This research aggregates Manhattan transaction data from 2014 to 2018. I only look at transactions where the # of residential units is set to 1; this focuses the research to condos.

One interesting result from the combining the CSVs and manipulating the data was seeing price development in different neighborhoods from 2014 to 2018. (I remove neighborhoods that had less than 30 transactions in a given year.)

Neighborhood	20:	L4 Median Price	201	5 Median Price	201	L6 Median Price	20	17 Median Price	201	8 Median Price
CIVICCENTER	\$	2,156,908	\$	2,900,000	\$	4,267,090	\$	5,704,950	\$	4,395,000
SOHO	\$	3,125,000	\$	3,850,000	\$	3,894,806	\$	3,668,754	\$	3,858,931
GREENWICHVILLAGE-WEST	\$	2,163,781	\$	4,200,000	\$	4,796,440	\$	4,862,143	\$	3,500,000
FLATIRON	\$	2,233,000	\$	2,700,000	\$	2,765,000	\$	3,983,083	\$	3,100,000
GREENWICHVILLAGE-CENTRA	\$	2,025,064	\$	3,473,506	\$	2,995,000	\$	2,499,500	\$	2,625,000
TRIBECA	\$	1,882,500	\$	2,591,446	\$	2,825,322	\$	3,000,000	\$	2,405,398
EASTVILLAGE	\$	1,097,500	\$	1,370,000	\$	1,175,000	\$	2,062,500	\$	2,217,552
LOWEREASTSIDE	\$	1,110,000	\$	1,570,028	\$	1,200,000	\$	1,065,000	\$	2,100,000
UPPERWESTSIDE(59-79)	\$	1,891,363	\$	1,710,000	\$	2,232,272	\$	2,125,000	\$	1,965,000
UPPERWESTSIDE(96-116)	\$	1,427,000	\$	1,617,500	\$	1,800,000	\$	1,747,500	\$	1,957,500
CHELSEA	\$	1,760,000	\$	1,735,000	\$	2,169,050	\$	1,915,000	\$	1,923,713
UPPEREASTSIDE(59-79)	\$	2,187,119	\$	1,850,000	\$	1,750,000	\$	2,005,000	\$	1,862,000
UPPEREASTSIDE(79-96)	\$	1,462,500	\$	1,450,000	\$	1,600,000	\$	1,667,588	\$	1,760,000
UPPERWESTSIDE(79-96)	\$	1,450,000	\$	1,171,369	\$	1,335,000	\$	1,162,500	\$	1,700,322
GRAMERCY	\$	1,230,000	\$	1,250,000	\$	1,300,000	\$	1,955,000	\$	1,639,382
MIDTOWNWEST	\$	1,380,000	\$	1,619,482	\$	1,528,688	\$	1,262,500	\$	1,395,000
MURRAYHILL	\$	1,500,000	\$	1,292,500	\$	1,197,176	\$	1,295,000	\$	1,215,000
CLINTON	\$	995,000	\$	1,148,085	\$	999,000	\$	1,290,000	\$	1,160,000
MIDTOWNEAST	\$	1,100,000	\$	1,580,000	\$	1,140,997	\$	1,771,744	\$	1,089,527
FINANCIAL	\$	1,074,250	\$	1,075,000	\$	1,095,000	\$	1,546,250	\$	1,040,000
KIPSBAY	\$	800,000	\$	900,000	\$	925,000	\$	1,100,048	\$	1,010,875
MANHATTANVALLEY	\$	804,540	\$	1,053,750	\$	875,000	\$	950,500	\$	925,000
HARLEM-CENTRAL	\$	665,000	\$	753,505	\$	777,026	\$	905,000	\$	877,500
CHINATOWN	\$	1,750,000	\$	1,635,000	\$	1,355,000	\$	2,050,000	\$	812,500
HARLEM-EAST	\$	635,000	\$	590,000	\$	651,680	\$	670,000	\$	614,250
HARLEM-UPPER	\$	539,672	\$	626,223	\$	500,000	\$	765,000	\$	568,119

A widely held belief is that prices New York City prices have been going up steadily since a slight pause during the Great Recession. I found this to be true for only five neighborhoods.

Neighborhood	2014 Median Price		2015 Median Price		2016 Median Price		2017	Median Price	2018 Median Price	
EASTVILLAGE	\$	1,097,500	\$	1,370,000	\$	1,175,000	\$	2,062,500	\$	2,217,552
UPPERWESTSIDE(96-116)	\$	1,427,000	\$	1,617,500	\$	1,800,000	\$	1,747,500	\$	1,957,500
UPPEREASTSIDE(79-96)	\$	1,462,500	\$	1,450,000	\$	1,600,000	\$	1,667,588	\$	1,760,000
UPPERWESTSIDE(79-96)	\$	1,450,000	\$	1,171,369	\$	1,335,000	\$	1,162,500	\$	1,700,322
LOWEREASTSIDE	\$	1,110,000	\$	1,570,028	\$	1,200,000	\$	1,065,000	\$	2,100,000

In fact, most often neighborhoods in this data set saw sales peaks in 2017.

Neighborhood	2014 N	/ledian Price	2015	Median Price	201	6 Median Price	201	7 Median Price	2018	Median Price
CIVICCENTER	\$	2,156,908	\$	2,900,000	\$	4,267,090	\$	5,704,950	\$	4,395,000
GREENWICHVILLAGE-WEST	\$	2,163,781	\$	4,200,000	\$	4,796,440	\$	4,862,143	\$	3,500,000
FLATIRON	\$	2,233,000	\$	2,700,000	\$	2,765,000	\$	3,983,083	\$	3,100,000
TRIBECA	\$	1,882,500	\$	2,591,446	\$	2,825,322	\$	3,000,000	\$	2,405,398
CHINATOWN	\$	1,750,000	\$	1,635,000	\$	1,355,000	\$	2,050,000	\$	812,500
GRAMERCY	\$	1,230,000	\$	1,250,000	\$	1,300,000	\$	1,955,000	\$	1,639,382
MIDTOWNEAST	\$	1,100,000	\$	1,580,000	\$	1,140,997	\$	1,771,744	\$	1,089,527
FINANCIAL	\$	1,074,250	\$	1,075,000	\$	1,095,000	\$	1,546,250	\$	1,040,000
CLINTON	\$	995,000	\$	1,148,085	\$	999,000	\$	1,290,000	\$	1,160,000
KIPSBAY	\$	800,000	\$	900,000	\$	925,000	\$	1,100,048	\$	1,010,875
HARLEM-CENTRAL	\$	665,000	\$	753,505	\$	777,026	\$	905,000	\$	877,500
HARLEM-UPPER	\$	539,672	\$	626,223	\$	500,000	\$	765,000	\$	568,119
HARLEM-EAST	\$	635,000	\$	590,000	\$	651,680	\$	670,000	\$	614,250

Some neighborhoods saw price peaks earlier than 2017. Also total number of transactions was higher in 2016 and 2017.

Neighborhood	201	4 Median Price	201	5 Median Price	201	6 Median Price	201	7 Median Price	2018	Median Price
CHELSEA	\$	1,760,000	\$	1,735,000	\$	2,169,050	\$	1,915,000	\$	1,923,713
GREENWICHVILLAGE-CENTR	\$	2,025,064	\$	3,473,506	\$	2,995,000	\$	2,499,500	\$	2,625,000
MANHATTANVALLEY	\$	804,540	\$	1,053,750	\$	875,000	\$	950,500	\$	925,000
MIDTOWNWEST	\$	1,380,000	\$	1,619,482	\$	1,528,688	\$	1,262,500	\$	1,395,000
MURRAYHILL	\$	1,500,000	\$	1,292,500	\$	1,197,176	\$	1,295,000	\$	1,215,000
SOHO	\$	3,125,000	\$	3,850,000	\$	3,894,806	\$	3,668,754	\$	3,858,931
UPPERWESTSIDE(59-79)	\$	1,891,363	\$	1,710,000	\$	2,232,272	\$	2,125,000	\$	1,965,000
UPPEREASTSIDE(59-79)	\$	2,187,119	\$	1,850,000	\$	1,750,000	\$	2,005,000	\$	1,862,000

Why did prices peak in some neighborhoods in 2017 or before? I did some spot checks of the data for West Harlem, Gramercy and Flatiron and did not see any major issues with the samples. So what could be the economic reason? Are people interested in living further away from city centers these days?

I look forward to continuing to monitor this data set, collaborating with others and seeing how 2019 sales have panned out once the year is through.

Other Notes

- I tried to look at sales by comparing to Gross Square Feet, but the Gross Square Feet data is spotty before 2018. Including this data will make comparisons more robust going forward.
- I created a column for the decade a building was built, to see if new building got higher prices. This did not seem to have a huge effect. In Manhattan I believe even old buildings are often renovated at great expense.

Finally, I looked at the correlation between census data from 2016 for zip codes with sales prices.

Unsurprisingly I found a high positive correlation between income and sales prices (74%, #1). Also there was high positive correlation between the percent of workers in management and sales prices (60%, #16)

A high percentage of government workers had a negative correlation with sales prices (-61%, #210). Commute travel time also had a negative correlation with sales price (-65%, #221). This makes sense particularly in Manhattan given that people often seem to pay a premium to live closer, even walking distance, to their jobs.

Complete list of correlations:

total households: 0.56

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1. income_and_benefits_in_2016_inflation_adjusted_dollars-dollars-mean_family_income_dollars:
0.74
2. income_and_benefits_in_2016_inflation_adjusted_dollars-dollars-
per capita family income dollars: 0.74
3. income_and_benefits_in_2016_inflation_adjusted_dollars-dollars-
mean household income dollars: 0.69
4. income and benefits in 2016 inflation adjusted dollars-dollars-
mean earnings dollars households with earnings: 0.69
5. health insurance coverage-percent-with health insurance-of-
civilian noninstitutionalized population: 0.67
6. income and benefits in 2016 inflation adjusted dollars-percent-200000 or more-of-
total families: 0.67
7. health insurance coverage-percent-with health insurance-of-
18_to_64_years_employed_civilian_noninstitutionalized_population: 0.65
8. income and benefits in 2016 inflation adjusted dollars-percent-200000 or more-of-
total households: 0.65
9. income_and_benefits_in_2016_inflation_adjusted_dollars-dollars-
mean nonfamily income dollars: 0.65
10. health_insurance_coverage-percent-with_private_health_insurance-of-
18 to 64 years employed civilian noninstitutionalized population: 0.65
11. income_and_benefits_in_2016_inflation_adjusted_dollars-dollars-median_female_full-
time year round workers earnings dollars: 0.64
12. commuting to work-percent-other means-of-workers 16 years and over: 0.63
13. health insurance coverage-percent-with private health insurance-of-
18_to_64_years_not_in_labor_force_civilian_noninstitutionalized_population: 0.63
14. health insurance coverage-percent-with private health insurance-of-
civilian_noninstitutionalized_population: 0.62
15. income and benefits in 2016 inflation adjusted dollars-dollars-
median workers earnings dollars: 0.61
16. occupation-percent-management_business_science_and_arts occupations-of-
civilian employed population 16 years and over: 0.6
17. income and benefits in 2016 inflation adjusted dollars-households-
mean retirement income dollars households with retirement income: 0.58
18. income and benefits in 2016 inflation adjusted dollars-dollars-
median nonfamily income dollars: 0.57
19. commuting to work-percent-worked at home-of-workers 16 years and over: 0.57
20. industry-percent-finance and insurance and real estate and rental and leasing-of-
civilian employed_population_16_years_and_over: 0.57
21. income and benefits in 2016 inflation adjusted dollars-percent-150000 to 199999-of-
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22. health_insurance_coverage-percent-with_private_health_insurance-of-18 to 64 years unemployed civilian noninstitutionalized population: 0.56

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23. income and benefits in 2016 inflation adjusted dollars-dollars-
median_household_income_dollars: 0.53
24. income and benefits in 2016 inflation adjusted dollars-dollars-median male full-
time year round workers earnings dollars: 0.53
25. income and benefits in 2016 inflation adjusted dollars-households-
200000 or more total households: 0.52
26. class of worker-percent-self employed in own not incorporated business workers-of-
civilian_employed_population_16_years_and_over: 0.51
27. industry-percent-
professional scientific and management and administrative and waste management services-
of-civilian_employed_population_16_years_and_over: 0.51
28. industry-percent-information-of-civilian employed population 16 years and over: 0.51
29. income_and_benefits_in_2016_inflation_adjusted_dollars-dollars-
median family income dollars: 0.47
30. health insurance coverage-percent-with health insurance-of-
18 to 64 years not in labor force civilian noninstitutionalized population: 0.45
31. income and benefits in 2016 inflation adjusted dollars-percent-150000 to 199999-of-
total families: 0.44
32. industry-population-
finance and insurance and real estate and rental and leasing civilian employed population
16 years and over: 0.42
33. income_and_benefits_in_2016_inflation_adjusted_dollars-families-
200000 or more total families: 0.42
34. class_of_worker-percent-private_wage_and_salary_workers-of-
civilian employed population 16 years and over: 0.42
35. employment_status-percent-employed-of-population_16_years_and_over: 0.39
36. income and benefits in 2016 inflation adjusted dollars-dollars-
mean_social_security_income_dollars_households_with_social_security: 0.38
37. employment status-percent-employed-of-females 16 years and over: 0.37
38. commuting to work-percent-walked-of-workers 16 years and over: 0.37
39. income and benefits in 2016 inflation adjusted dollars-percent-households with earnings-
of-total households: 0.37
40. health_insurance_coverage-percent-18_to_64_years_employed-of-
civilian_noninstitutionalized_population: 0.34
41. commuting to work-population-other means workers 16 years and over: 0.33
42. income and benefits in 2016 inflation adjusted dollars-households-
150000_to_199999_total_households: 0.32
43. industry-percent-wholesale trade-of-civilian employed population 16 years and over: 0.31
44. employment status-percent-in labor force-of-population 16 years and over: 0.29
45. employment_status-percent-in_civilian_labor_force-of-population_16_years_and_over: 0.29
46. commuting_to_work-population-walked_workers_16_years_and_over: 0.26
47. employment status-percent-in labor force-of-females 16 years and over: 0.26
48. employment_status-percent-in_civilian_labor_force-of-females_16_years_and_over: 0.26
49. industry-population-information civilian employed population 16 years and over: 0.26
50. health_insurance_coverage-percent-18_to_64_years_in_labor_force-of-
civilian_noninstitutionalized_population: 0.25
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51. industry-populationprofessional scientific and management and administrative and waste management services civilian employed population 16 years and over: 0.24 52. occupation-populationmanagement business science and arts occupations civilian employed population 16 years a nd over: 0.22 53. income_and_benefits_in_2016_inflation_adjusted_dollars-percent-100000_to_149999-oftotal households: 0.22 54. commuting to work-population-worked at home workers 16 years and over: 0.2 55. industry-population-wholesale_trade_civilian_employed_population_16_years_and_over: 0.16 56. income and benefits in 2016 inflation adjusted dollars-households-100000 to 149999 total households: 0.15 57. income and benefits in 2016 inflation adjusted dollars-households-nonfamily households: 0.15 58. income and benefits in 2016 inflation adjusted dollars-dollarsmean_supplemental_security_income_dollars_households_with_supplemental_security_income: 0.13 59. income and benefits in 2016 inflation adjusted dollars-families-150000 to 199999 total families: 0.13 60. class of worker-populationself_employed_in_own_not_incorporated_business_workers_civilian_employed_population_16_y ears and over: 0.11 61. industry-percent-agriculture_forestry_fishing_and_hunting_and_mining-ofcivilian_employed_population_16_years_and_over: 0.11 62. health insurance coverage-populationwith_private_health_insurance_18_to_64_years_employed_civilian_noninstitutionalized_populati on: 0.11 63. income and benefits in 2016 inflation adjusted dollars-dollarsmean cash public assistance income dollars households with cash public assistance income: 0.1 64. health insurance coverage-populationwith private health insurance civilian noninstitutionalized population: 0.09 65. employment status-percent-armed forces-of-population 16 years and over: 0.05 66. health_insurance_coverage-percent-18_to_64_years-ofcivilian noninstitutionalized population: 0.05 67. income and benefits_in_2016_inflation_adjusted_dollars-householdshouseholds with earnings: 0.04 68. health insurance coverage-populationwith_private_health_insurance_18_to_64_years_not_in_labor_force_civilian_noninstitutionalized_ population: 0.03 69. employment_status-percent-all_parents_in_family_in_labor_force-ofown children of the householder 6 to 17 years: 0.01 70. industry-populationagriculture forestry fishing and hunting and mining civilian employed population 16 years a nd over: 0.01

71. health insurance coverage-percent-with health insurance-of-

18 to 64 years unemployed civilian noninstitutionalized population: 0

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72. health insurance coverage-percent-no health insurance-of-
18_to_64_years_unemployed_civilian_noninstitutionalized_population: 0
73. health insurance coverage-population-
with_health_insurance_18_to_64_years_employed_civilian_noninstitutionalized_population: -0.02
74. income and benefits in 2016 inflation adjusted dollars-percent-100000 to 149999-of-
total families: -0.02
75. income and benefits in 2016 inflation adjusted dollars-percent-
households with retirement income-of-total households: -0.02
76. class_of_worker-population-
private wage and salary workers civilian employed population 16 years and over: -0.02
77. income_and_benefits_in_2016_inflation_adjusted_dollars-households-total_households: -0.02
78. employment status-population-armed forces population 16 years and over: -0.04
79. income_and_benefits_in_2016_inflation_adjusted_dollars-households-
households_with_retirement_income: -0.04
80. commuting_to_work-population_workers_16_years_and_over: -0.05
81. employment status-population-employed population 16 years and over: -0.05
82. occupation-population-civilian_employed_population_16_years_and_over: -0.05
83. industry-population-civilian_employed_population_16_years_and_over: -0.05
84. class of worker-population-civilian employed population 16 years and over: -0.05
85. employment_status-population-employed_females_16_years_and_over: -0.06
86. income and benefits in 2016 inflation adjusted dollars-households-
75000 to 99999 total households: -0.08
87. income and benefits in 2016 inflation adjusted dollars-households-
households with social security: -0.09
88. employment status-percent-all parents in family in labor force-of-
own children of the householder under 6 years: -0.09
89. income and benefits in 2016 inflation adjusted dollars-percent-
households_with_social_security-of-total_households: -0.09
90. health_insurance_coverage-population-
18_to_64_years_employed_civilian_noninstitutionalized_population: -0.09
91. employment status-population-in civilian labor force population 16 years and over: -0.1
92. employment_status-population-in_labor_force_population_16_years_and_over: -0.1
93. employment status-population-in civilian labor force females 16 years and over: -0.1
94. employment status-population-in labor force females 16 years and over: -0.1
95. occupation-population-
sales and office occupations civilian employed population 16 years and over: -0.11
96. class of worker-percent-unpaid family workers-of-
civilian employed population 16 years and over: -0.12
97. health insurance coverage-population-
18 to 64 years in labor force civilian noninstitutionalized population: -0.13
98. income and benefits in 2016 inflation adjusted dollars-families-
100000 to 149999 total families: -0.14
99. health insurance coverage-population-
with private health insurance 18 to 64 years unemployed civilian noninstitutionalized popula
tion: -0.16
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100. class of worker-population-
unpaid_family_workers_civilian_employed_population_16_years_and_over: -0.17
101. health insurance coverage-population-
with_health_insurance_civilian_noninstitutionalized_population: -0.17
102. employment status-population-population 16 years and over: -0.17
103. industry-percent-manufacturing-of-civilian employed population 16 years and over: -0.18
104. industry-population-manufacturing_civilian_employed_population_16_years_and_over: -0.18
105. employment status-population females 16 years and over: -0.18
106. commuting_to_work-population-
public transportation excluding taxicab workers 16 years and over: -0.18
107. occupation-percent-sales_and_office_occupations-of-
civilian_employed_population_16_years_and_over: -0.19
108. health_insurance_coverage-population-
18 to 64 years civilian noninstitutionalized population: -0.19
109. income_and_benefits_in_2016_inflation_adjusted_dollars-percent-75000_to_99999-of-
total households: -0.21
110. income and benefits in 2016 inflation adjusted dollars-households-
50000_to_74999_total_households: -0.21
111. health_insurance_coverage-population-civilian_noninstitutionalized_population: -0.21
112. commuting to work-population-car truck or van alone workers 16 years and over: -0.22
113. income and benefits in 2016 inflation adjusted dollars-families-total families: -0.24
114. commuting to work-percent-car truck or van alone-of-workers 16 years and over: -0.24
115. industry-population-
educational services and health care and social assistance civilian employed population 16 y
ears and over: -0.26
116. income and benefits in 2016 inflation adjusted dollars-percent-75000 to 99999-of-
total_families: -0.26
117. industry-population-retail trade civilian employed population 16 years and over: -0.29
118. commuting_to_work-population-car_truck_or_van_carpooled_workers_16_years_and_over: -
0.29
119. employment_status-percent-not_in_labor_force-of-population_16_years_and_over: -0.29
120. employment status-population-not in labor force population 16 years and over: -0.29
121. income_and_benefits_in_2016_inflation_adjusted_dollars-households-
35000_to_49999_total_households: -0.3
122. commuting to work-percent-car truck or van carpooled-of-workers 16 years and over: -
0.3
123. industry-population-
public administration civilian employed population 16 years and over: -0.3
124. health insurance coverage-population-
with_health_insurance_18_to_64_years_not_in_labor_force_civilian_noninstitutionalized_populati
on: -0.31
125. employment status-population own children of the householder under 6 years: -0.33
126. health insurance coverage-population-
18 to 64 years not in labor force civilian noninstitutionalized population: -0.33
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127. industry-population-
arts_entertainment_and_recreation_and_accommodation_and_food_services_civilian_employed_
population 16 years and over: -0.34
128. employment_status-population-
all parents in family in labor force own children of the householder under 6 years: -0.34
129. industry-percent-public administration-of-civilian employed population 16 years and over:
-0.36
130. health insurance coverage-percent-18 to 64 years not in labor force-of-
civilian_noninstitutionalized_population: -0.36
131. income and benefits in 2016 inflation adjusted dollars-families-
75000 to 99999 total families: -0.36
132. health insurance coverage-percent-no health insurance-of-
under_18_years_civilian_noninstitutionalized_population: -0.38
133. income and benefits in 2016 inflation adjusted dollars-households-
15000_to_24999_total_households: -0.38
134. industry-population-
other services except public administration civilian employed population 16 years and over:
-0.38
135. income and benefits in 2016 inflation adjusted dollars-households-
25000_to_34999_total_households: -0.39
136. health insurance coverage-percent-under 18 years-of-
civilian noninstitutionalized population: -0.39
137. income_and_benefits_in_2016_inflation_adjusted_dollars-households-
less_than_10000_total_households: -0.4
138. industry-percent-retail trade-of-civilian employed population 16 years and over: -0.4
139. health insurance coverage-population-
no health insurance under 18 years civilian noninstitutionalized population: -0.4
140. health insurance coverage-population-
under 18 years civilian noninstitutionalized population: -0.41
141. industry-population-construction civilian employed population 16 years and over: -0.41
142. employment status-population own children of the householder 6 to 17 years: -0.42
143. income_and_benefits_in_2016_inflation_adjusted_dollars-households-
10000 to 14999 total households: -0.42
144. employment_status-population-
all parents in family in labor force own children of the householder 6 to 17 years: -0.43
145. people_whose_income_in_past_12m_is_below_poverty_level-percent-
married couple families with 5 years only related children under-of-all families: -0.43
146. people whose income in past 12m is below poverty level-percent-65 years and over-
of-all people: -0.44
147. health insurance coverage-population-no health insurance-
18_to_64_years_unemployed_civilian_noninstitutionalized_population: -0.44
148. class of worker-population-
government_workers_civilian_employed_population_16_years_and_over: -0.45
149. industry-percent-construction-of-civilian_employed_population_16_years_and_over: -0.45
150. health_insurance_coverage-percent-no_health_insurance-of-
18 to 64 years not in labor force civilian noninstitutionalized population: -0.45
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151. health insurance coverage-population-
no health insurance 18 to 64 years not in labor force civilian noninstitutionalized populatio
n: -0.45
152. employment_status-population-unemployed_population_16_years_and_over: -0.46
153. health insurance coverage-population-
with public health insurance civilian noninstitutionalized population: -0.46
154. income and benefits in 2016 inflation adjusted dollars-percent-35000 to 49999-of-
total households: -0.47
155. industry-percent-educational_services_and_health_care_and_social_assistance-of-
civilian_employed_population_16_years_and_over: -0.47
156. health_insurance_coverage-population-
18 to 64 years unemployed civilian noninstitutionalized population: -0.48
157. health_insurance_coverage-population-
with health insurance 18 to 64 years unemployed civilian noninstitutionalized population: -
0.48
158. industry-percent-
arts entertainment and recreation and accommodation and food services-of-
civilian employed population 16 years and over: -0.48
159. occupation-population-
natural_resources_construction_and_maintenance_occupations_civilian_employed_population_16
_years_and_over: -0.48
160. income_and_benefits_in_2016_inflation_adjusted_dollars-households-
households with cash public assistance income: -0.48
161. income_and_benefits_in_2016_inflation_adjusted_dollars-households-
households with supplemental security income: -0.49
162. income and benefits in 2016 inflation adjusted dollars-families-
10000 to 14999 total families: -0.49
163. people whose income in past 12m is below poverty level-percent-
married couple families-of-all families: -0.5
164. people whose income in past 12m is below poverty level-percent-
married_couple_families_with_under_18_years_related_children-of-all_families: -0.5
165. income_and_benefits_in_2016_inflation_adjusted_dollars-families-
less_than_10000_total_families: -0.5
166. income and benefits in 2016 inflation adjusted dollars-families-
50000 to 74999 total families: -0.5
167. commuting to work-percent-public transportation excluding taxicab-of-
workers 16 years and over: -0.5
168. health insurance coverage-population-
no health insurance civilian noninstitutionalized population: -0.51
169. people whose income in past 12m is below poverty level-percent-
families with female householder no husband with under 18 years related children-of-
all families: -0.51
170. income_and_benefits_in_2016_inflation_adjusted_dollars-percent-50000_to_74999-of-
total households: -0.51
171. health_insurance_coverage-population-
no health insurance 18 to 64 years employed civilian noninstitutionalized population: -0.51
172. income_and_benefits_in_2016_inflation_adjusted_dollars-percent-15000_to_24999-of-
total households: -0.51
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173. income and benefits in 2016 inflation adjusted dollars-families-
35000_to_49999_total_families: -0.51
174. occupation-population-
service occupations civilian employed population 16 years and over: -0.52
175. health insurance coverage-percent-with public health insurance-of-
civilian noninstitutionalized population: -0.52
176. income and benefits in 2016 inflation adjusted dollars-families-
15000 to 24999 total families: -0.53
177. industry-population-
transportation and warehousing and utilities civilian employed population 16 years and over
: -0.53
178. occupation-population-
production transportation and material moving occupations civilian employed population 16
years and over: -0.53
179. people whose income in past 12m is below poverty level-percent-
families_with_female_householder_no_husband_with_under_5_years_only_related_children-of-
all families: -0.53
180. income and benefits in 2016 inflation adjusted dollars-percent-25000 to 34999-of-
total households: -0.53
181. health_insurance_coverage-population-
with public health insurance 18 to 64 years not in labor force civilian noninstitutionalized
population: -0.53
182. income_and_benefits_in_2016_inflation_adjusted_dollars-families-
25000 to 34999 total families: -0.54
183. income_and_benefits_in_2016_inflation_adjusted_dollars-households-
households with food stampsnap benefits in the past 12 months: -0.54
184. health insurance coverage-population-
with public health insurance 18 to 64 years employed civilian noninstitutionalized populatio
n: -0.54
185. income and benefits in 2016 inflation adjusted dollars-percent-less than 10000-of-
total families: -0.55
186. people_whose_income_in_past_12m_is_below_poverty_level-percent-
families with under 5 years only related children-of-all families: -0.55
187. people_whose_income_in_past_12m_is_below_poverty_level-percent-
related children 5 to 17 years-of-all people: -0.56
188. health_insurance_coverage-percent-with_public_health_insurance-of-
18 to 64 years unemployed civilian noninstitutionalized population: -0.56
189. occupation-percent-natural resources construction and maintenance occupations-of-
civilian employed population 16 years and over: -0.56
190. employment status-percent-unemployed-of-population 16 years and over: -0.57
191. income and benefits in 2016 inflation adjusted dollars-percent-35000 to 49999-of-
total families: -0.57
192. health insurance coverage-population-
with public health insurance 18 to 64 years unemployed civilian noninstitutionalized populat
ion: -0.57
193. income and benefits in 2016 inflation adjusted dollars-percent-10000 to 14999-of-
total households: -0.57
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194. people whose income in past 12m is below poverty level-percent-
families_with_female_householder_no_husband-of-all_families: -0.58
195. income and benefits in 2016 inflation adjusted dollars-percent-10000 to 14999-of-
total families: -0.58
196. income and benefits in 2016 inflation adjusted dollars-percent-
with cash public assistance income-of-total households: -0.58
197. people whose income in past 12m is below poverty level-percent-
related_children_under_18_years-of-all_people: -0.58
198. income_and_benefits_in_2016_inflation_adjusted_dollars-percent-15000_to_24999-of-
total families: -0.58
199. income and benefits in 2016 inflation adjusted dollars-percent-less than 10000-of-
total households: -0.58
200. income and benefits in 2016 inflation adjusted dollars-percent-
households with supplemental security income-of-total households: -0.59
201. health insurance coverage-percent-18 to 64 years unemployed-of-
civilian noninstitutionalized population: -0.59
202. industry-percent-transportation and warehousing and utilities-of-
civilian employed population 16 years and over: -0.59
203. occupation-percent-production transportation and material moving occupations-of-
civilian_employed_population_16_years_and_over: -0.59
204. people whose income in past 12m is below poverty level-percent-under 18 years-of-
all people: -0.59
205. employment_status-percent-unemployed-of-
civilian labor force population 16 years and over: -0.59
206. income_and_benefits_in_2016_inflation_adjusted_dollars-percent-50000_to_74999-of-
total families: -0.59
207. people_whose_income_in_past_12m_is_below_poverty_level-percent-
related children under 5 years-of-all people: -0.59
208. people_whose_income_in_past_12m_is_below_poverty_level-percent-people_in_families-of-
all families: -0.6
209. industry-percent-other_services_except_public_administration-of-
civilian_employed_population_16_years_and_over: -0.6
210. class of worker-percent-government workers-of-
civilian_employed_population_16_years_and_over: -0.61
211. people whose income in past 12m is below poverty level-percent-families-of-
all families: -0.62
212. people whose income in past 12m is below poverty level-percent-
families with under 18 years related children-of-all families: -0.62
213. health insurance coverage-percent-with public health insurance-of-
18 to 64 years not in labor force civilian noninstitutionalized population: -0.62
214. people_whose_income_in_past_12m_is_below_poverty_level-percent-
unrelated_individuals_15_years_and_over-of-all_families: -0.62
215. income_and_benefits_in_2016_inflation_adjusted_dollars-percent-
households with food stampsnap benefits in the past 12 months-of-total households: -0.62
216. people_whose_income_in_past_12m_is_below_poverty_level-percent-18_to_64_years-of-
all people: -0.62
217. people whose income in past 12m is below poverty level-percent-18 years and over-
of-all people: -0.62
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- 218. occupation-percent-service_occupations-of-civilian_employed_population_16_years_and_over: -0.62
- $219.\ income_and_benefits_in_2016_inflation_adjusted_dollars-percent-25000_to_34999-oftotal_families: -0.63$
- 220. health_insurance_coverage-percent-with_public_health_insurance-of-
- 18_to_64_years_employed_civilian_noninstitutionalized_population: -0.63
- 221. people_whose_income_in_past_12m_is_below_poverty_level-percent-people-of-all_people: 0.63
- 222. commuting_to_work-minutes-mean_travel_time_to_work_minutes: -0.65
- 223. health_insurance_coverage-percent-no_health_insurance-of-
- 18_to_64_years_employed_civilian_noninstitutionalized_population: -0.65
- ${\tt 224.\ health_insurance_coverage-percent-no_health_insurance-of-}$

civilian_noninstitutionalized_population: -0.67