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# Non-Traditional Applications of Real Estate Data

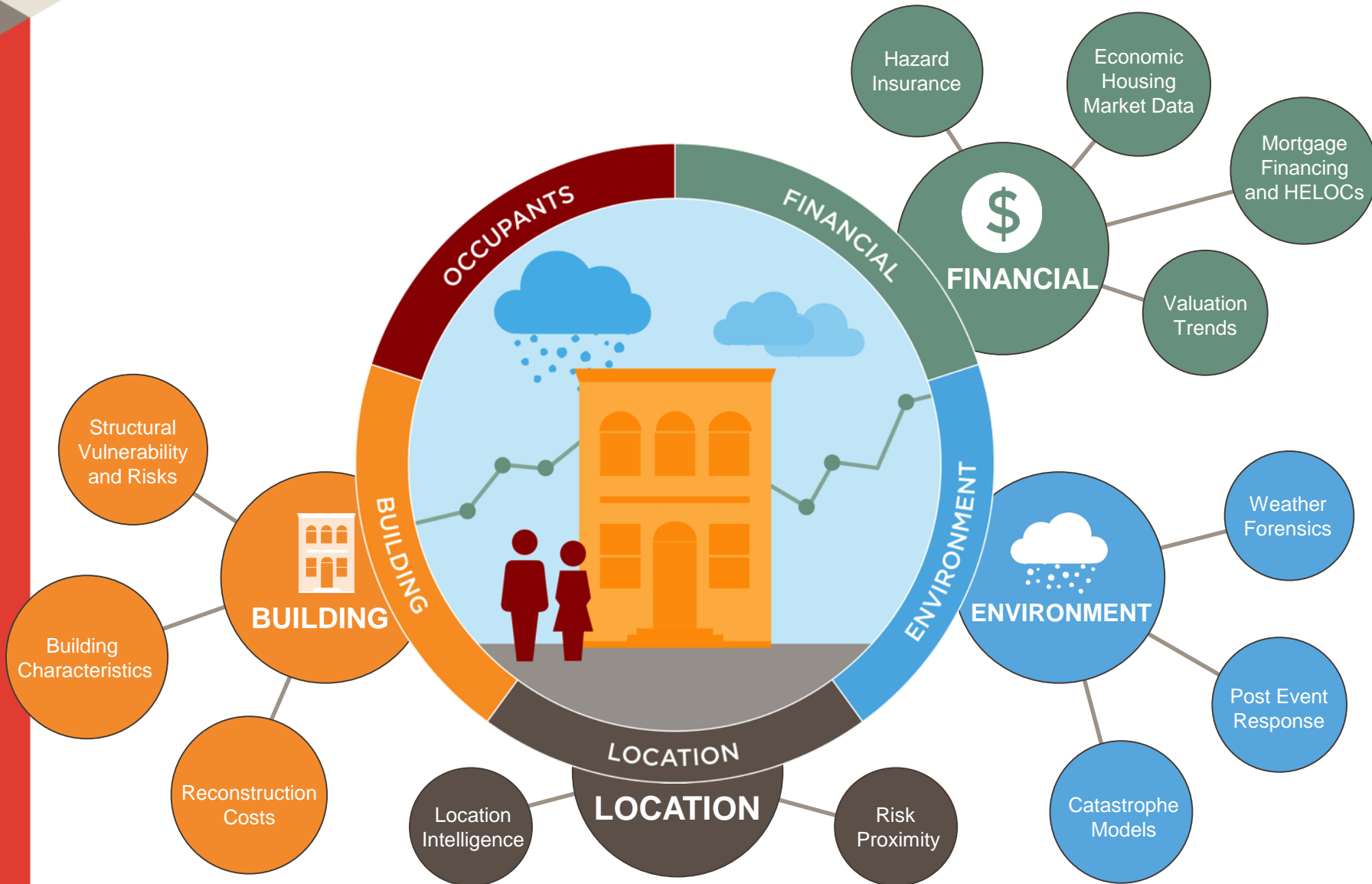
Sam Khater

VP & Deputy Chief Economist

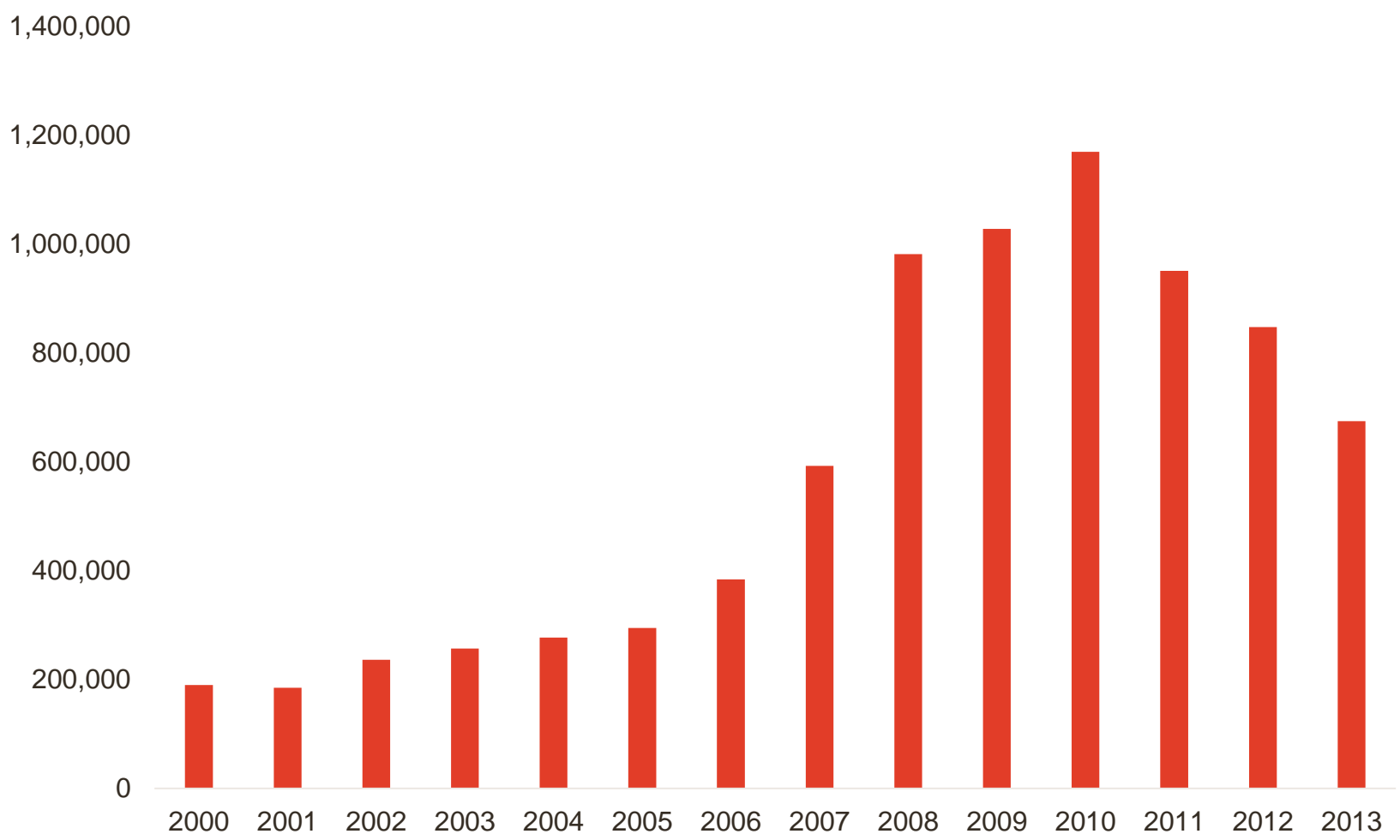
# Overview

- Connecting DB's - Boomerang Buyers & Applications vs Originations
- Qualitative Data - MLS Text Comments to Improve Pricing
- Macro Research - Economic Mobility & Home Price Inequality

# Data Assets



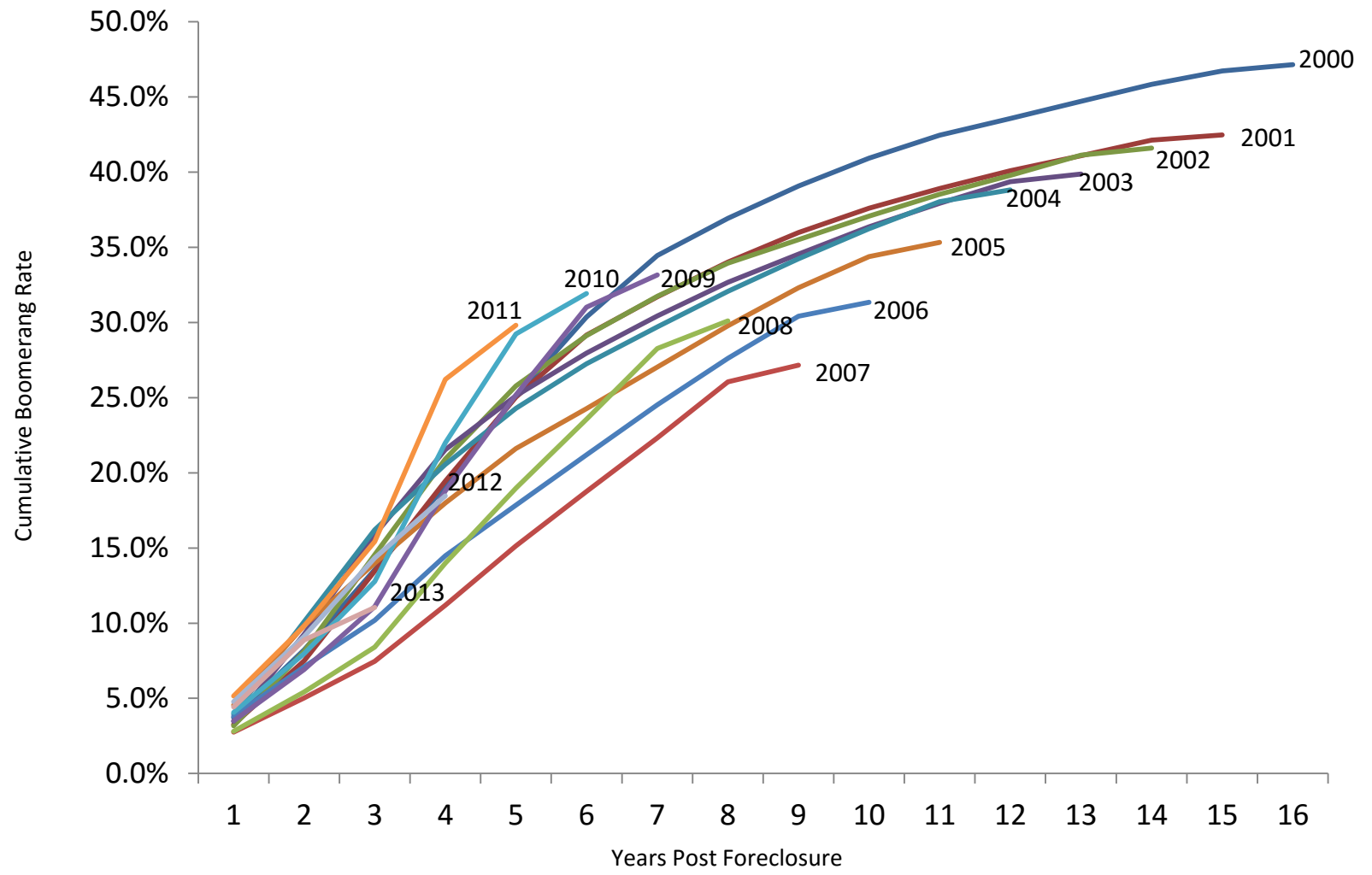
# Over 8 Million Foreclosures Since 2000



Source: CoreLogic

# Less than Half of Boomerang Buyers Return, Lower More Recently

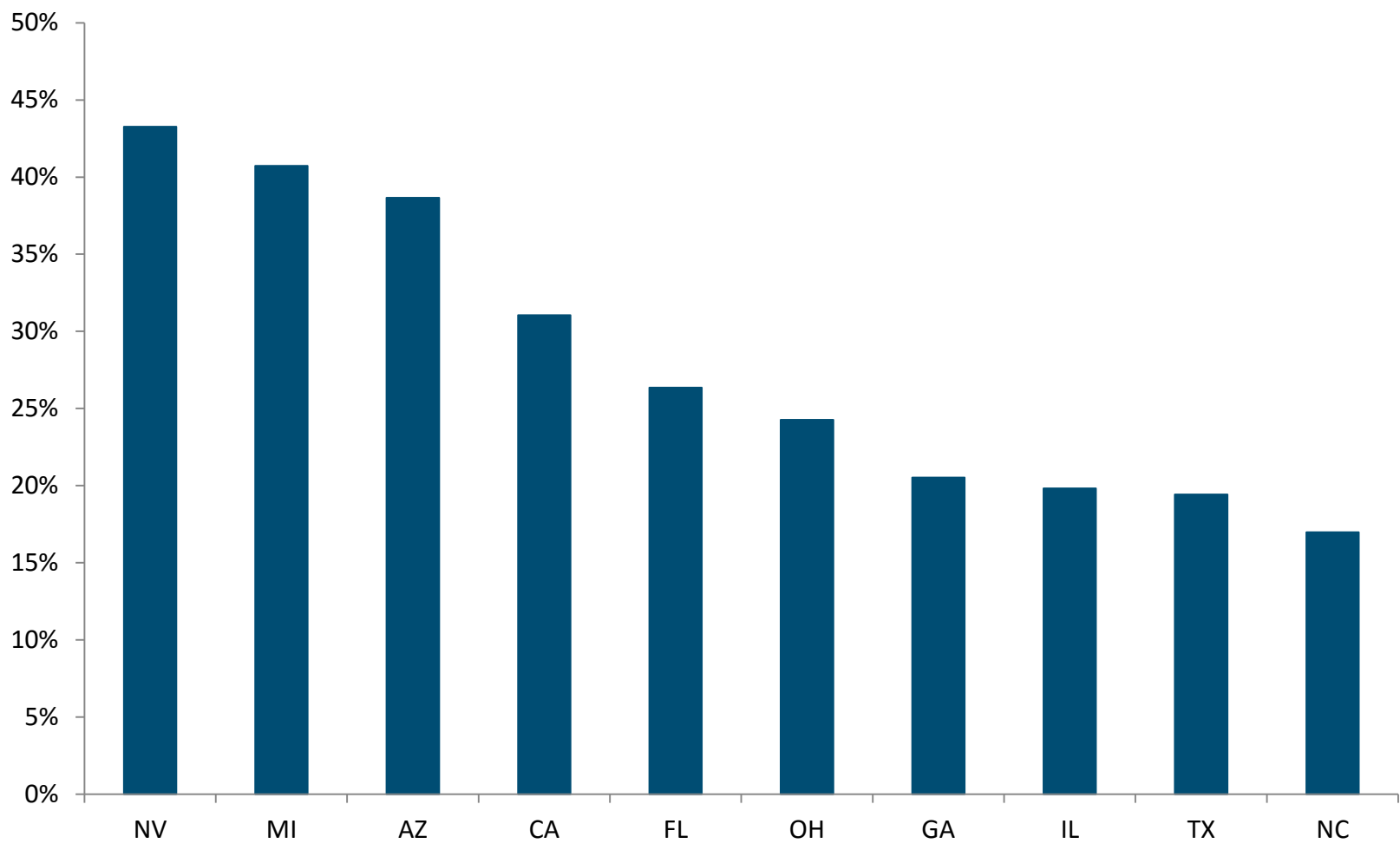
Cumulative Boomerang Buyer Rates by Foreclosure Vintage



Source: CoreLogic

# Hardest Hit States Had Most Boomerang Homeowners Return

Share of Foreclosed Borrowers Between 2007 – 2013 that Returned



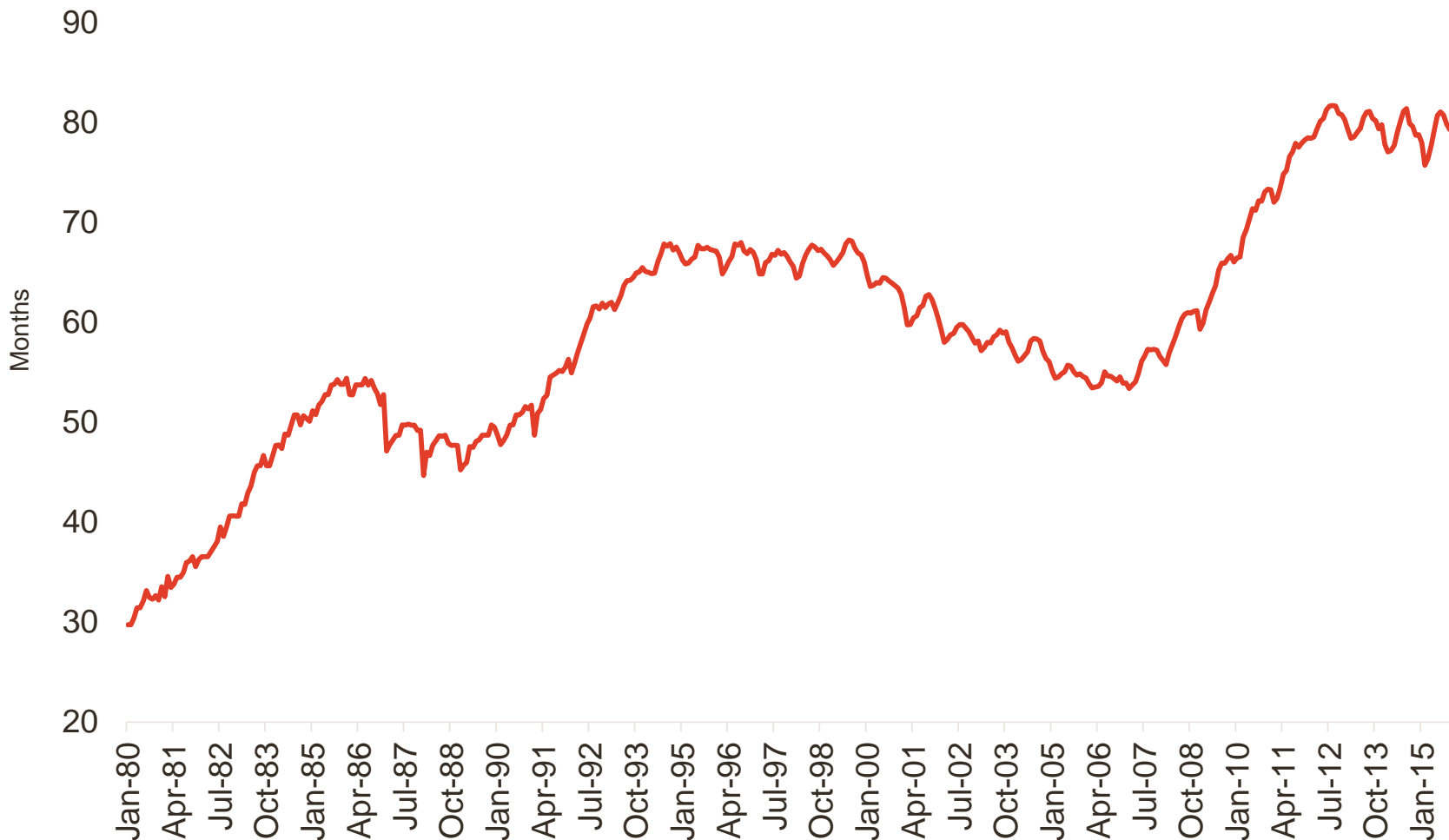
Source: CoreLogic

# MLS Textual Analysis



# Length of Ownership Consistently Rising

Number of Months Between Purchase and Sale

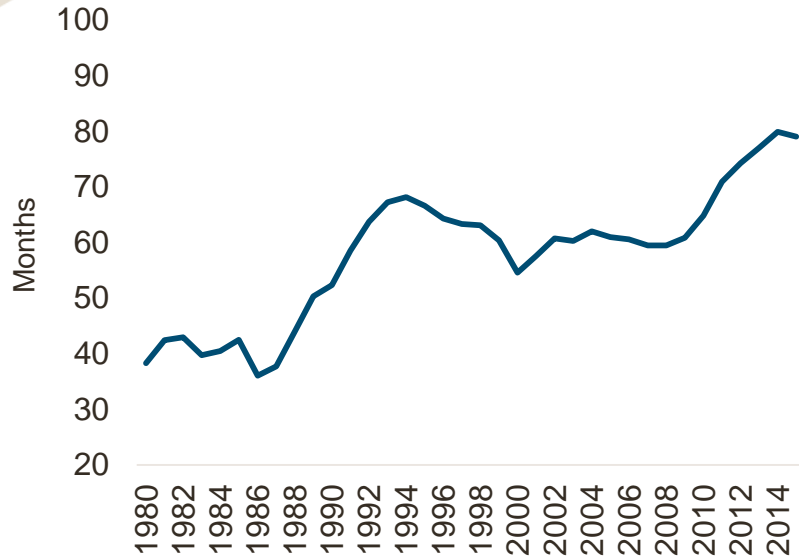




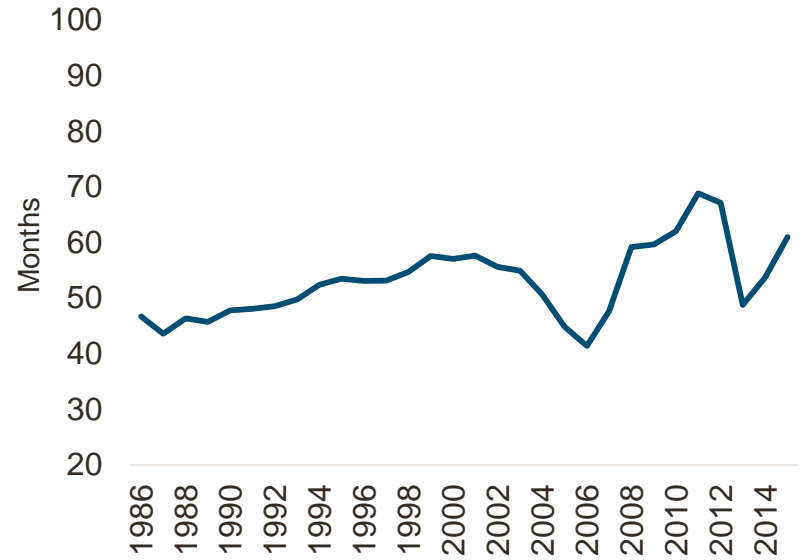
# Length of Ownership by State



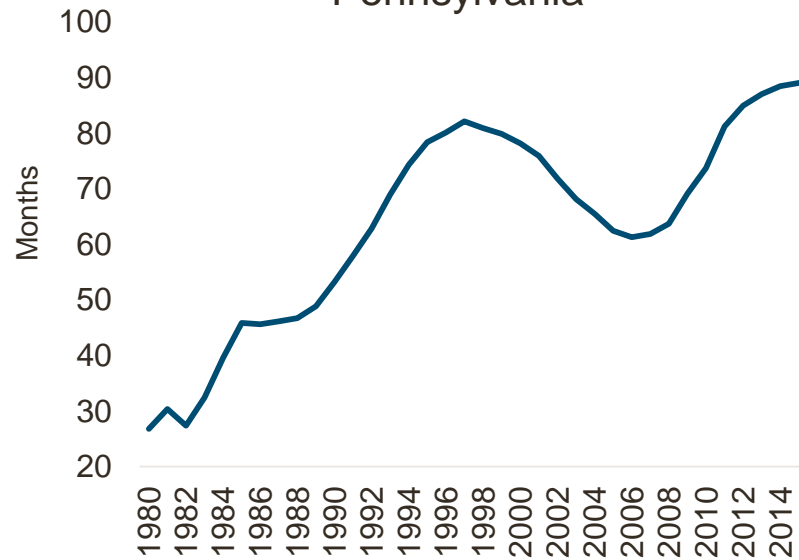
## Texas



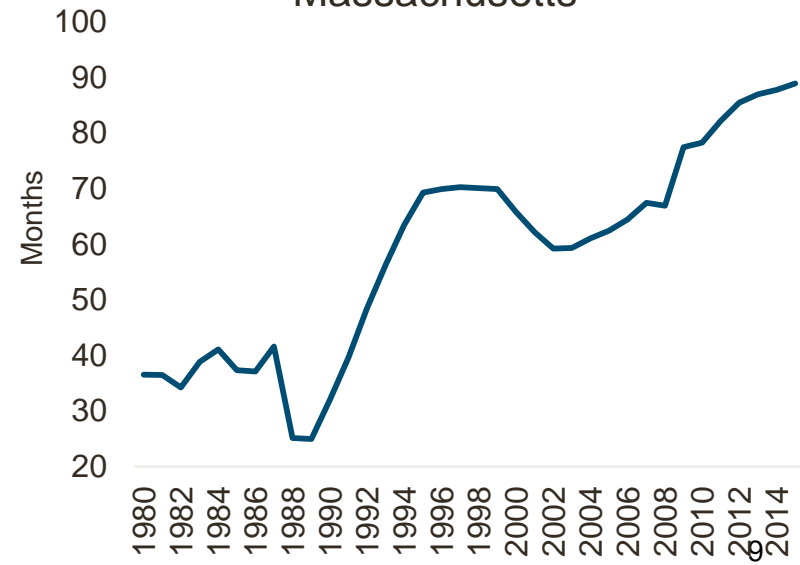
## Nevada



## Pennsylvania

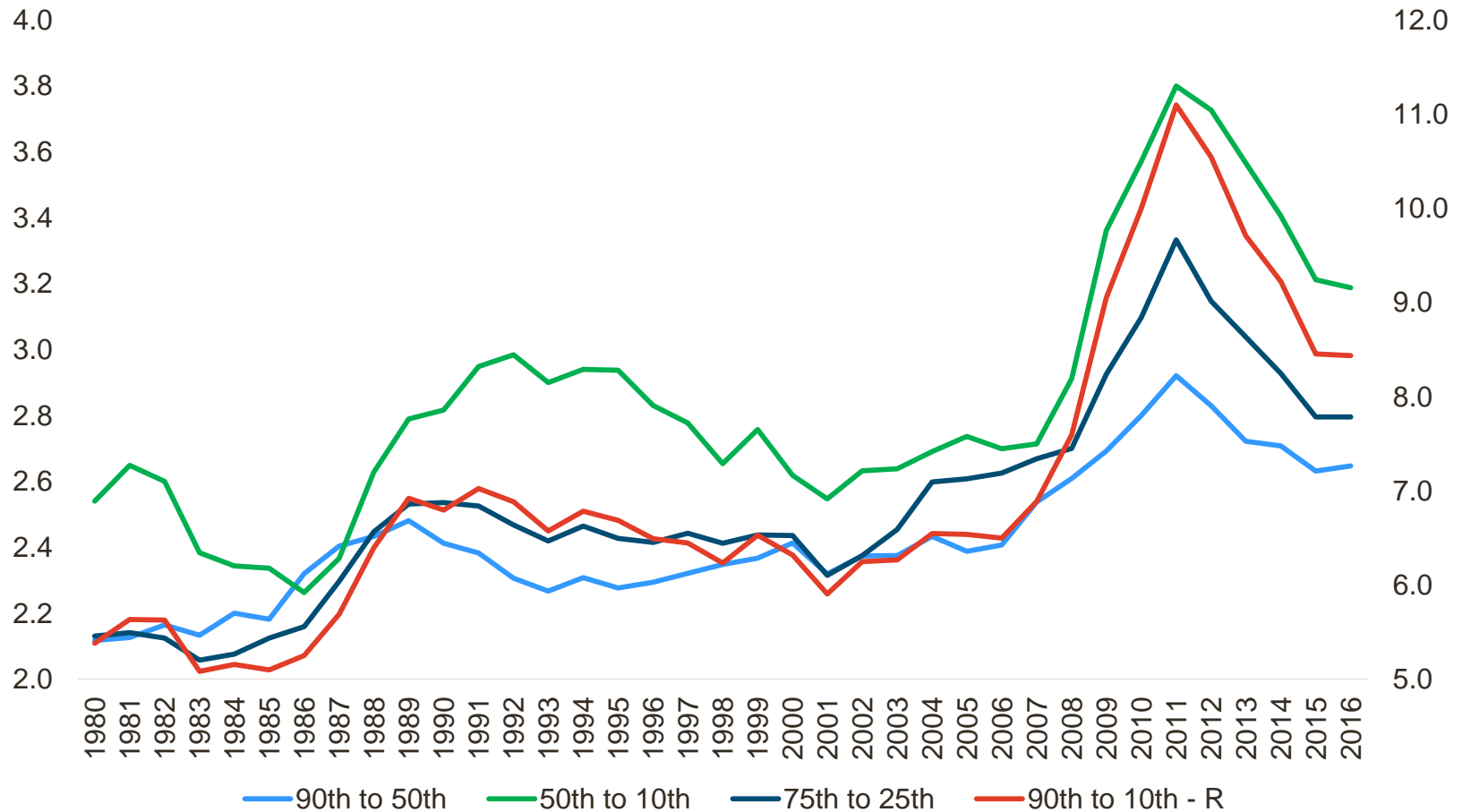


## Massachusetts



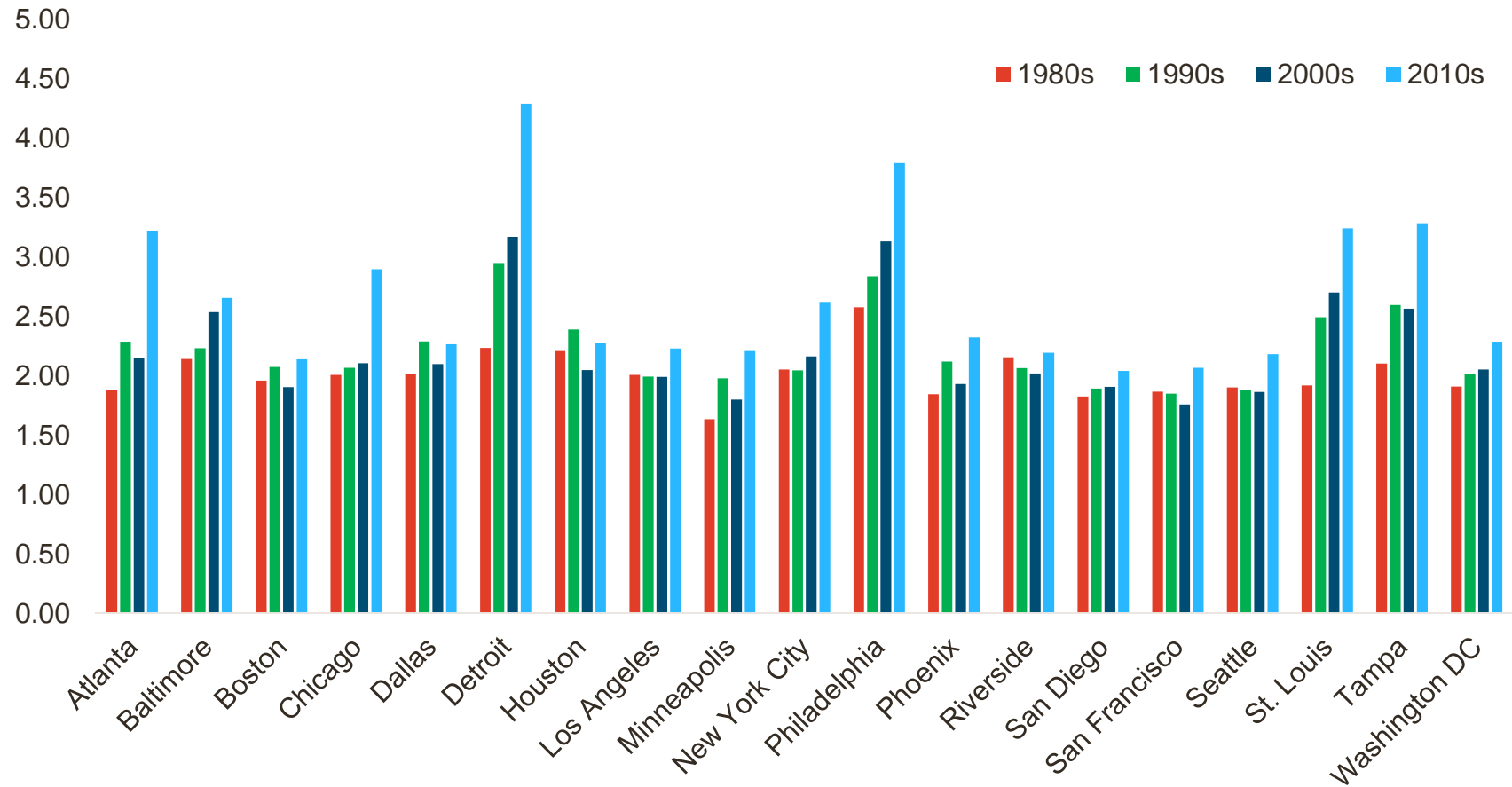
# Home Price Inequality Rises

Various Price Ratio's for Home Sales Reveal Similar Trends



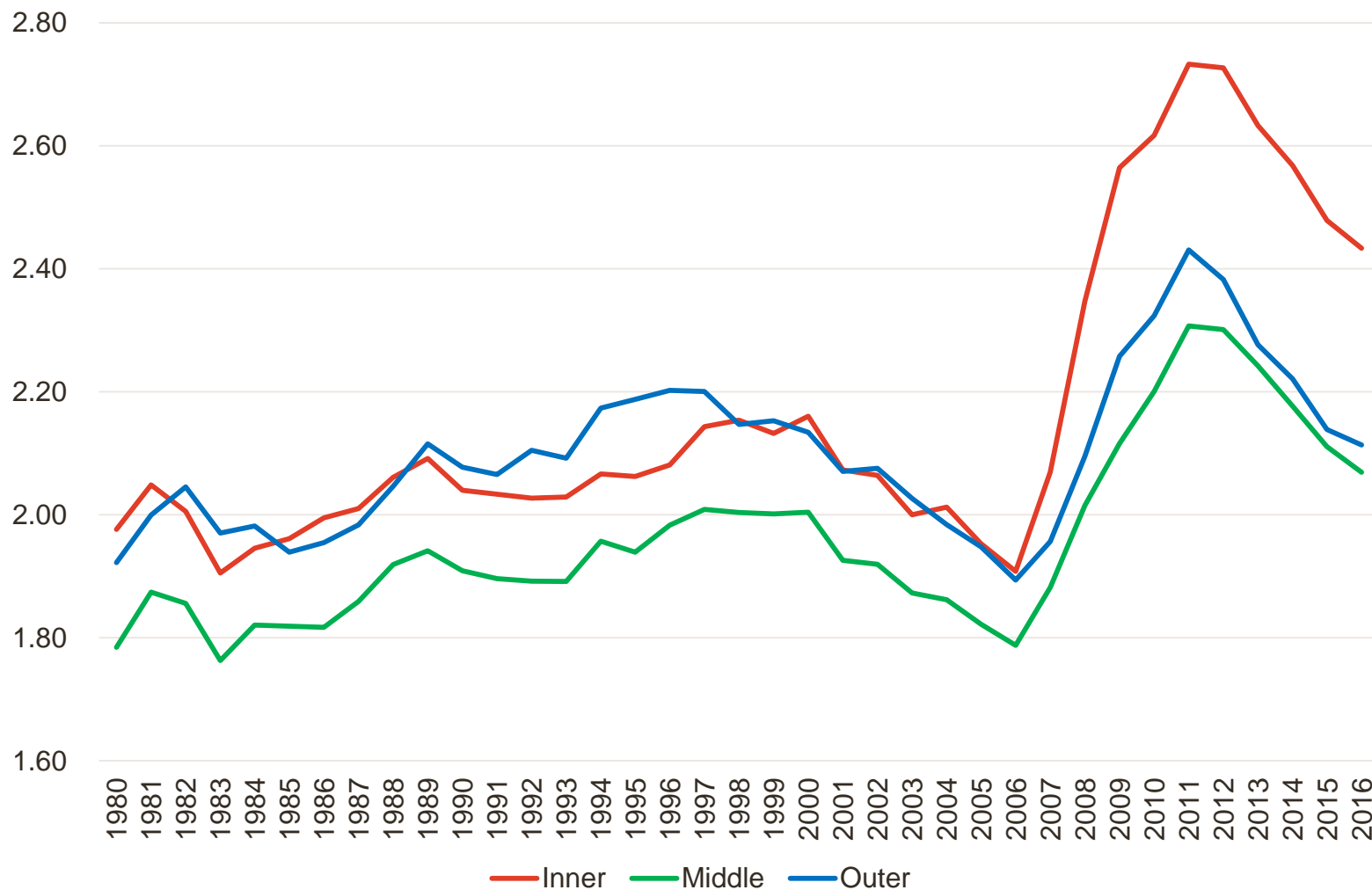
# Home Price Inequality Rising in Most Large Cities

75th to 25<sup>th</sup> Percentile Price Ratios



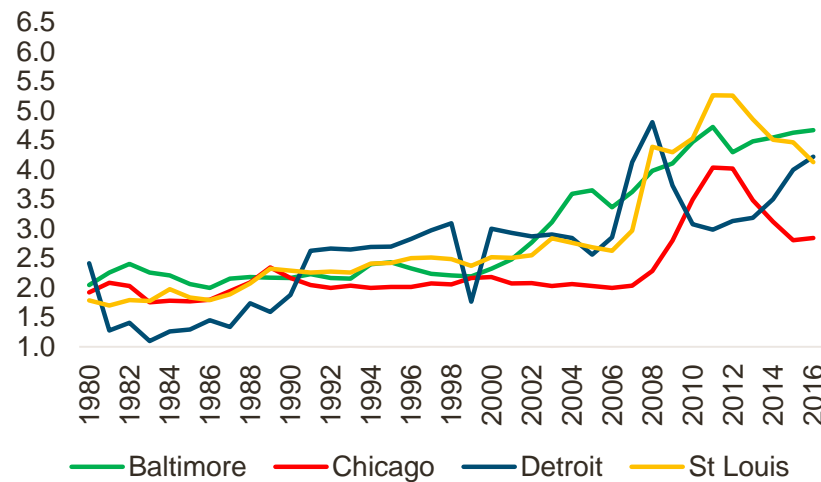
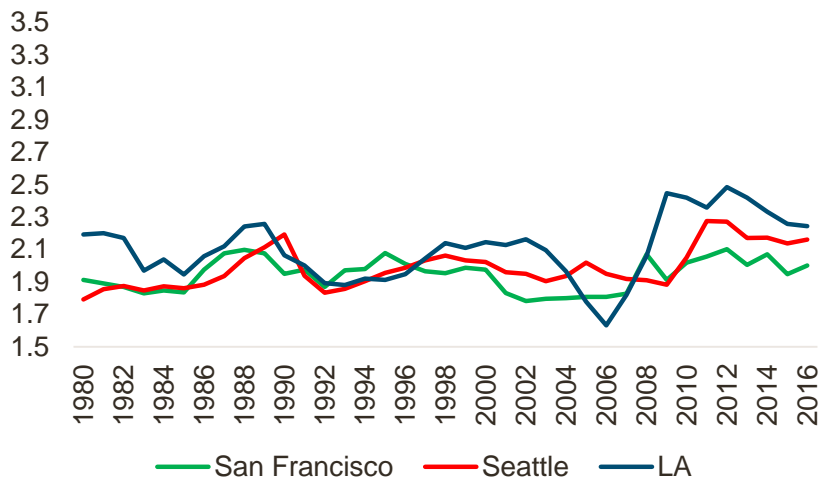
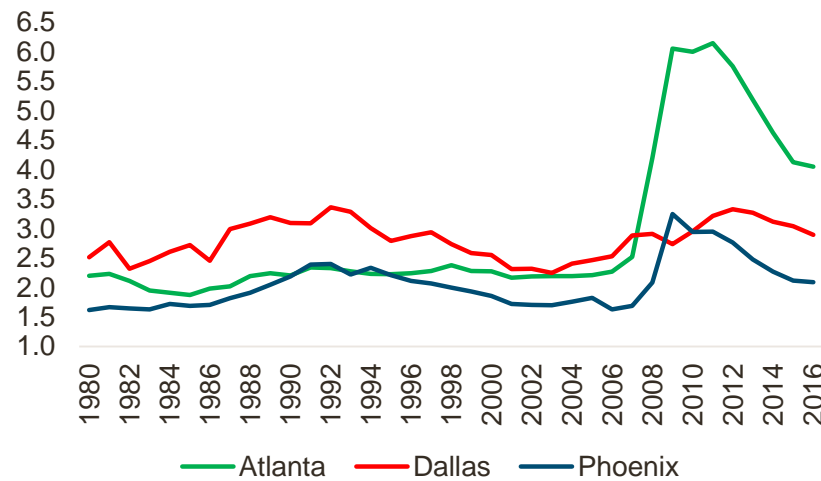
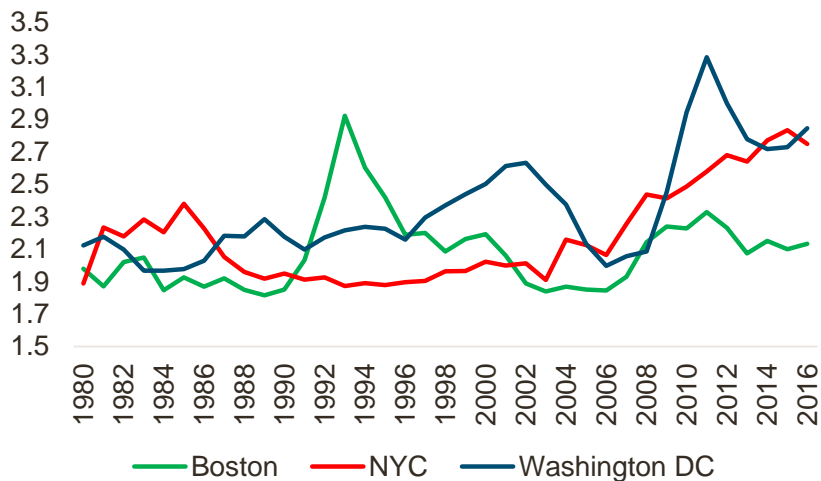
# Price Inequality Worsening in Most in City & Inner Suburbs

75<sup>th</sup> to 25<sup>th</sup> Price Tier Ratios by City-Suburb Ring



# Rust Belt Cities Experience Largest Rise in Price Inequality

City and Inner Suburb 75th to 25th Price Ratio



Source: CoreLogic

# Where to find more information

<http://www.corelogic.com/about-us/research.aspx>

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