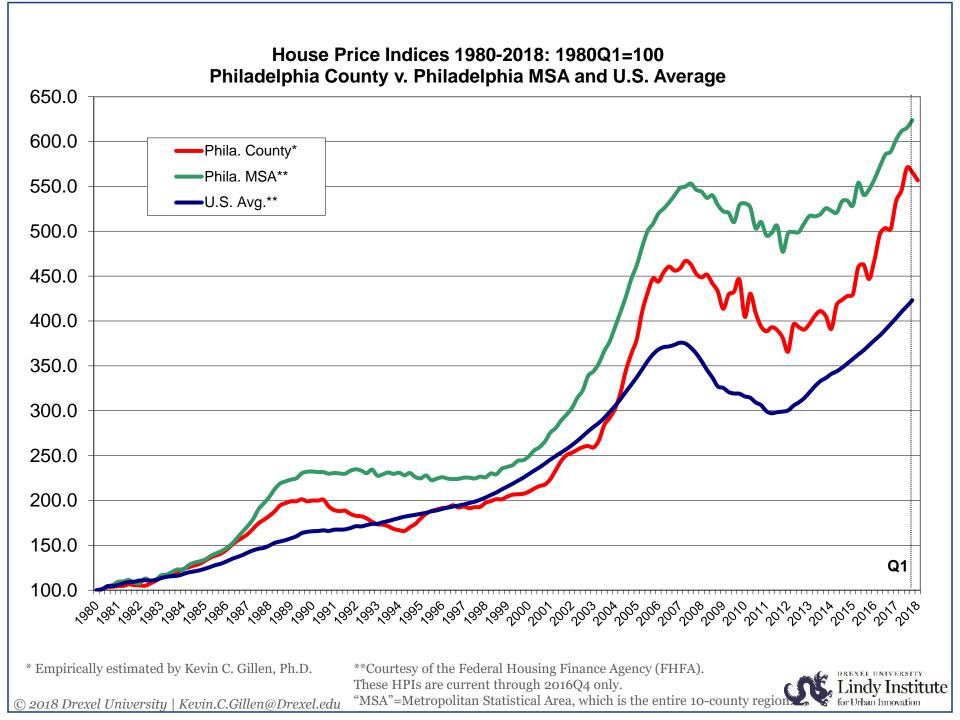
# PHILADELPHIA HOUSE PRICE INDICES

# April 18, 2018

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**Disclaimers and Acknowledgments**: The Lindy Institute for Urban Innovation at Drexel University provides this report free of charge to the public. The report is produced by Kevin C. Gillen Ph.D.. The author thanks Azavea.com, the Philadelphia Office of Property Assessment, the Federal Housing Finance Agency, Case-Shiller MacroMarkets LLC, RealtyTrac, Zillow.com, Trulia.com and the NAHB for making their data publicly available. © 2016, Drexel University, All Rights Reserved.





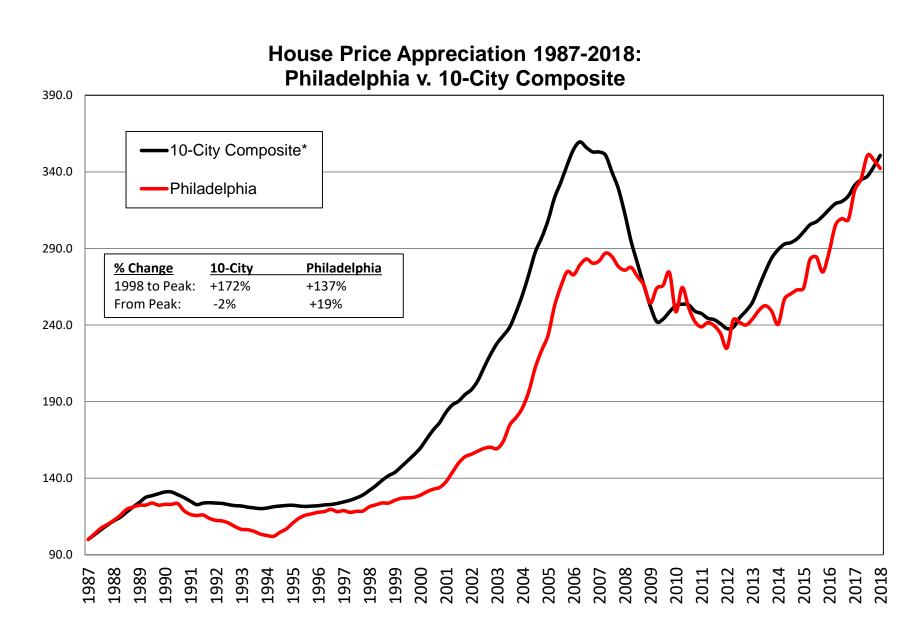
## **Total House Price Appreciation Rates by Geographic Market**

Period	Philadelphia County*	Philadelphia MSA**	<b>U.S.A.</b> **
38-Year	171.7%	183.1%	144.3%
10-Year	21.6%	13.3%	15.1%
1-Year	4.3%	5.8%	6.5%
1-Quarter	-1.6%	1.4%	1.6%

\*Empirically estimated by Kevin C. Gillen Ph.D.

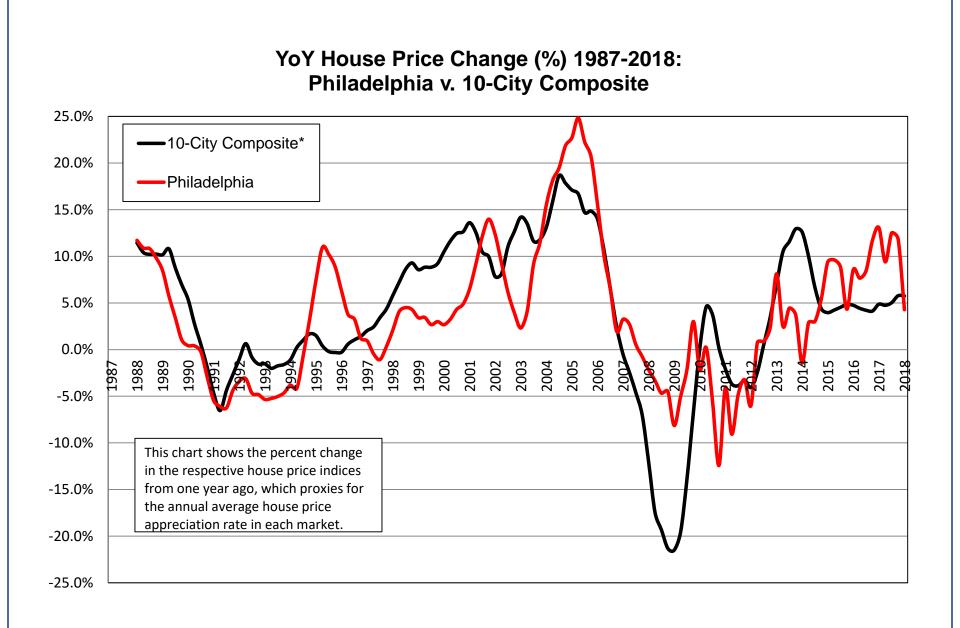
\*\*Source: U.S. Federal Housing Finance Agency (FHFA). These numbers are through 2017Q4 only. "MSA"="Metropolitan Statistical Area", which is the entire 10-county region.





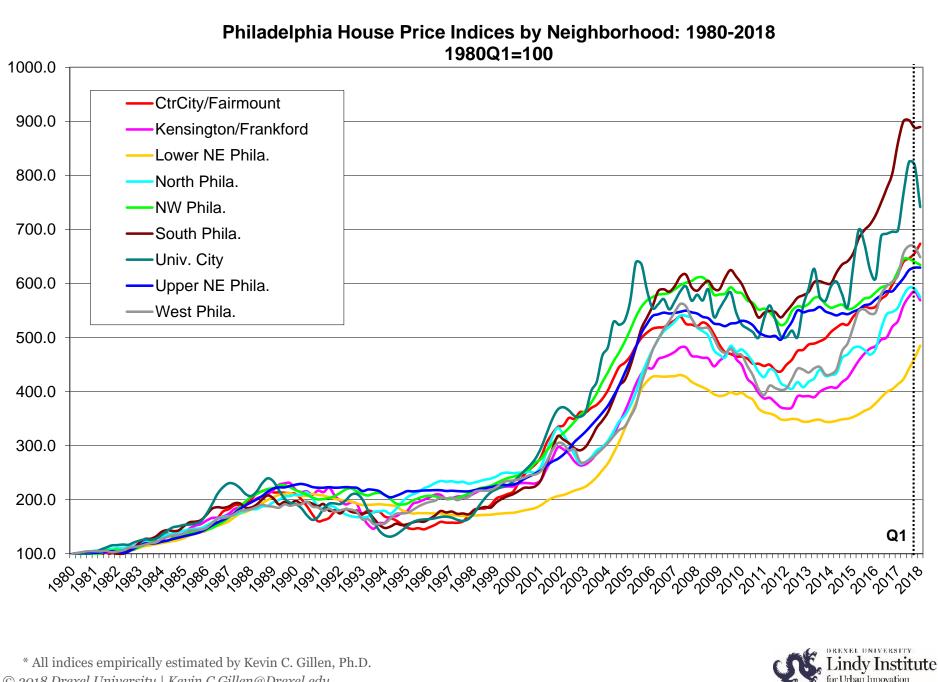
\*Source: S&P/Case-Shiller. The 10-City Composite index includes Boston, Chicago, Denver, Las Vegas, Los Angeles, Miami, New York, San Diego, San Francisco, and Washington, DC. It does not include Philadelphia.





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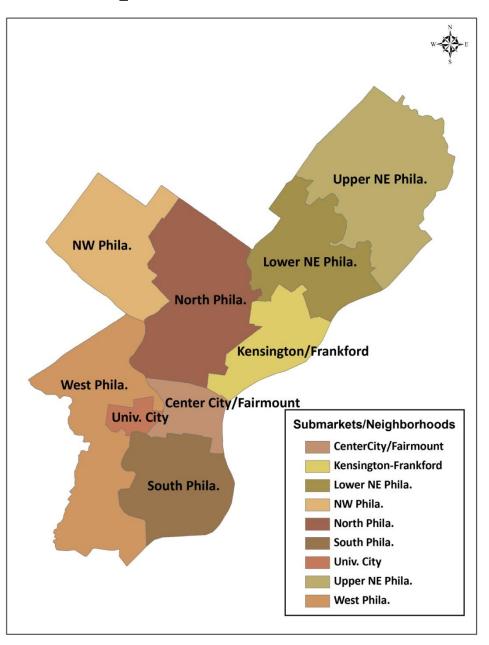
Period	Center City/ Fairmount	Kensington /Frankford	Lower NE Phila.	North Phila.	NW Phila.	South Phila.	Univ. City	Upper NE Phila.	West Phila.
38-year	190.7%	173.8%	157.9%	174.8%	184.8%	218.5%	200.3%	184.0%	186.9%
10-year	<b>25.</b> 7%	20.2%	16.2%	10.3%	3.8%	41.6%	24.7%	14.5%	22.1%
1-Year	8.8%	7.0%	15.9%	3.4%	1.9%	3.4%	6.0%	5.2%	5.4%
1-Quarter	2.7%	-2.8%	4.9%	-2.7%	-0.9%	0.1%	-10.0%	0.0%	-2.9%

## Philadelphia House Price Appreciation Rates by Submarket

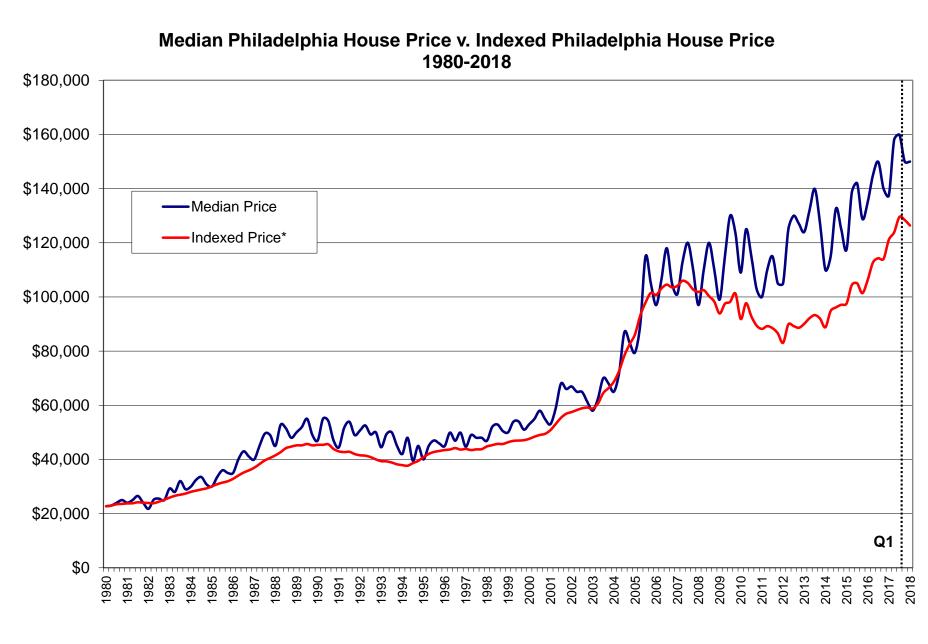
This table gives the total % change in average house values by submarket, through 2018 Q1, from different starting points in time.



## **Philadelphia Submarket Boundaries**

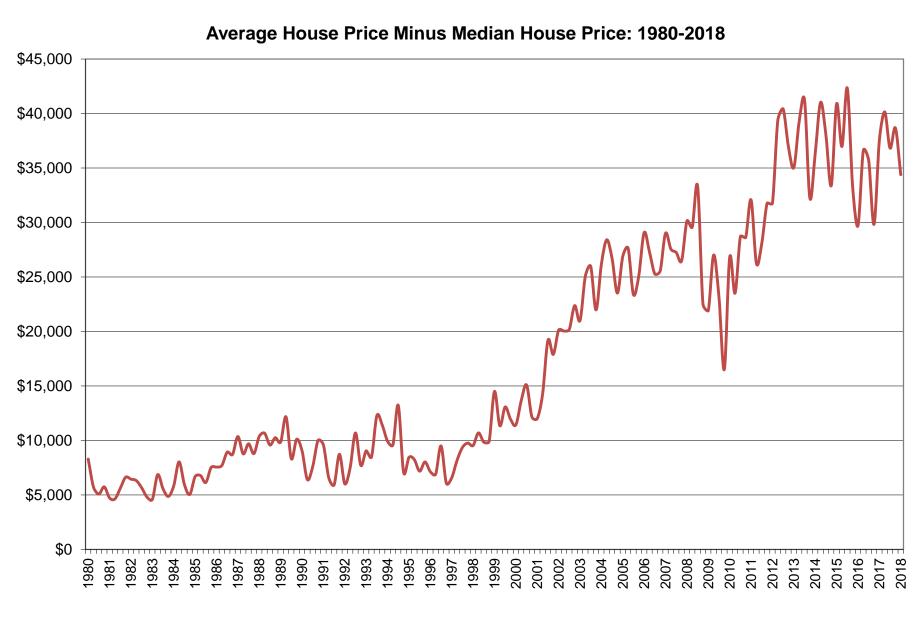


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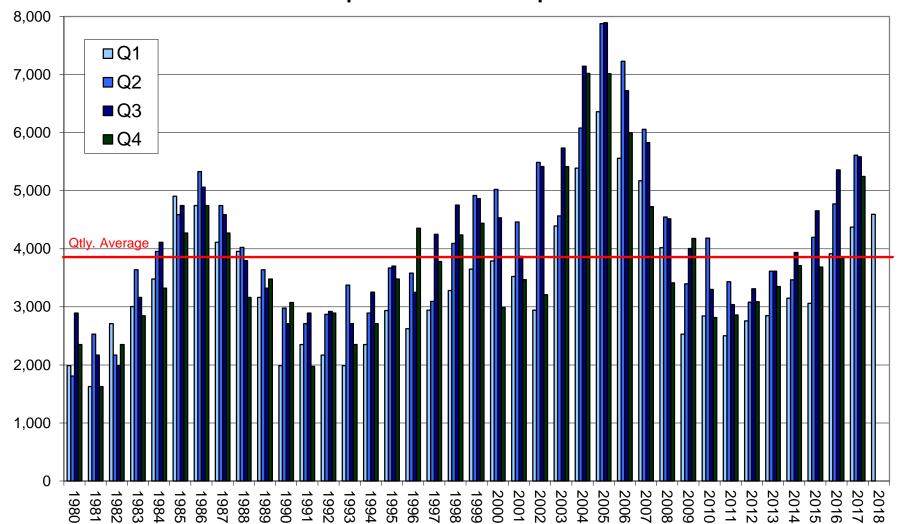


\* Empirically estimated by Kevin C. Gillen, PhD © 2018 Drexel University | Kevin.C.Gillen@Drexel.edu





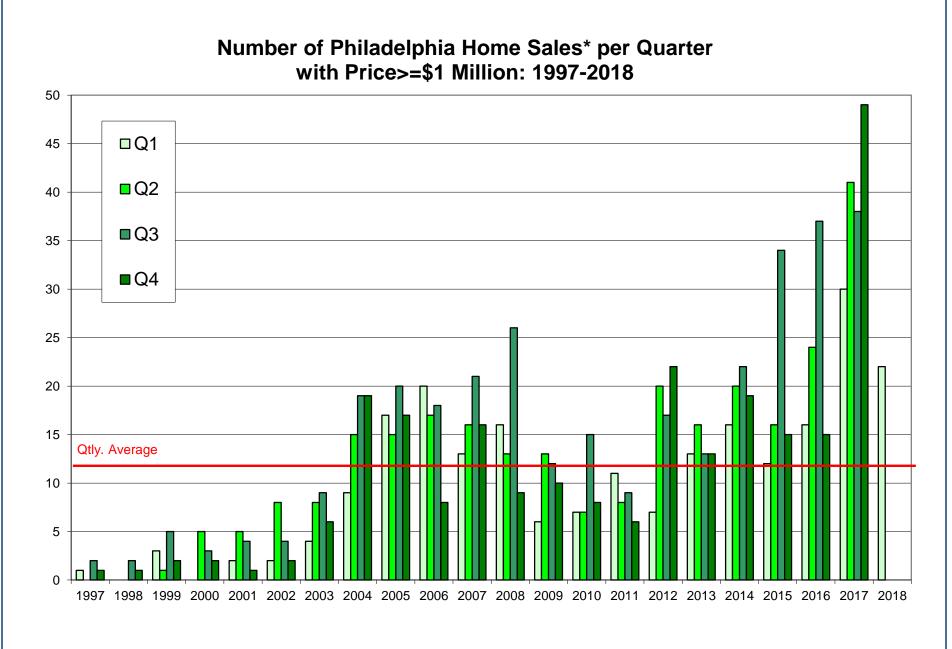




#### Number of Philadelphia House Sales\* per Quarter: 1980-2018

\*Only arms-length transactions between private sector entities were included in these numbers. © 2018 Drexel University | Kevin.C.Gillen@Drexel.edu

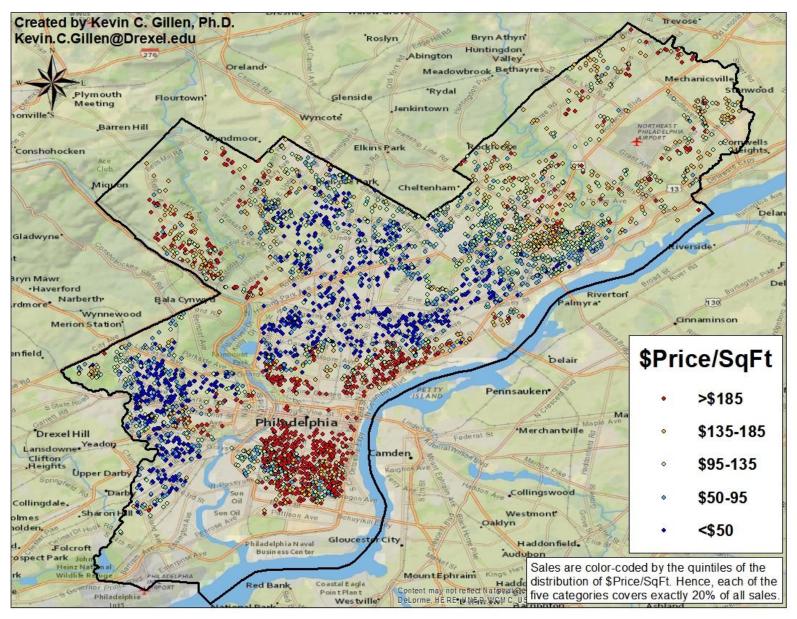




\*Only arms-length transactions between private sector entities were included in these numbers. © 2018 Drexel University | Kevin.C.Gillen@Drexel.edu

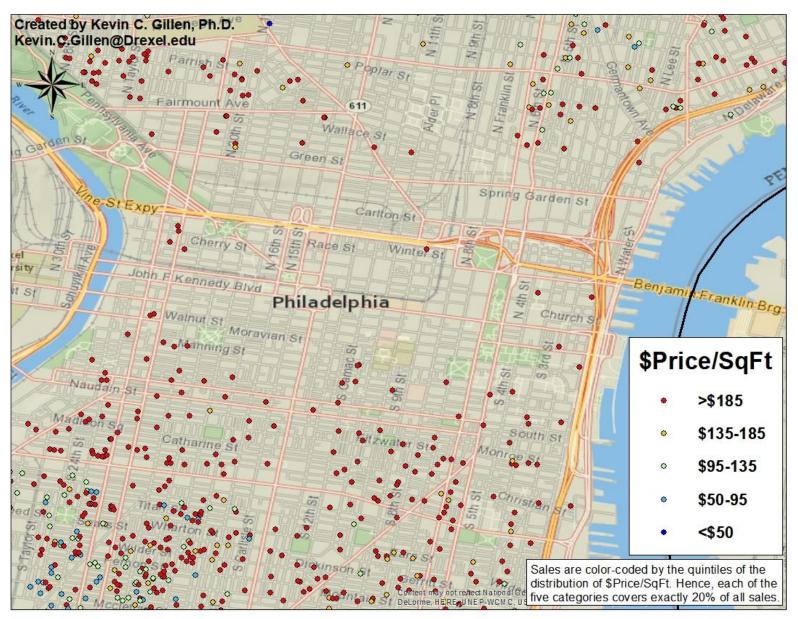


## Philadelphia House Sales in 2018 Q1



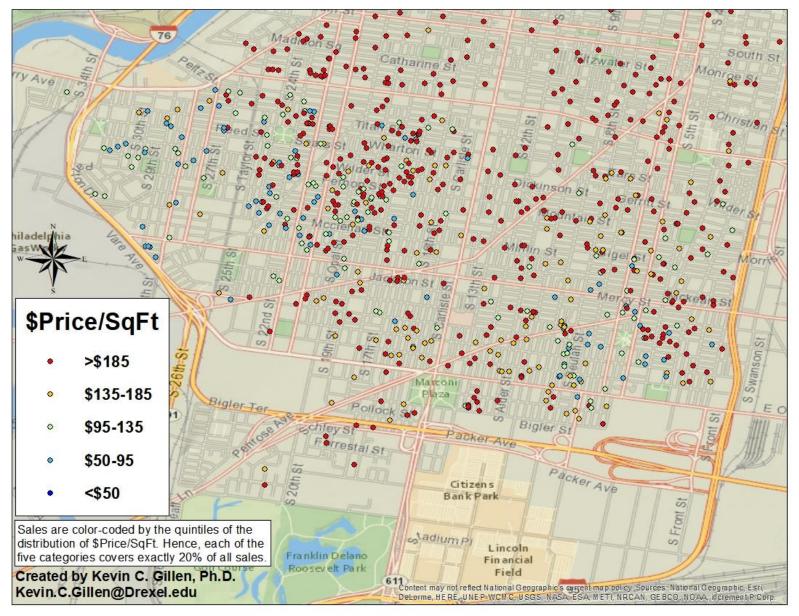


## Center City House Sales in 2018 Q1



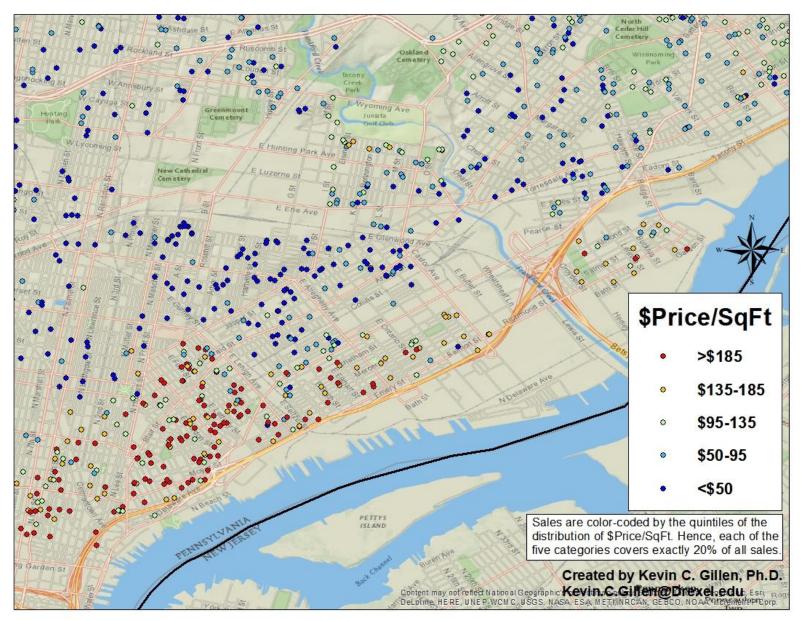


#### South Philadelphia House Sales in 2018 Q1



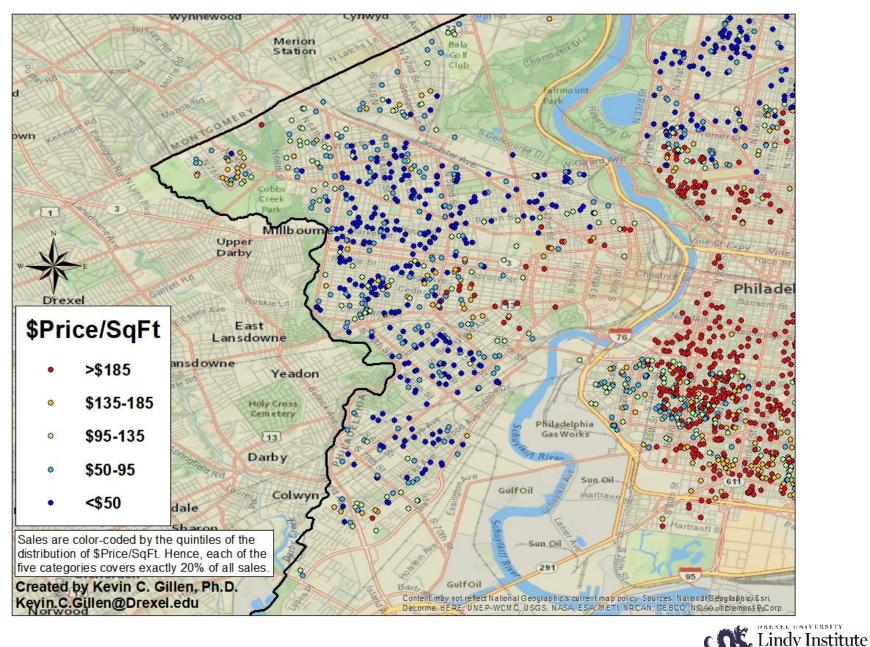


## Kensington/Frankford House Sales in 2018 Q1





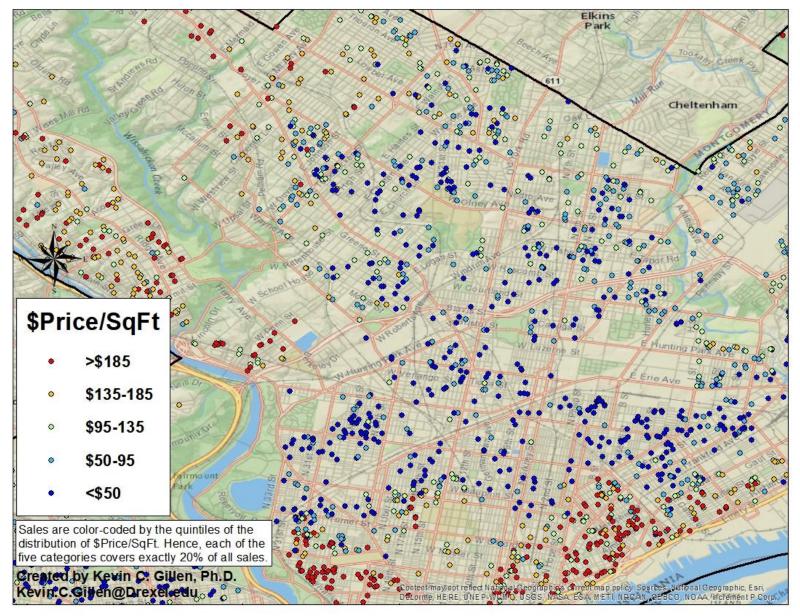
## West Philadelphia House Sales in 2018 Q1



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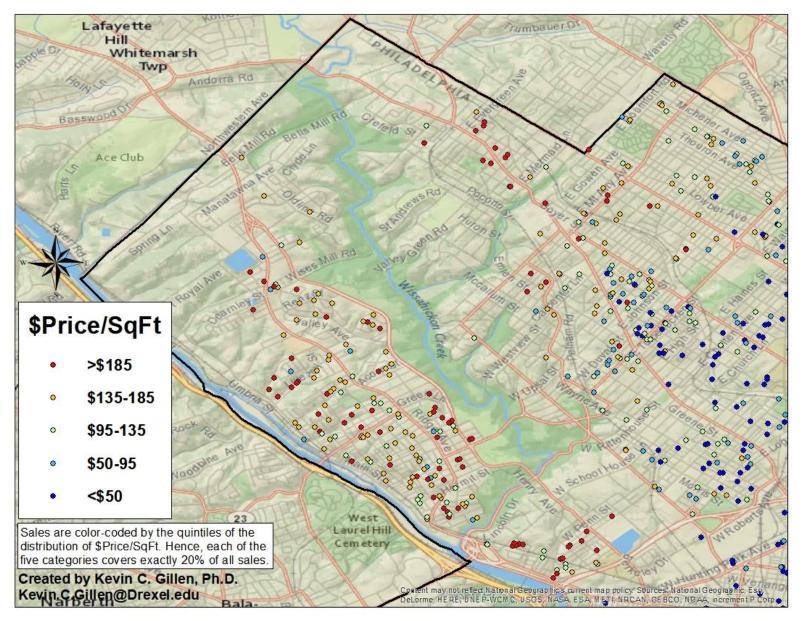


### North Philadelphia House Sales in 2018 Q1



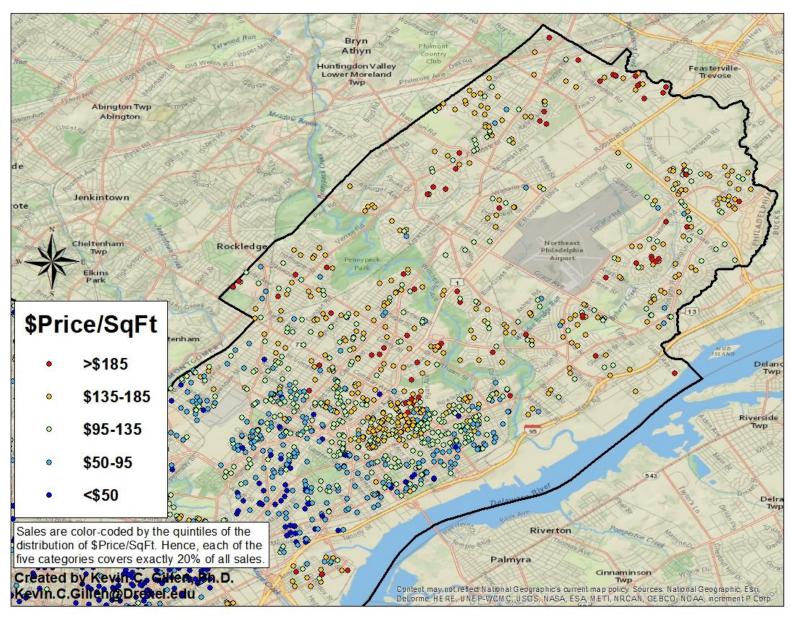


## Northwest Philadelphia House Sales in 2018 Q1

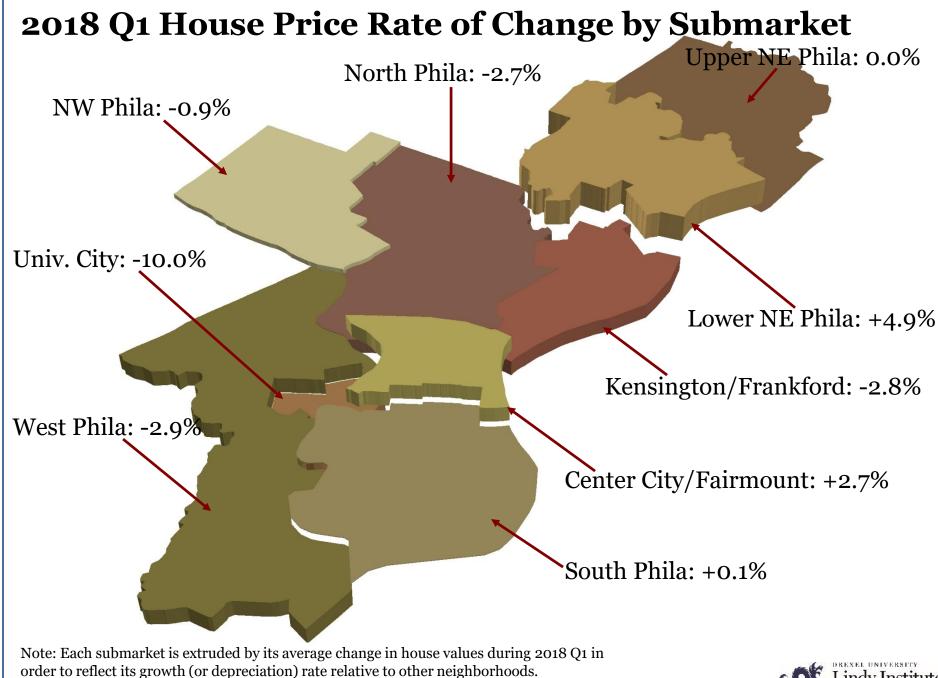




## Northeast Philadelphia House Sales in 2018 Q1

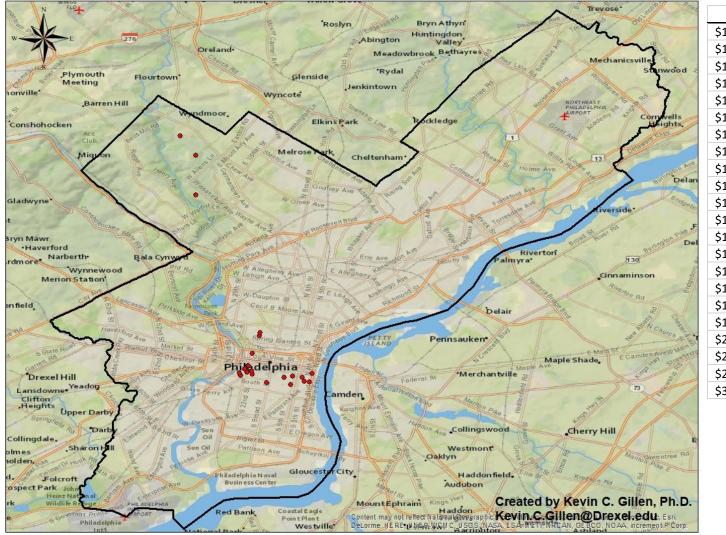








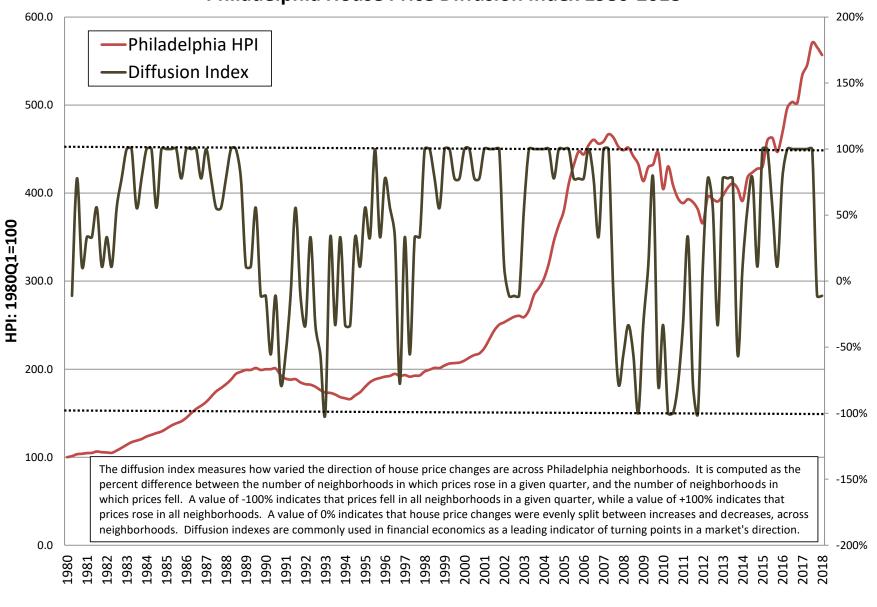
## +\$1 Million Dollar House Sales in 2018 Q1



PRICE	ADDRESS	
\$1,025,000	421 W MERMAID LN	
\$1,050,000	1426 KENILWORT ST	
\$1,060,000	6925 SCOTFORTH RD	
\$1,130,000	2009 NORTH ST	
\$1,180,000	2427 PINE ST	
\$1,200,000	238 S 07TH ST	
\$1,264,000	126 S VAN PELT ST	
\$1,300,000	927 CLINTON ST	
\$1,304,000	1939 PINE ST	
\$1,385,000	755 N CAPITOL ST	
\$1,400,000	2010 RITTENHOUSE SQ	
\$1,500,000	618 S 07TH ST	
\$1,585,000	8525 SEMINOLE AVE	
\$1,600,000	2220 LOCUST ST	
\$1,625,000	110 PINE ST	
\$1,642,050	511 S 24TH ST	
\$1,675,000	240 PINE ST	
\$1,800,000	273 S 04TH ST	
\$2,263,151	109 S VAN PELT ST	
\$2,400,000	2101 RACE ST	
\$2,500,000	134 S FRONT ST	
\$3,740,000	2101 DELANCEY PL	



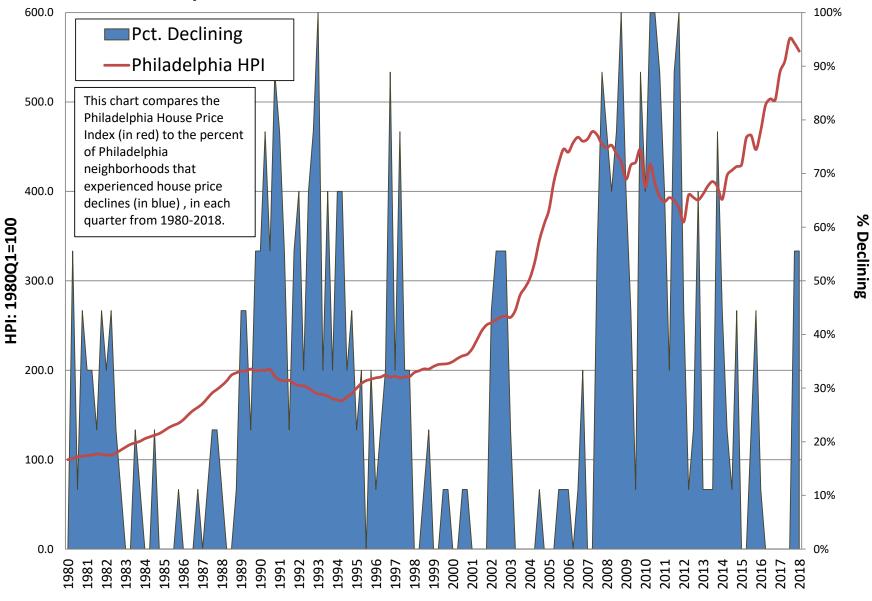
#### Philadelphia House Price Diffusion Index 1980-2018



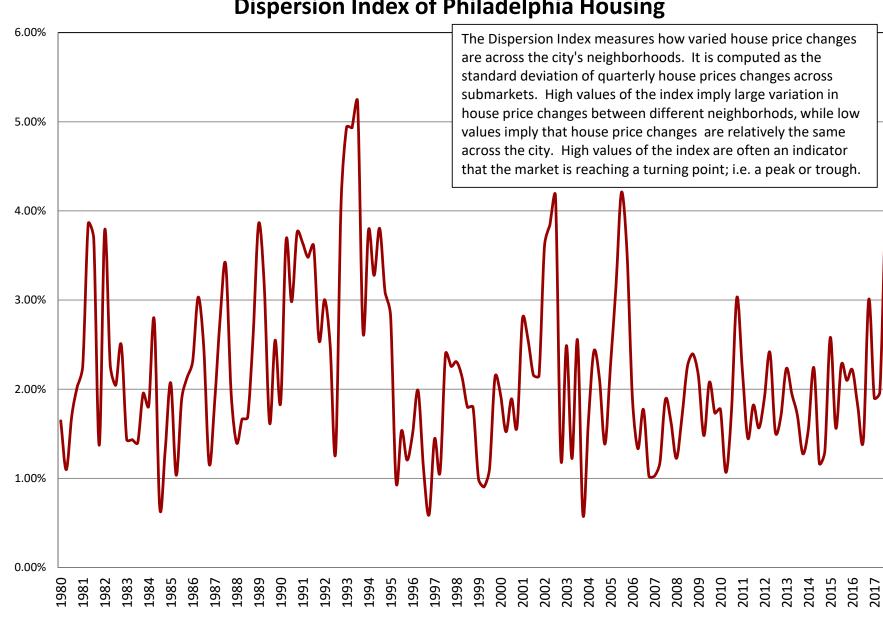
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#### Philadelphia House Prices 1980-2018: Declines v. House Price Index







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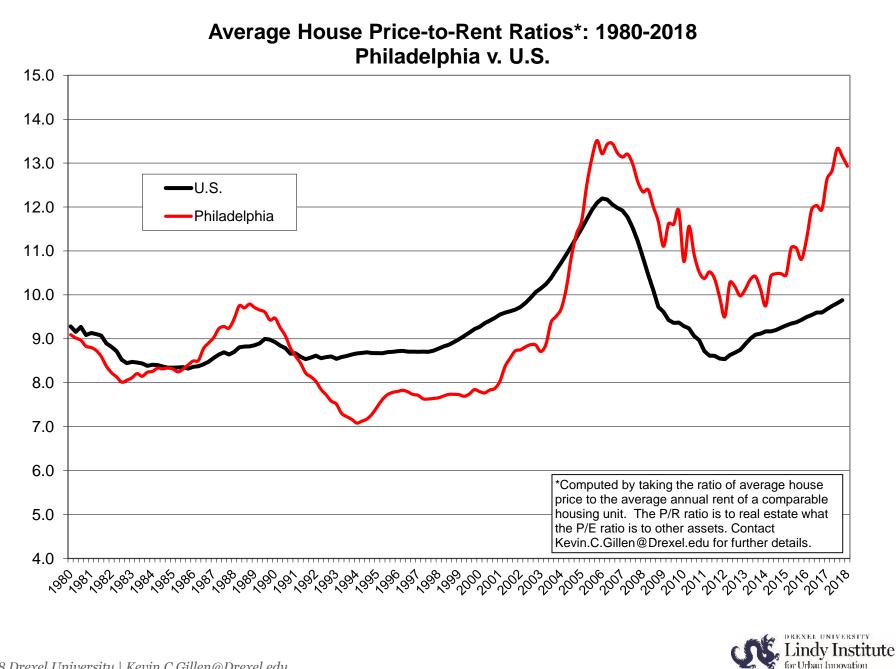
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#### **Dispersion Index of Philadelphia Housing**

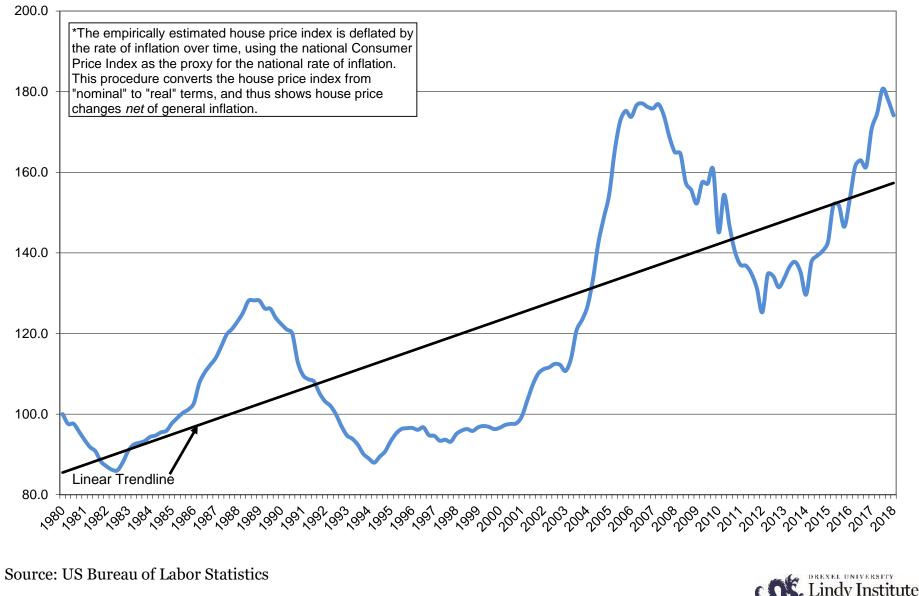
#### 3.50 3.25 3.00 2.75 2.50 2.25 2.00 1.75 1.50 1.25 \*Affordability is measured as the ratio of the 1.00 median Philadelphia house price to the median Philadelphia household income. High values of the index mean that housing has become less 0.75 affordable to the average Philadelphian. Contact Kevin.C.Gillen@Drexel.edu for details. 0.50 2000 2001 2002 2003 2004 1982 1983 1984 1985 1986 1988 1989 1996 1999 2005 2006 2007 2009 2009 2011 2011 2012 2013 2013 2015 2015 2016 2017 2018 1980 1987 1990 1992 1993 1994 1995 1997 1998 1981 1991

#### Philadelphia Housing Affordability\* Index: 1980-2018

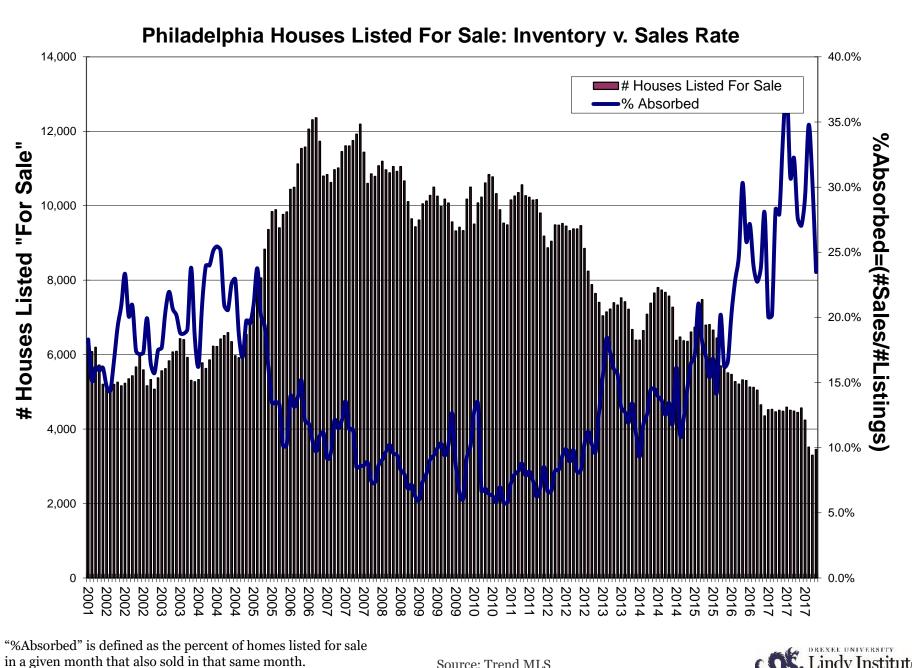




#### Inflation-Adjusted\* Philadelphia House Price Index 1980-2018 1980Q1=100



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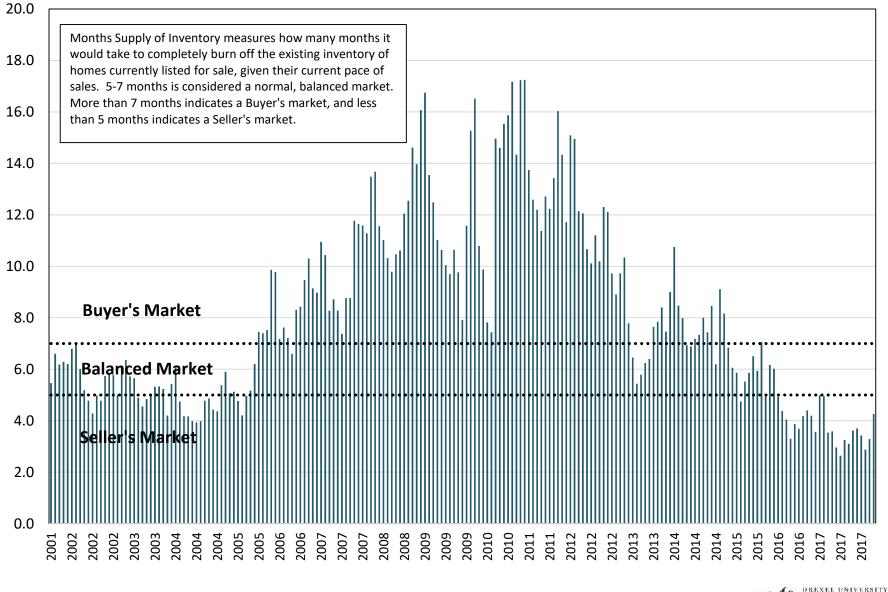


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Source: Trend MLS



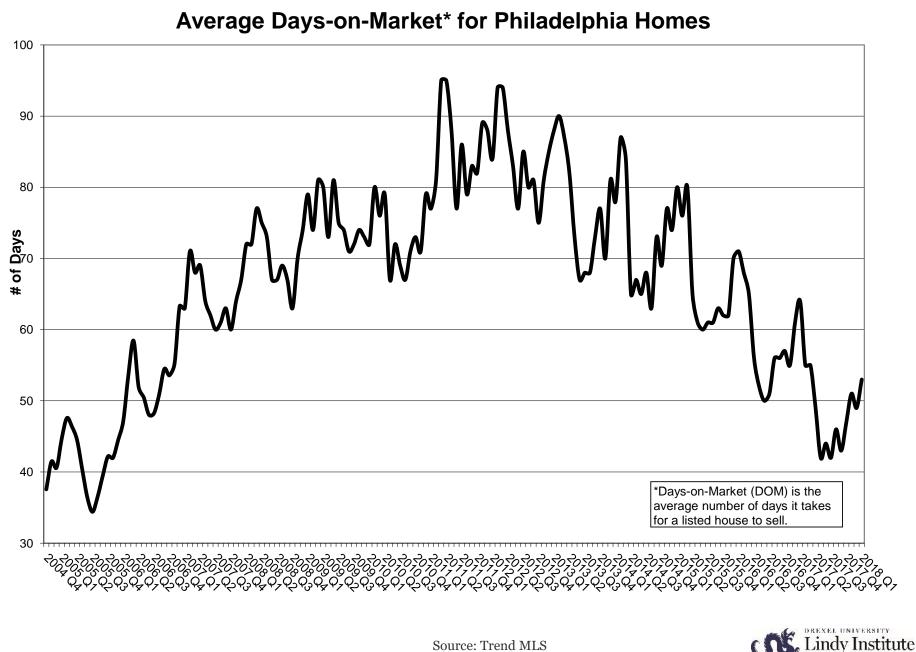
#### Months Supply of Inventory in Philadelphia



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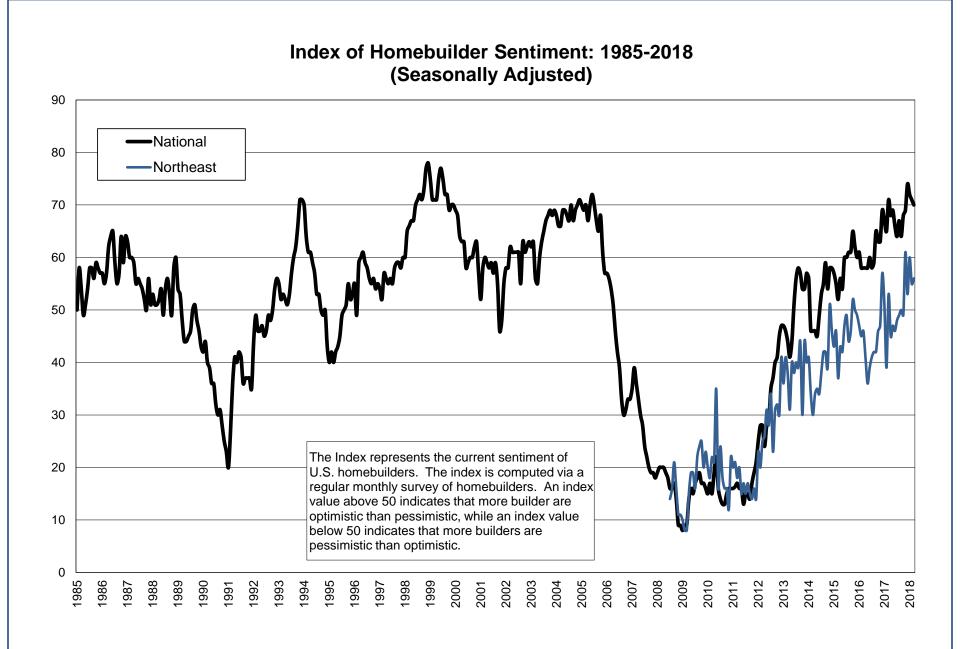
Source: Trend MLS





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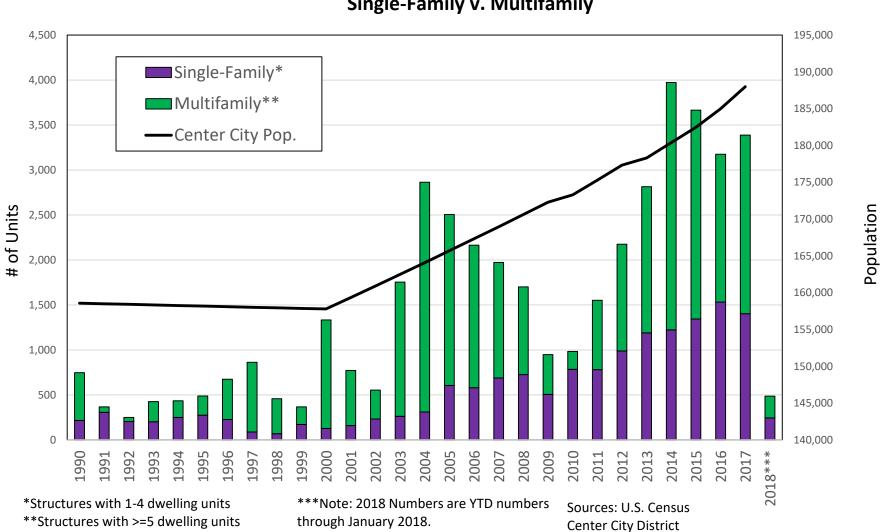


Source: National Assoc. of Homebuilders (NAHB)/Wells Fargo





#### Philadelphia Stock Exchange Housing Sector Index: 2002-2018

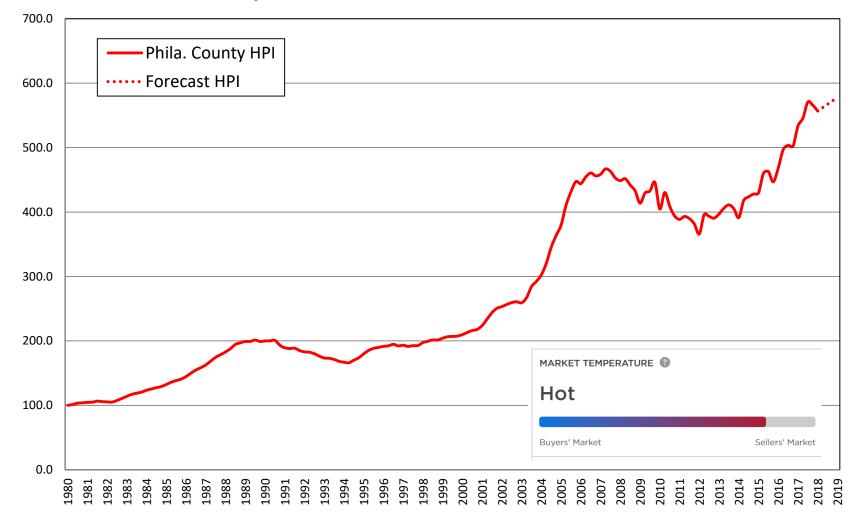


#### Building Permits Issued for Construction of Residential Units in Philadelphia: Single-Family v. Multifamily

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# Philadelphia House Price Index and 1-Year Forecast

Philadelphia House Price Index: Actual v. Forecast



Zillow.com is currently forecasting Philadelphia house prices to rise an average of 3.7% over the course of the next twelve months. This is a downgrade from its previous forecast of 5.0% made three months ago. Zillow also currently rates the temperature of Philadelphia's housing market as "Hot", which is unchanged from its previous rating three months ago. Source: http://www.zillow.com/philadelphia-pa/home-values/

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