Out[27]: excellent    A+
         excellent    A
         excellent    A-
         good         B+
         good         B
         Name: Grades, dtype: category
         Categories (11, object): [D < D+ < C- < C ... B+ < A- < A < A+]
```

```
In [28]: grades > 'C'
```

```
Out[28]: excellent    True
         excellent    True
         excellent    True
         good         True
         good         True
         good         True
         ok           True
         ok           False
         ok           False
         poor         False
         poor         False
         Name: Grades, dtype: bool
```

```
In [30]: df = pd.read_csv('census.csv')
         df = df[df['SUMLEV']==50]
         df = df.set_index('STNAME').groupby(level=0)['CENSUS2010POP'].agg({'avg': np.average})
         pd.cut(df['avg'],10).head()
```

```
Out[30]: STNAME
Alabama      (11706.0871, 75333.413]
Alaska       (11706.0871, 75333.413]
Arizona      (390320.176, 453317.529]
Arkansas     (11706.0871, 75333.413]
California   (579312.234, 642309.586]
         Name: avg, dtype: category
         Categories (10, object): [(11706.0871, 75333.413] < (75333.413, 138330.766] < (138330.766, 179224.121] < ...]
```

5 Pivot Tables

```
In [31]: #http://open.canada.ca/data/en/dataset/98f1a129-f628-4ce4-b24d-6f16bf24dd64
         df = pd.read_csv('cars.csv')
```

```
In [32]: df.head()
```

```
Out [32]:
```

	YEAR	Make	Model	Size	(kW)	Unnamed: 5	TYPE	\
0	2012	mitsubishi	i-MiEV	SUBCOMPACT	49	A1	B	
1	2012	NISSAN	LEAF	MID-SIZE	80	A1	B	
2	2013	FORD	FOCUS ELECTRIC	COMPACT	107	A1	B	
3	2013	mitsubishi	i-MiEV	SUBCOMPACT	49	A1	B	
4	2013	NISSAN	LEAF	MID-SIZE	80	A1	B	

	CITY (kWh/100 km)	HWY (kWh/100 km)	COMB (kWh/100 km)	CITY (Le/100 km)	\
0	16.9	21.4	18.7	1.9	
1	19.3	23.0	21.1	2.2	
2	19.0	21.1	20.0	2.1	
3	16.9	21.4	18.7	1.9	
4	19.3	23.0	21.1	2.2	

	HWY (Le/100 km)	COMB (Le/100 km)	(g/km)	RATING	(km)	TIME (h)
0	2.4	2.1	0	n/a	100	7
1	2.6	2.4	0	n/a	117	7
2	2.4	2.2	0	n/a	122	4
3	2.4	2.1	0	n/a	100	7
4	2.6	2.4	0	n/a	117	7

```
In [35]: df.pivot_table(values='(kW)', index='YEAR', columns='Make', aggfunc=[np.mean])
```

```
Out [35]:
```

	mean							
Make	BMW	CHEVROLET	FORD	KIA	mitsubishi	NISSAN	SMART	TESLA
YEAR								
2012	NaN	NaN	NaN	NaN	49.0	80.0	NaN	NaN
2013	NaN	NaN	107.0	NaN	49.0	80.0	35.0	280.000000
2014	NaN	104.0	107.0	NaN	49.0	80.0	35.0	268.333333
2015	125.0	104.0	107.0	81.0	49.0	80.0	35.0	320.666667
2016	125.0	104.0	107.0	81.0	49.0	80.0	35.0	409.700000

```
In [34]: df.pivot_table(values='(kW)', index='YEAR', columns='Make', aggfunc=[np.mean,np.min], m
```

```
Out [34]:
```

	mean								\
Make	BMW	CHEVROLET	FORD	KIA	mitsubishi	NISSAN	SMART	TESLA	
YEAR									
2012	NaN	NaN	NaN	NaN	49.0	80.0	NaN	NaN	
2013	NaN	NaN	107.0	NaN	49.0	80.0	35.0	280.000000	
2014	NaN	104.0	107.0	NaN	49.0	80.0	35.0	268.333333	
2015	125.0	104.0	107.0	81.0	49.0	80.0	35.0	320.666667	
2016	125.0	104.0	107.0	81.0	49.0	80.0	35.0	409.700000	
All	125.0	104.0	107.0	81.0	49.0	80.0	35.0	345.478261	

	amin								\
Make	All	BMW	CHEVROLET	FORD	KIA	mitsubishi	NISSAN	SMART	TESLA
YEAR									
2012	64.500000	NaN	NaN	NaN	NaN	49.0	80.0	NaN	NaN
2013	158.444444	NaN	NaN	107.0	NaN	49.0	80.0	35.0	270.0

2014	135.000000	NaN	104.0	107.0	NaN	49.0	80.0	35.0	225.0
2015	181.428571	125.0	104.0	107.0	81.0	49.0	80.0	35.0	280.0
2016	252.263158	125.0	104.0	107.0	81.0	49.0	80.0	35.0	283.0
All	190.622642	125.0	104.0	107.0	81.0	49.0	80.0	35.0	225.0

Make	All
YEAR	
2012	49.0
2013	35.0
2014	35.0
2015	35.0
2016	35.0
All	35.0

6 Date Functionality in Pandas

```
In [36]: import pandas as pd
import numpy as np
```

6.0.1 Timestamp

```
In [37]: pd.Timestamp('9/1/2016 10:05AM')
```

```
Out[37]: Timestamp('2016-09-01 10:05:00')
```

6.0.2 Period

```
In [4]: pd.Period('1/2016')
```

```
Out[4]: Period('2016-01', 'M')
```

```
In [5]: pd.Period('3/5/2016')
```

```
Out[5]: Period('2016-03-05', 'D')
```

6.0.3 DatetimeIndex

```
In [6]: t1 = pd.Series(list('abc'), [pd.Timestamp('2016-09-01'), pd.Timestamp('2016-09-02'), pd.
t1
```

```
Out[6]: 2016-09-01    a
2016-09-02    b
2016-09-03    c
dtype: object
```

```
In [7]: type(t1.index)
```

```
Out[7]: pandas.tsindex.DatetimeIndex
```

6.0.4 PeriodIndex

```
In [8]: t2 = pd.Series(list('def'), [pd.Period('2016-09'), pd.Period('2016-10'), pd.Period('2016-11')],  
t2
```

```
Out[8]: 2016-09    d  
        2016-10    e  
        2016-11    f  
        Freq: M, dtype: object
```

```
In [9]: type(t2.index)
```

```
Out[9]: pandas.tseries.period.PeriodIndex
```

6.0.5 Converting to Datetime

```
In [10]: d1 = ['2 June 2013', 'Aug 29, 2014', '2015-06-26', '7/12/16']  
ts3 = pd.DataFrame(np.random.randint(10, 100, (4,2)), index=d1, columns=list('ab'))  
ts3
```

```
Out[10]:
```

	a	b
2 June 2013	16	46
Aug 29, 2014	14	66
2015-06-26	59	99
7/12/16	27	17

```
In [11]: ts3.index = pd.to_datetime(ts3.index)  
ts3
```

```
Out[11]:
```

	a	b
2013-06-02	16	46
2014-08-29	14	66
2015-06-26	59	99
2016-07-12	27	17

```
In [12]: pd.to_datetime('4.7.12', dayfirst=True)
```

```
Out[12]: Timestamp('2012-07-04 00:00:00')
```

6.0.6 Timedeltas

```
In [13]: pd.Timestamp('9/3/2016')-pd.Timestamp('9/1/2016')
```

```
Out[13]: Timedelta('2 days 00:00:00')
```

```
In [14]: pd.Timestamp('9/2/2016 8:10AM') + pd.Timedelta('12D 3H')
```

```
Out[14]: Timestamp('2016-09-14 11:10:00')
```


6.0.7 Working with Dates in a Dataframe

```
In [15]: dates = pd.date_range('10-01-2016', periods=9, freq='2W-SUN')
         dates
```

```
Out[15]: DatetimeIndex(['2016-10-02', '2016-10-16', '2016-10-30', '2016-11-13',
                        '2016-11-27', '2016-12-11', '2016-12-25', '2017-01-08',
                        '2017-01-22'],
                        dtype='datetime64[ns]', freq='2W-SUN')
```

```
In [16]: df = pd.DataFrame({'Count 1': 100 + np.random.randint(-5, 10, 9).cumsum(),
                            'Count 2': 120 + np.random.randint(-5, 10, 9)}, index=dates)
         df
```

```
Out[16]:
```

	Count 1	Count 2
2016-10-02	104	125
2016-10-16	109	122
2016-10-30	111	127
2016-11-13	117	126
2016-11-27	114	126
2016-12-11	109	121
2016-12-25	105	126
2017-01-08	105	125
2017-01-22	101	123

```
In [17]: df.index.weekday_name
```

```
Out[17]: array(['Sunday', 'Sunday', 'Sunday', 'Sunday', 'Sunday', 'Sunday',
                'Sunday', 'Sunday', 'Sunday'], dtype=object)
```

```
In [18]: df.diff()
```

```
Out[18]:
```

	Count 1	Count 2
2016-10-02	NaN	NaN
2016-10-16	5.0	-3.0
2016-10-30	2.0	5.0
2016-11-13	6.0	-1.0
2016-11-27	-3.0	0.0
2016-12-11	-5.0	-5.0
2016-12-25	-4.0	5.0
2017-01-08	0.0	-1.0
2017-01-22	-4.0	-2.0

```
In [19]: df.resample('M').mean()
```

```
Out[19]:
```

	Count 1	Count 2
2016-10-31	108.0	124.666667
2016-11-30	115.5	126.000000
2016-12-31	107.0	123.500000
2017-01-31	103.0	124.000000

```
In [20]: df['2017']
```

```
Out[20]:
```

	Count 1	Count 2
2017-01-08	105	125
2017-01-22	101	123

```
In [21]: df['2016-12']
```

```
Out[21]:
```

	Count 1	Count 2
2016-12-11	109	121
2016-12-25	105	126

```
In [22]: df['2016-12':]
```

```
Out[22]:
```

	Count 1	Count 2
2016-12-11	109	121
2016-12-25	105	126
2017-01-08	105	125
2017-01-22	101	123

```
In [ ]: df.asfreq('W', method='ffill')
```

```
In [ ]: import matplotlib.pyplot as plt
        %matplotlib inline
```

```
df.plot()
```