PHILADELPHIA REGIONAL HOUSE PRICE INDICES

December 23, 2016

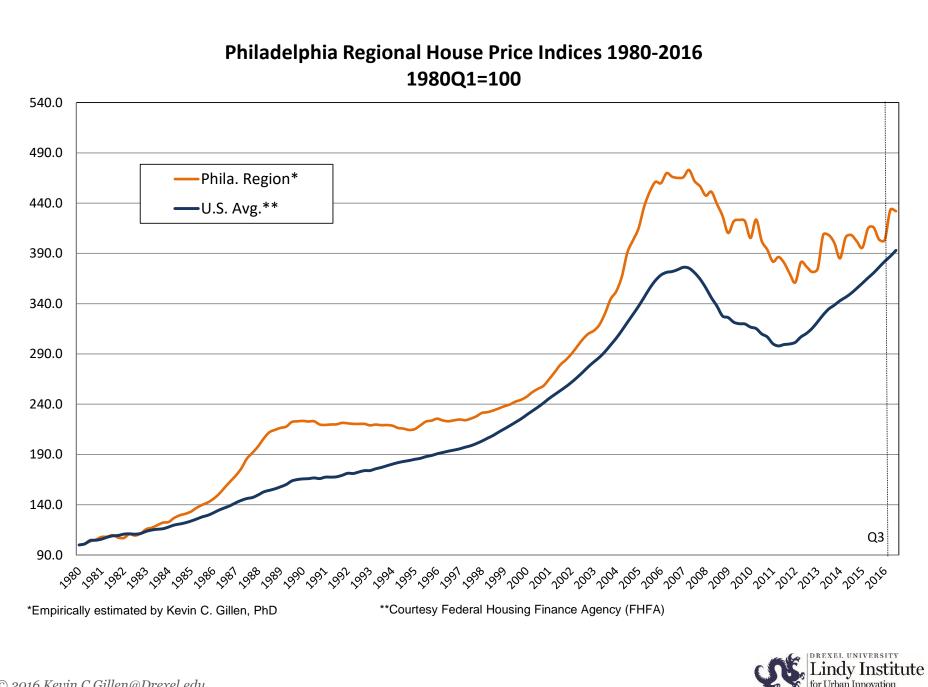


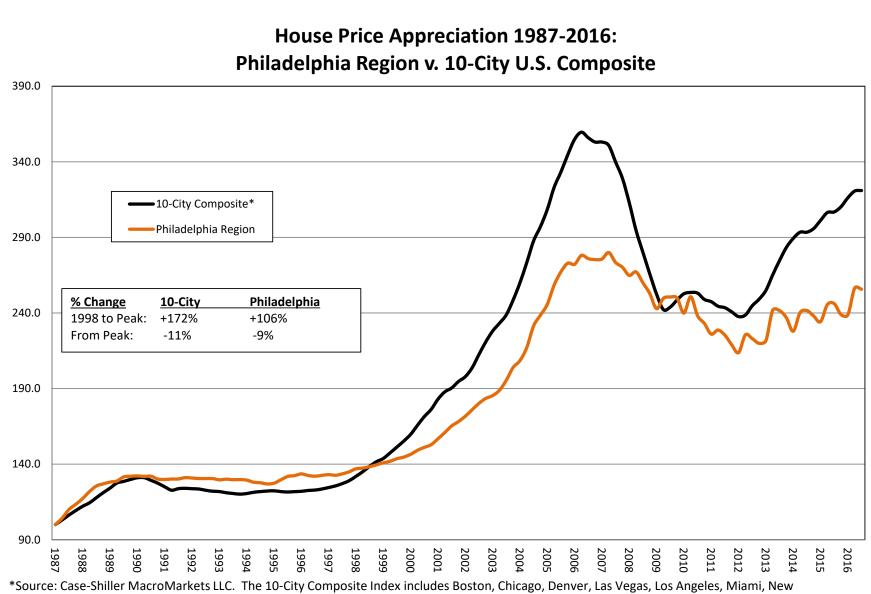
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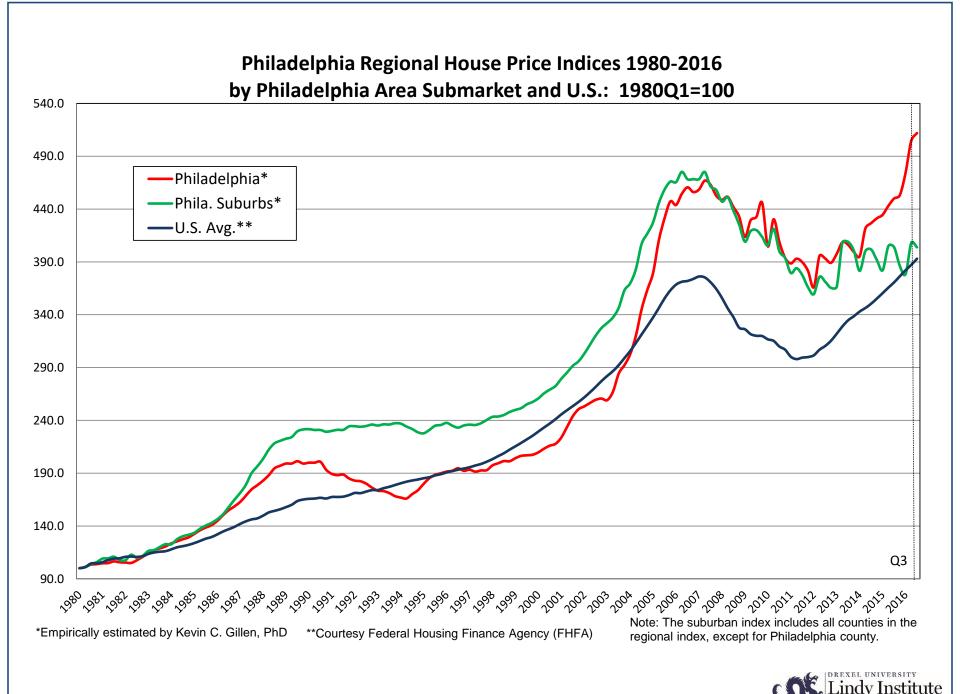






York, San Diego, San Francisco and Washington DC. It does not include Philadelphia.





Urban Innovation

Total House Price Appreciation Rates by Philadelphia Area Submarket and U.S.

Period	Philadelphia Region*	Philadelphia County*	Philadelphia Suburbs*	U.S.A. **	
37-Year	146.3%	163.3%	139.6%	136.9%	
10-Year	-7.6%	10.6%	-14.8%	5.5% 5.9%	
1-Year	3.8%	12.9%	0.0%		
1-Quarter	-0.3%	1.4%	-1.0%	1.5%	
*Empirically estimated					

**Source: Federal Housing Finance Agency (FHFA). FHFA numbers are through 2016 Q3.



Philadelphia Regional House Price Indices 1980-2016, by County 1980Q1=100 Philadelphia* 590.0 Bucks Chester -Delaware -Montgomery 490.0 New Castle Mercer Burlington 390.0 Camden Gloucester Salem 290.0 190.0 Q3 90.0 1000 2015 2016 *All indices empirically estimated by Kevin C. Gillen, PhD ndv Institute

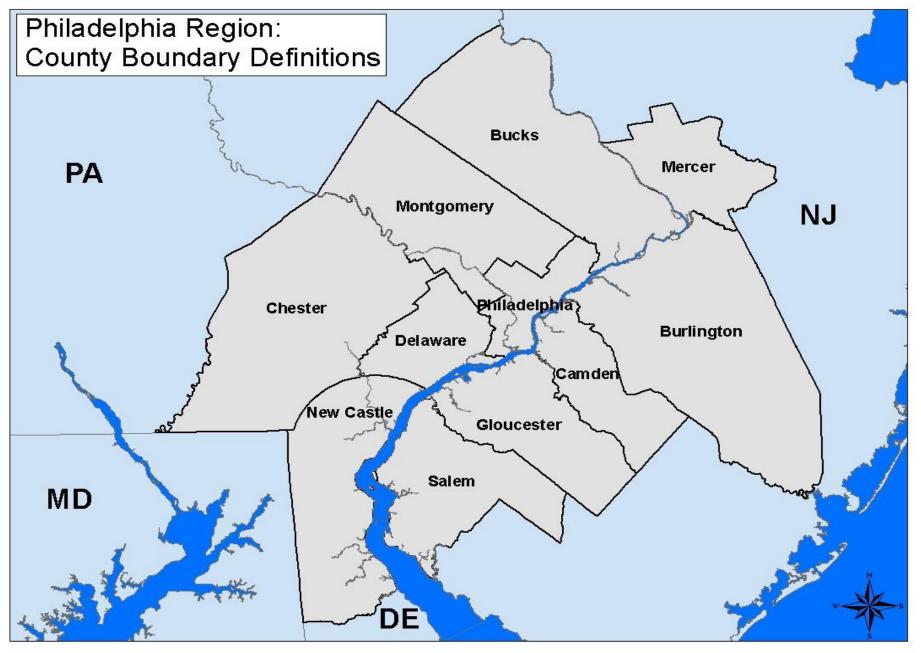
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Philadelphia Region House Price Appreciation Rates by County

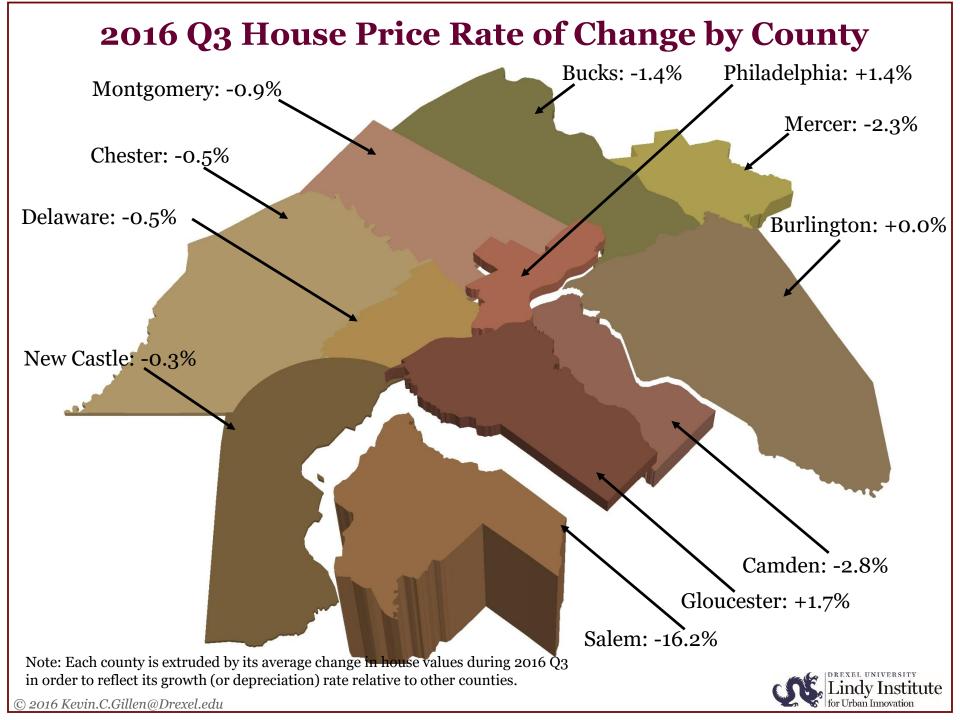
Period	Philadelphia	Bucks	Chester	Delaware	Montgomery	New Castle	Mercer	Burlington	Camden	Gloucester	Salem
37-Year	163.3%	156.9%	155.1%	132.4%	144.2%	132.9%	159.9%	122.0%	116.4%	137.0%	102.7%
10-Year	10.6%	-13.4%	-3.0%	-16.7%	-12.9%	-17.8%	-15.3%	-27.6%	-33.6%	-19.0%	-55.3%
1-Year	12.9%	0.3%	2.3%	2.5%	2.1%	0.5%	-3.0%	-1.7%	-0.4%	0.9%	-18.6%
1-Quarter	1.4%	-1.4%	-0.5%	-0.5%	-0.9%	-0.3%	-2.3%	0.0%	-2.8%	1.7%	-16.2%

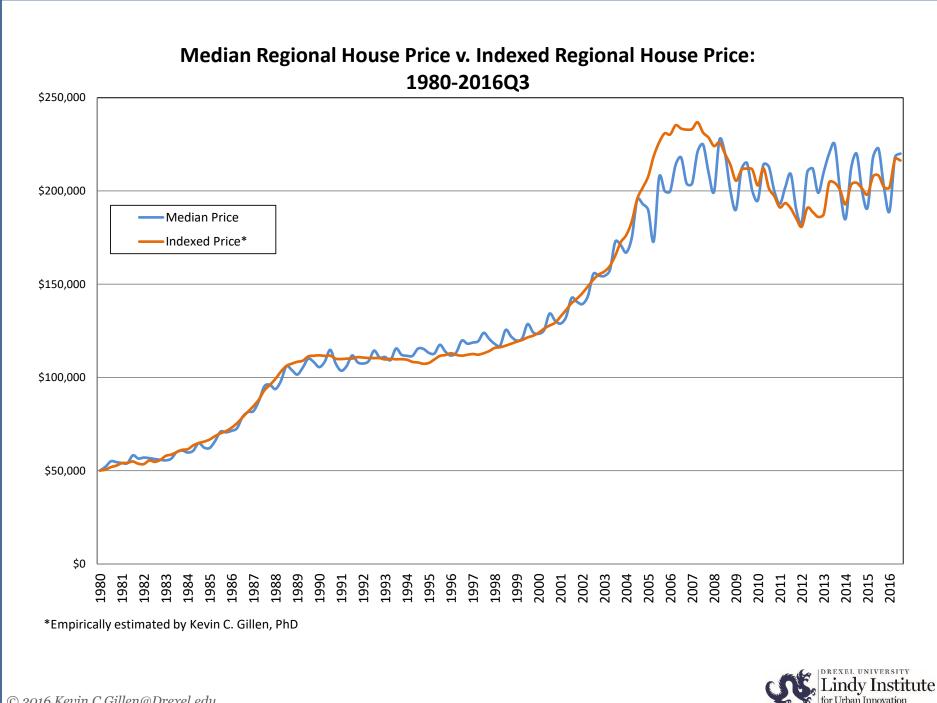
All county-level indices and appreciation rates estimated by Kevin C. Gillen, Ph.D.





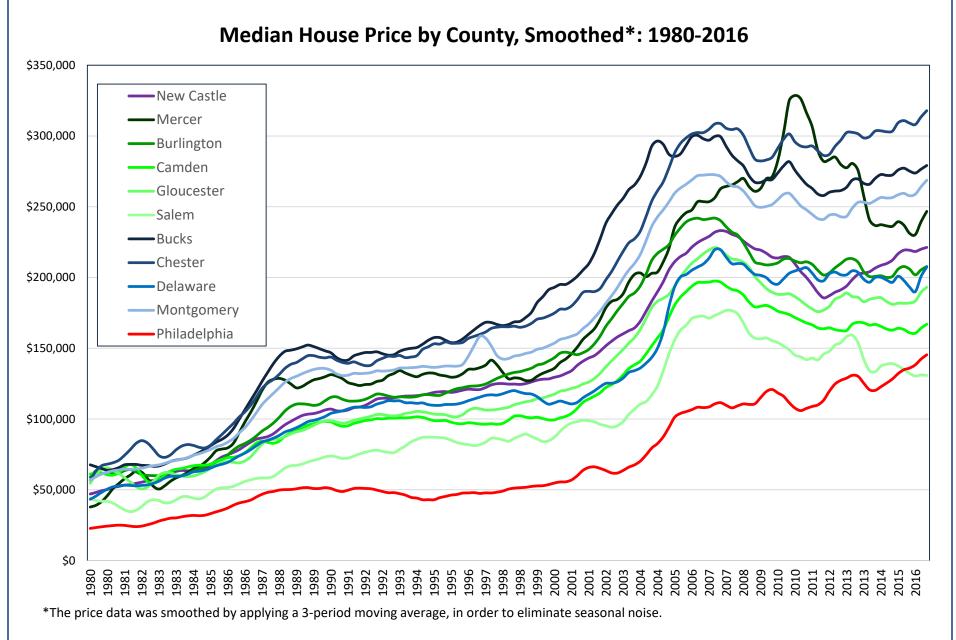




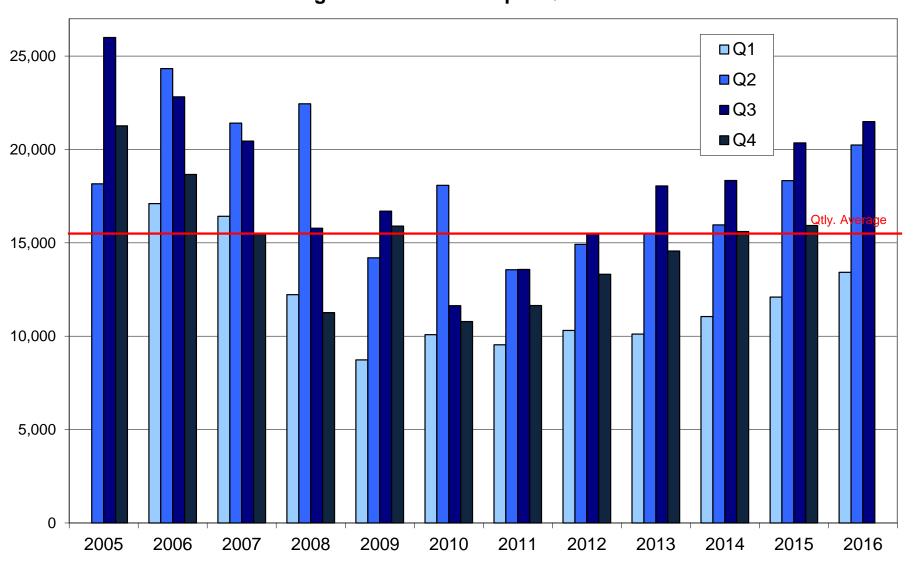


\$400,000 -New Castle -Mercer \$350,000 -Burlington Camden \$300,000 Gloucester Salem \$250,000 -Bucks -Chester \$200,000 -Delaware Montgomery \$150,000 Philadelphia \$100,000 \$50,000 \$0 Lindy Institute for Urban Innovation

Median House Price by County: 1980-2016

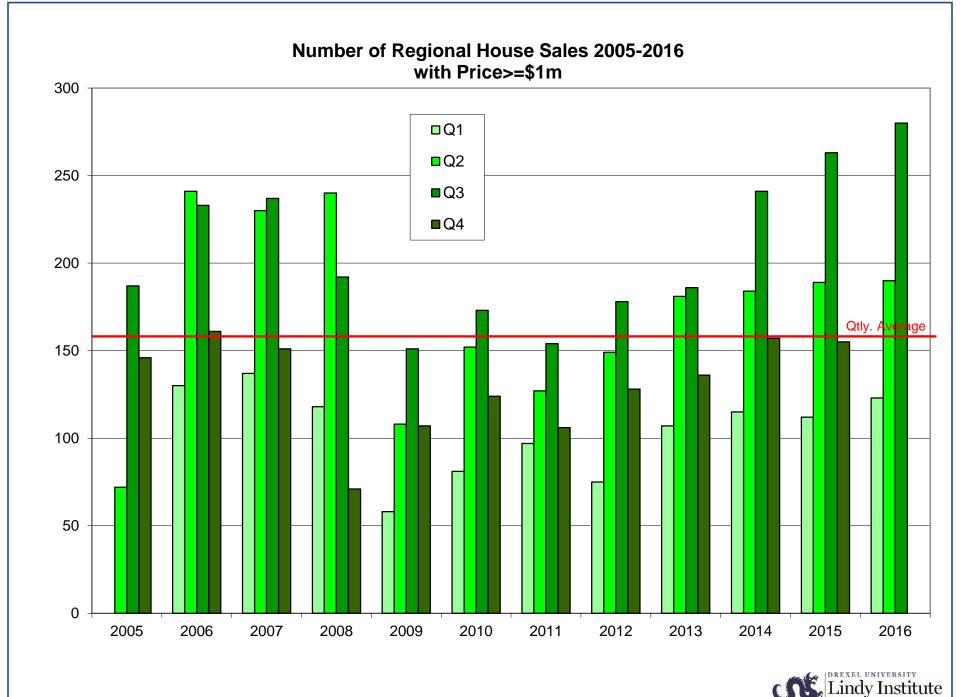






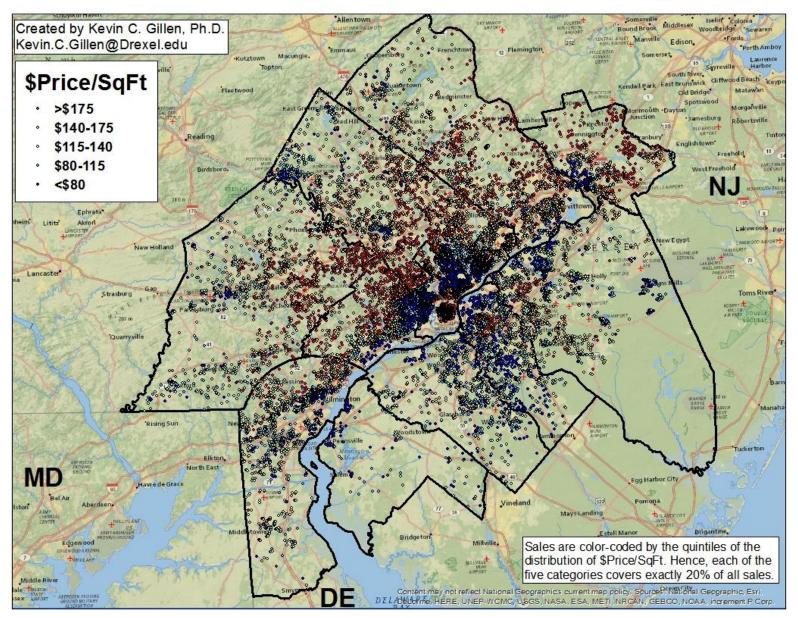
Number of Regional House Sales per Quarter: 2005-2016





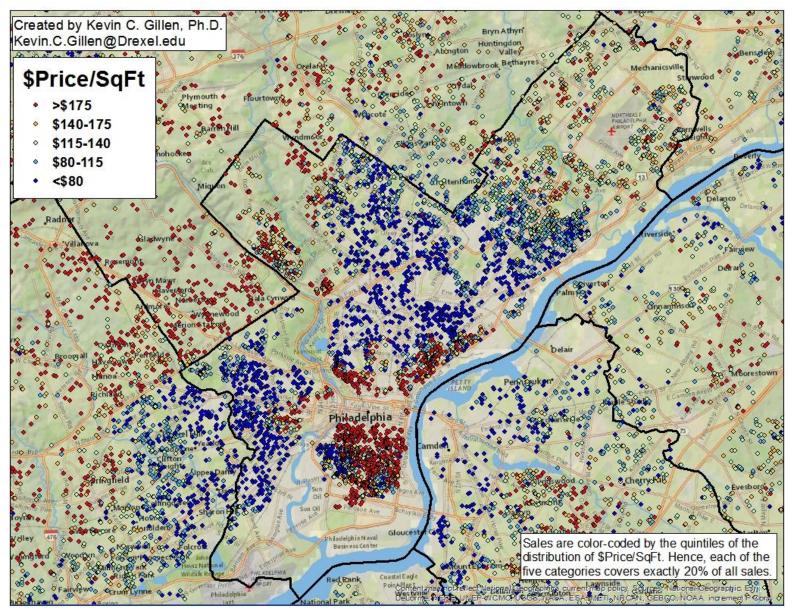
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Philadelphia Region House Sales in 2016 Q3



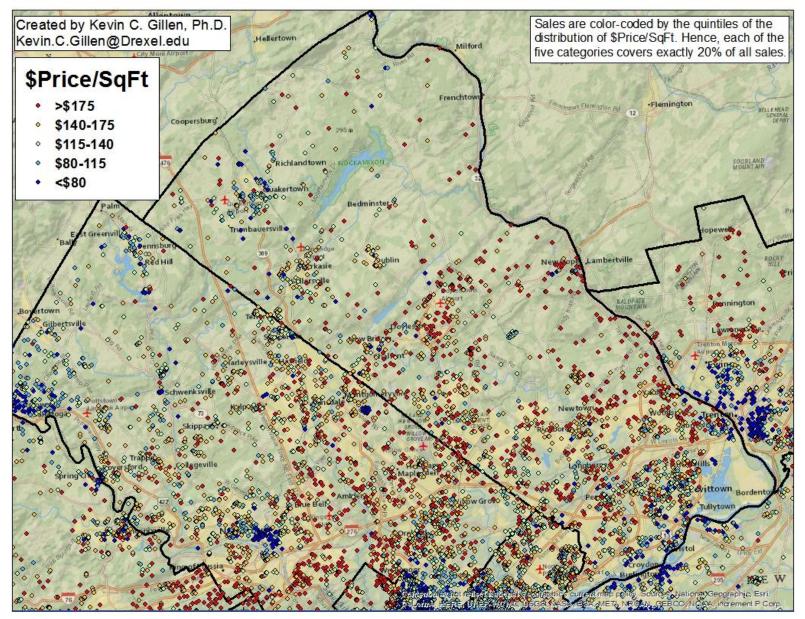


Philadelphia County House Sales in 2016 Q3



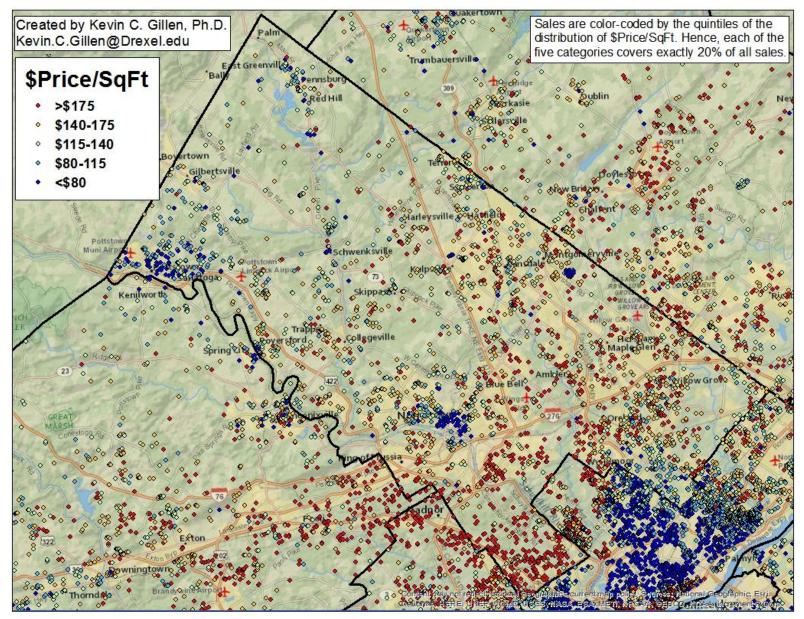


Bucks County House Sales in 2016 Q3



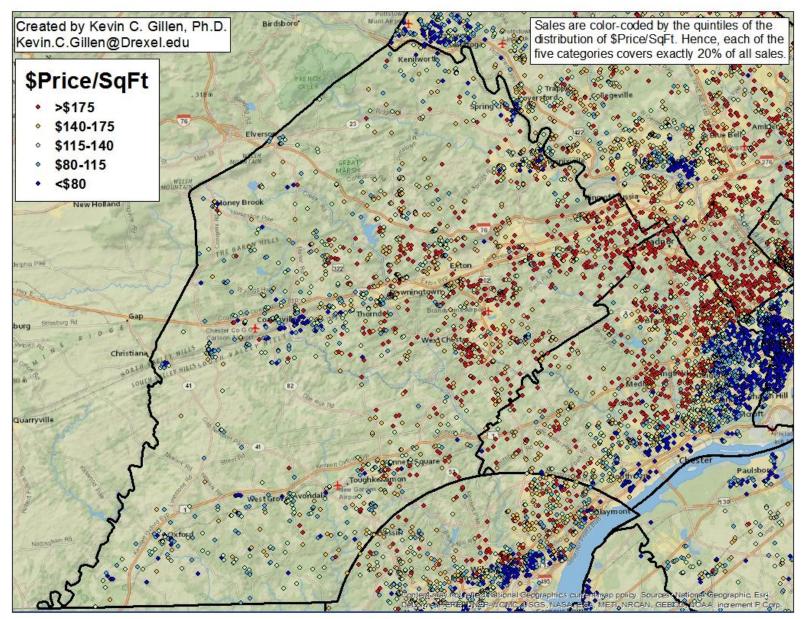


Montgomery County House Sales in 2016 Q3



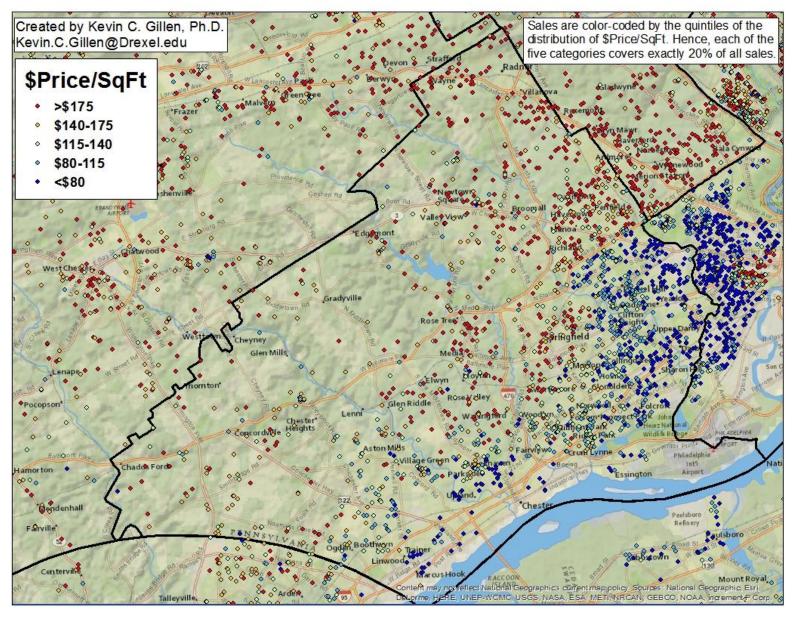


Chester County House Sales in 2016 Q3



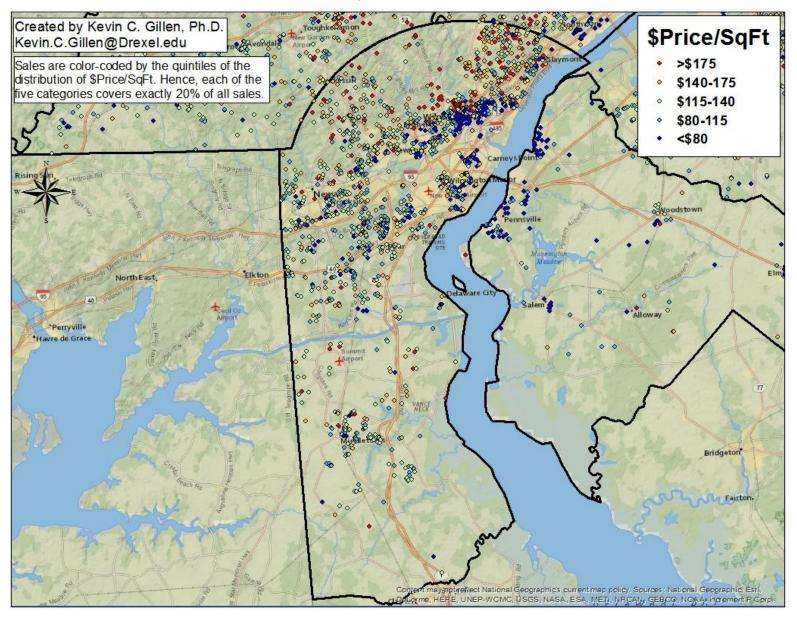


Delaware County House Sales in 2016 Q3



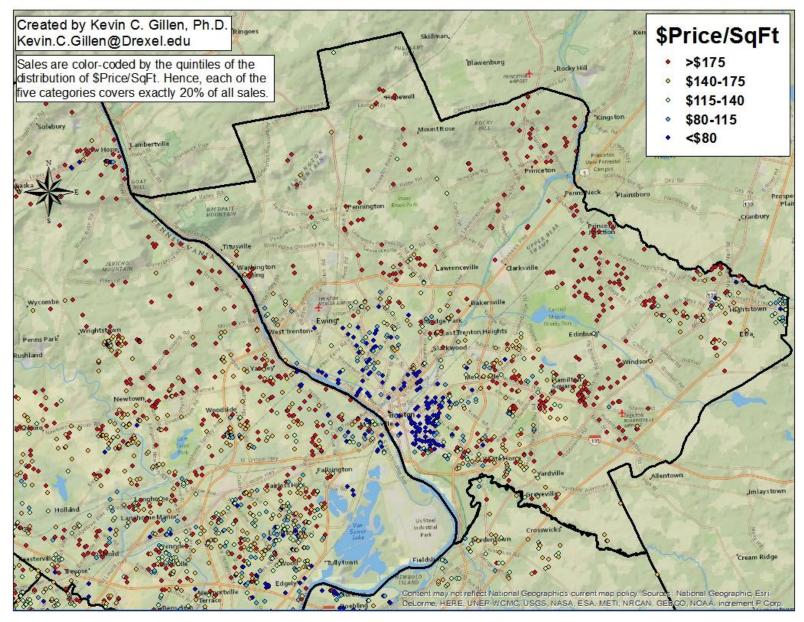


New Castle County House Sales in 2016 Q3



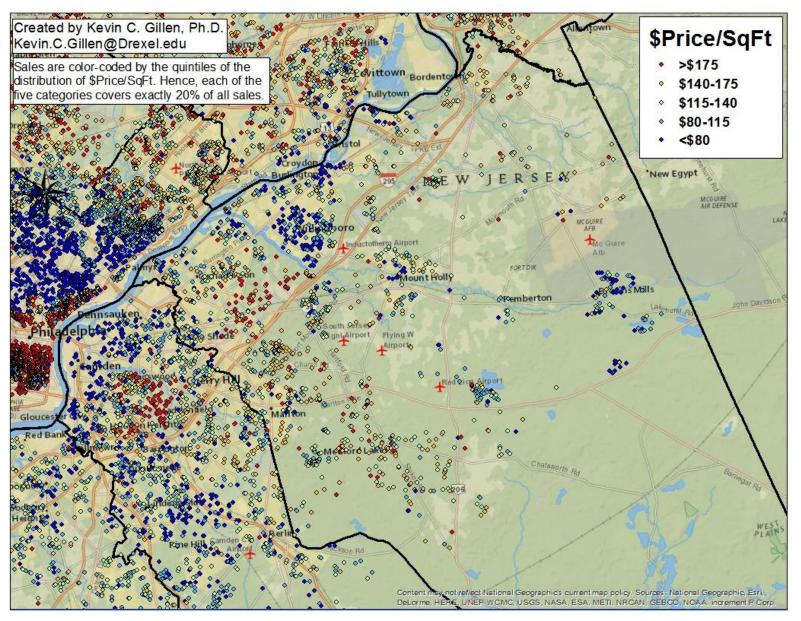


Mercer County House Sales in 2016 Q3



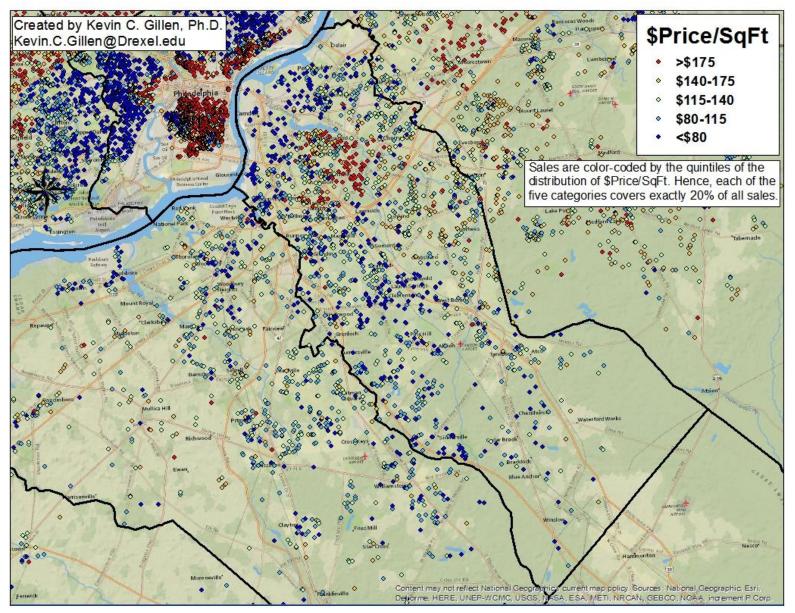


Burlington County House Sales in 2016 Q3



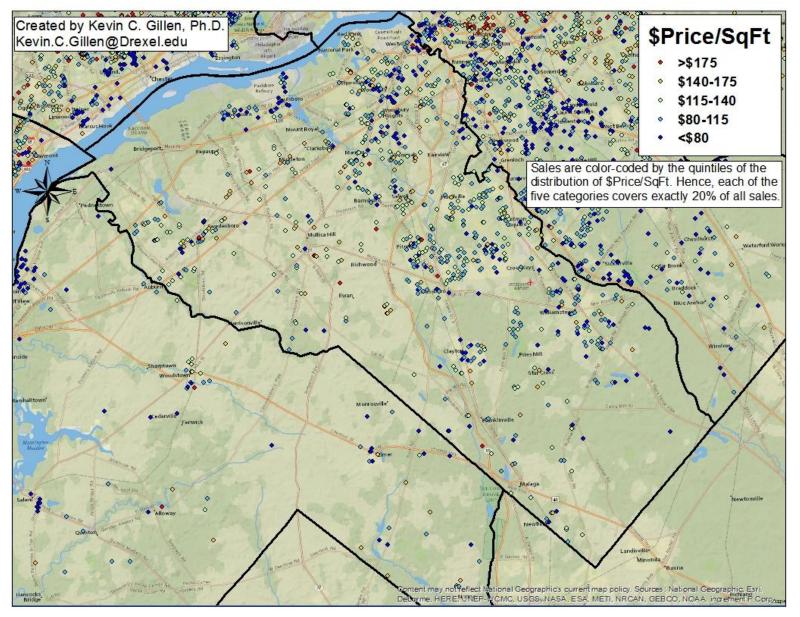


Camden County House Sales in 2016 Q3



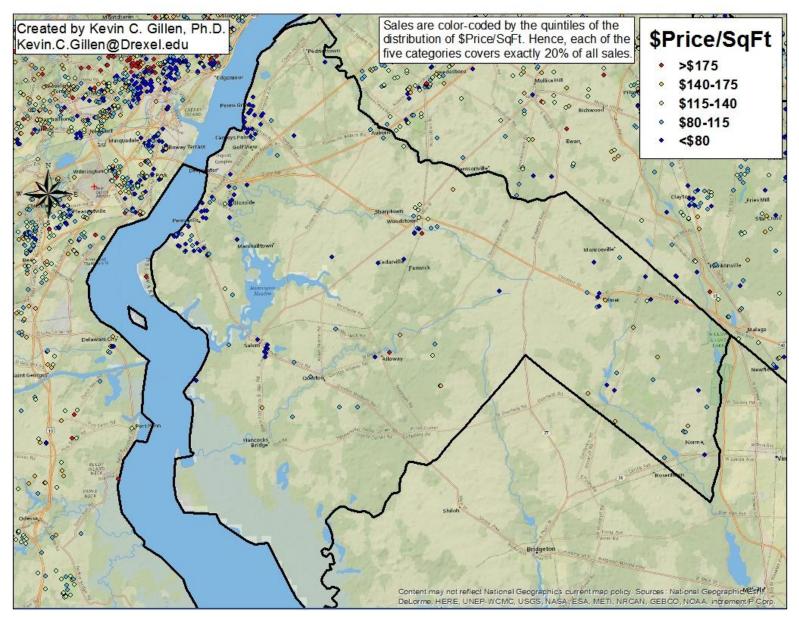


Gloucester County House Sales in 2016 Q3



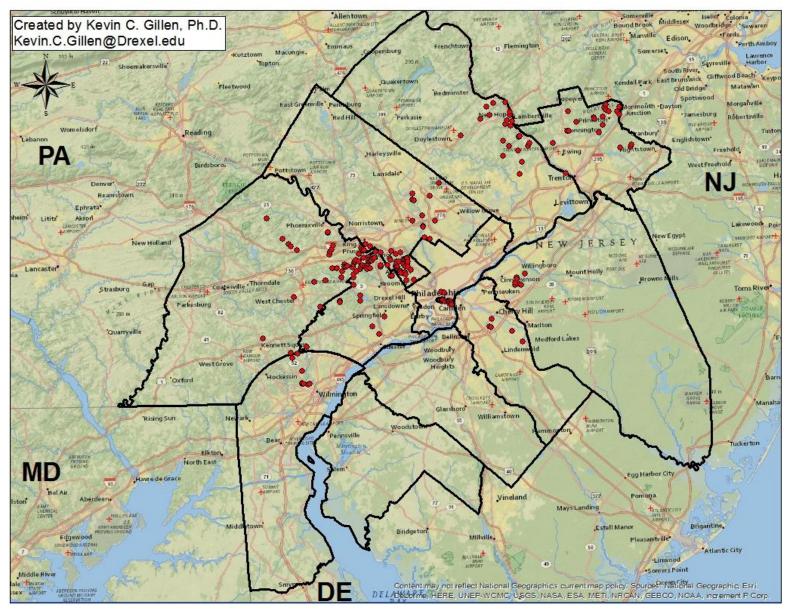


Salem County House Sales in 2016 Q3

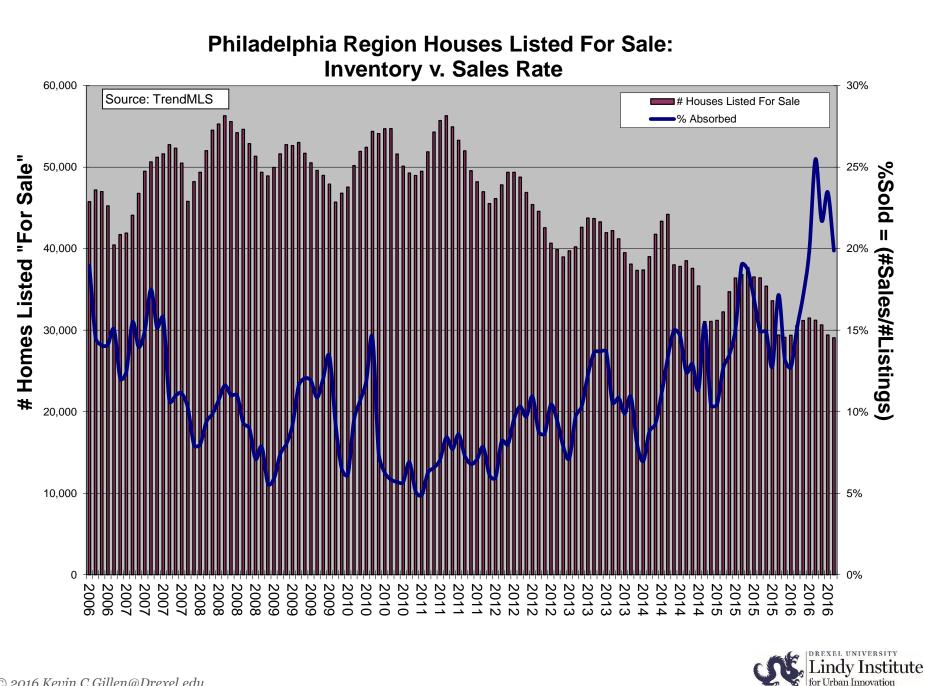


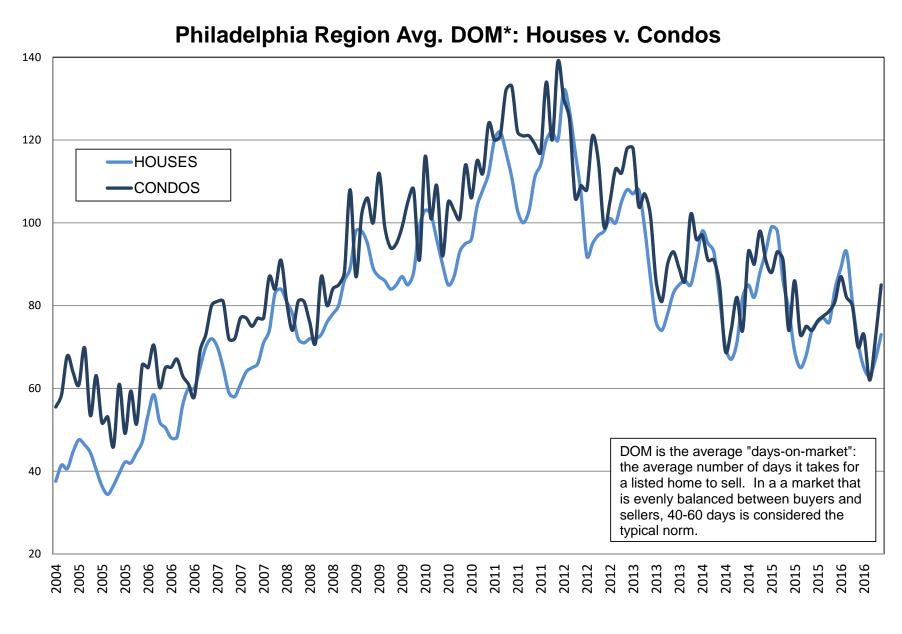


+\$1 Million Dollar House Sales in 2016 Q3





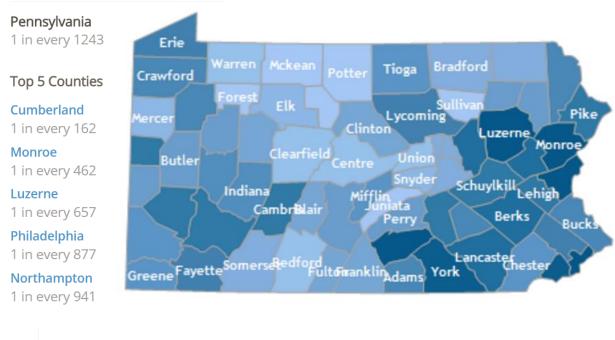


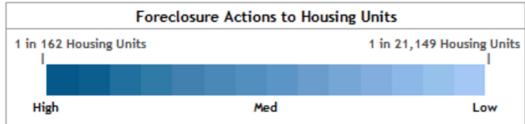




Pennsylvania Foreclosure Rates

FORECLOSURE RATES FOR PENNSYLVANIA





1 out of every 877 homes in Philadelphia is currently in the process of foreclosure, which is down from 1 out of every 720 homes in the previous quarter.

In the entire Commonwealth, 1 out of every 1,243 homes in Pennsylvania is in the process of foreclosure, which is up from 1 out of every 1,510 homes in the previous quarter.

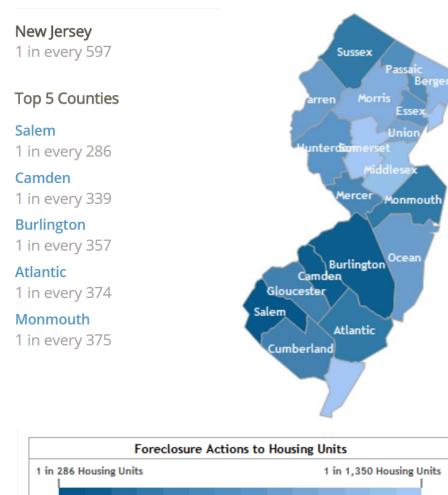


Source: http://www.realtytrac.com/statsandtrends/foreclosuretrends/pa © 2016 Kevin.C.Gillen@Drexel.edu

New Jersey Foreclosure Rates

Low

FORECLOSURE RATES FOR NEW JERSEY



South Jersey's foreclosure rate continues to remain the highest in the region, and the statewide foreclosure rate trended up in Q3.

Of the top five counties in NJ with the highest foreclosure rate, four of them are located in South Jersey, with an average foreclosure rate of 1 in every 339 homes. This is well above the statewide average of 1 in every 597 homes.

The statewide foreclosure rate increased slightly in Q3, from 1 in every 608 homes to 1 in every 597 homes.

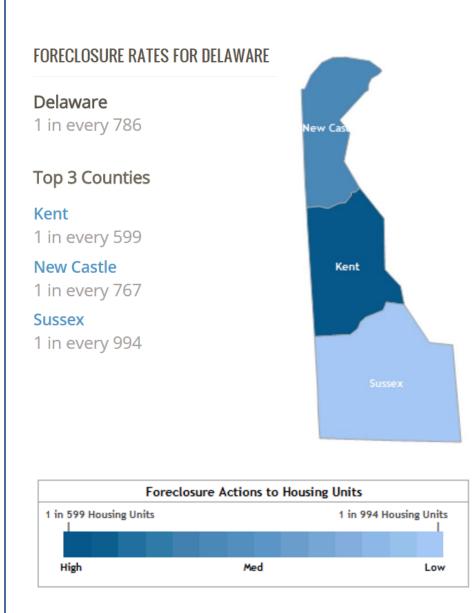


Source: http://www.realtytrac.com/statsandtrends/foreclosuretrends/nj © 2016 Kevin.C.Gillen@Drexel.edu

Med

High

Delaware Foreclosure Rates

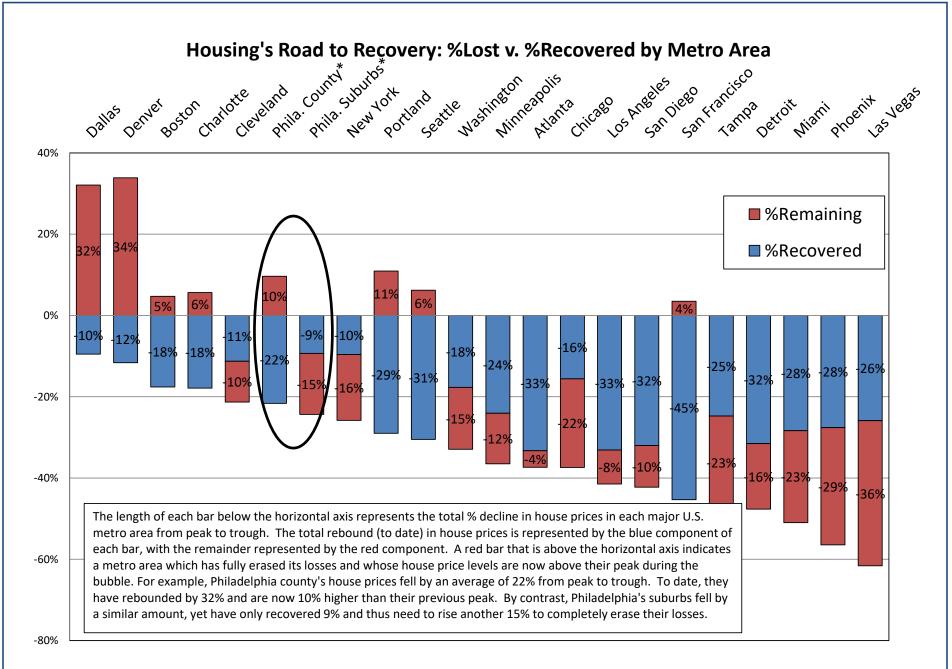


Source: http://www.realtytrac.com/statsandtrends/foreclosuretrends/de © 2016 Kevin.C.Gillen@Drexel.edu

This quarter, Delaware saw significant improvements in its foreclosure rates:

- 1 out of every 767 homes in New Castle County, down from 1 out of every 551 homes in the previous quarter.
- 1 out of every 599 homes in Kent County, down from 1 out of every 375 homes in the previous quarter.
- 1 out every 994 homes in Sussex County, down from 1 out of every 828 homes in the previous quarter.
- Statewide, the foreclosure rate declined from 1 in every 566 homes to 1 in every 786 homes.





*Empirically estimated by Kevin C. Gillen, Ph.D. All other metros courtesy of S&P Case-Shiller.

