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# The Housing Equation: Sales, Starts, and Structural Shortfalls

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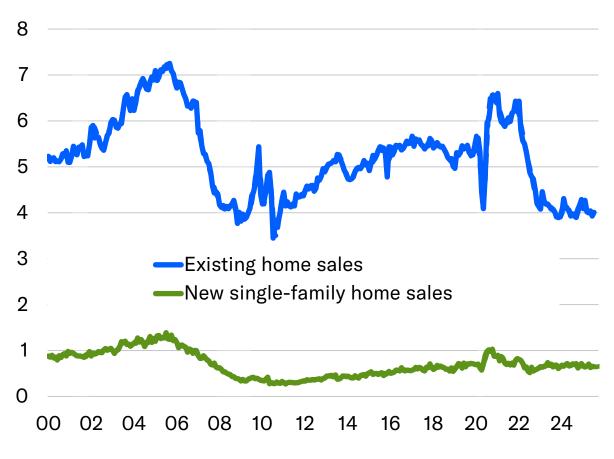
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September 2025

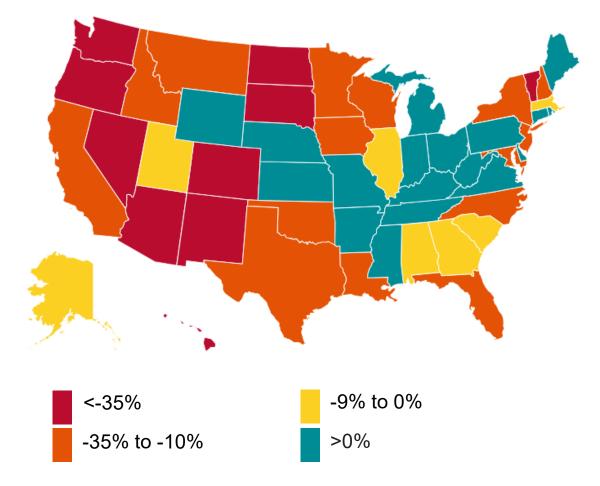
#### Home Sales Near Recession Lows...

Home sales, # mil, SAAR



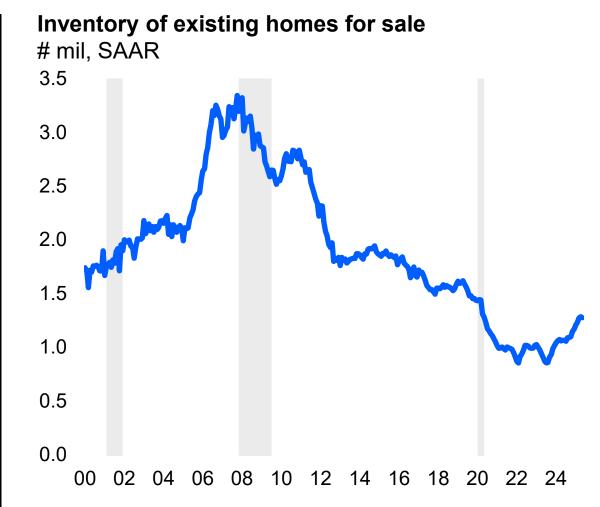
Sources: NAR, Census Bureau, Moody's Analytics





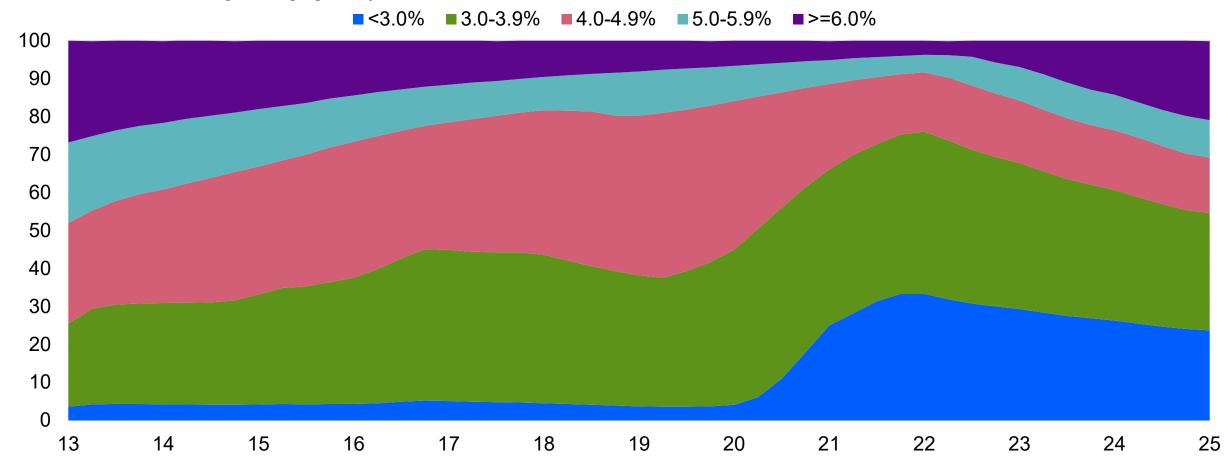
#### ... As Mortgage Rates "Lock Out" Buyers and "Lock In" Owners...





#### ...with 80% of Mortgages Carrying Rates Below 6%

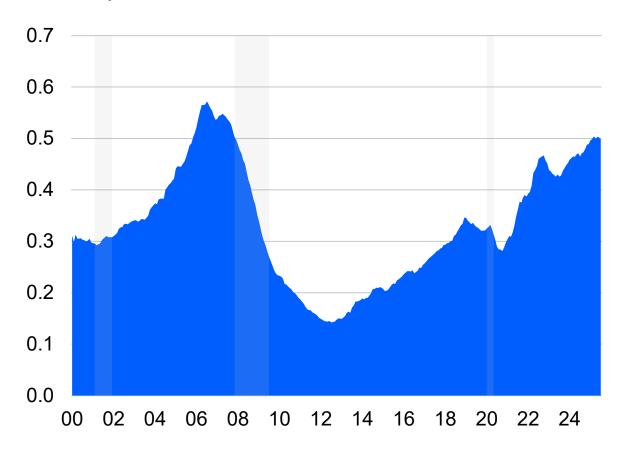
Share of outstanding mortgages by interest rate, % of \$



Sources: FHFA, Moody's Analytics

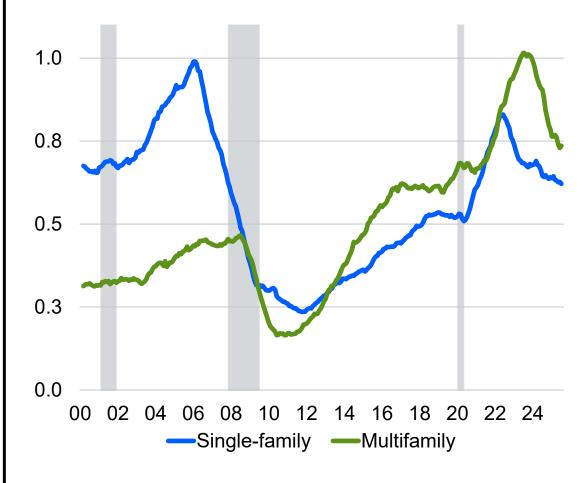
#### Homebuilder Sentiment Near Record Low as Inventories Pile Up

Inventory of new homes for sale, # mil, SAAR

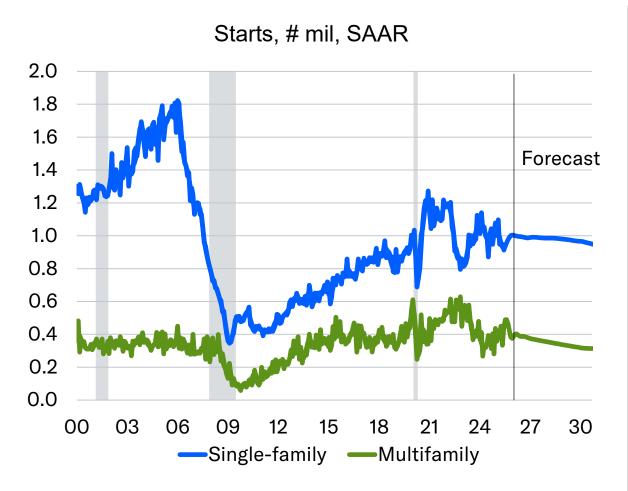


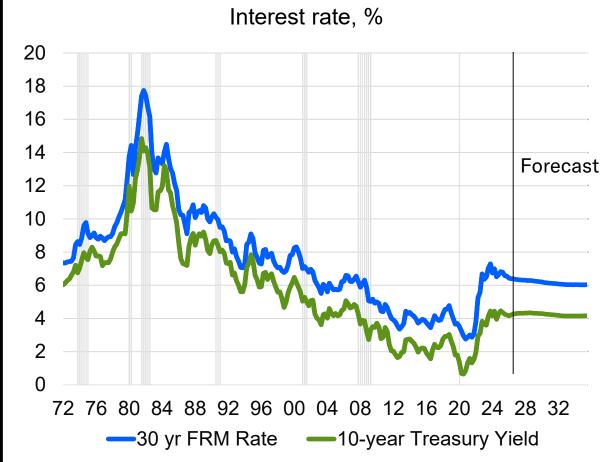
Sources: Census Bureau, Moody's Analytics





#### Rates, Costs, and Restrictions to Limit Homebuilding...

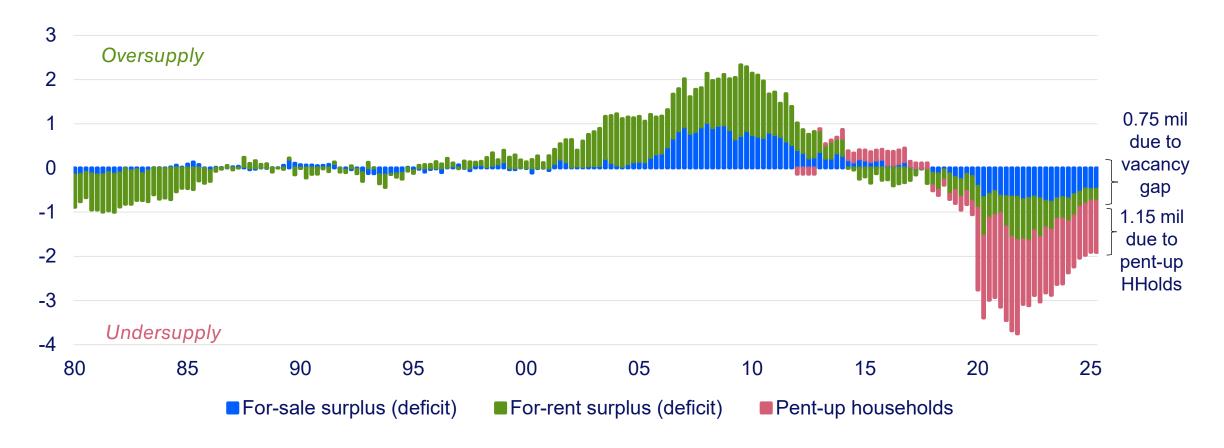




Sources: Census Bureau, Moody's Analytics

### ...Despite A Housing Deficit of 1.9 Million Homes...

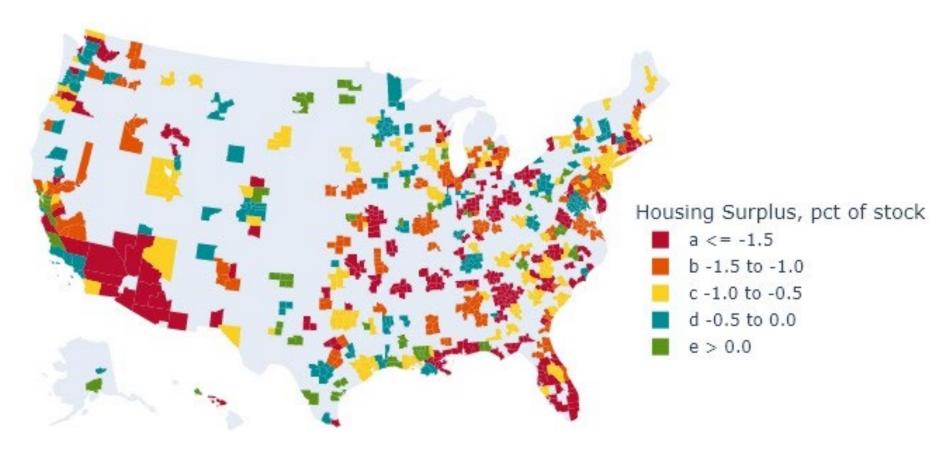
#### Over/undersupply of housing units, mil



Sources: Census Bureau, Moody's Analytics

### ...With Housing Shortages Dispersed Across the Country

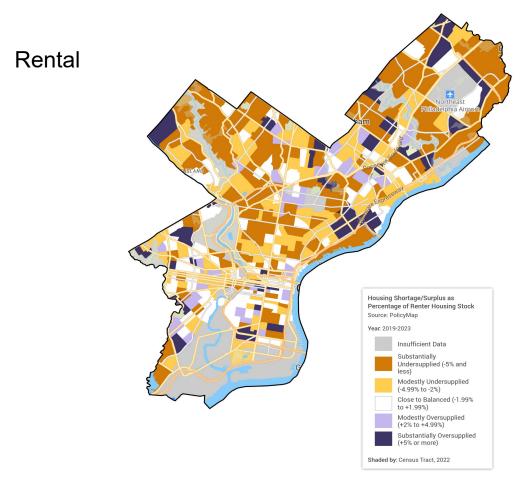
Housing surplus (deficit) implied by vacancy rate, % of housing stock

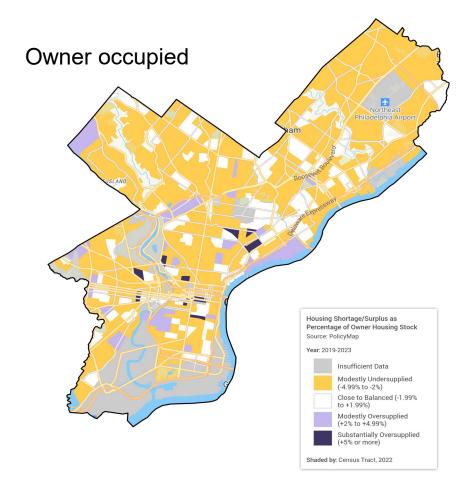


Sources: Census Bureau, Moody's Analytics

### Philadelphia Shortages More Pronounced in Lower Income Rentals

Housing shortage/surplus, % of housing stock



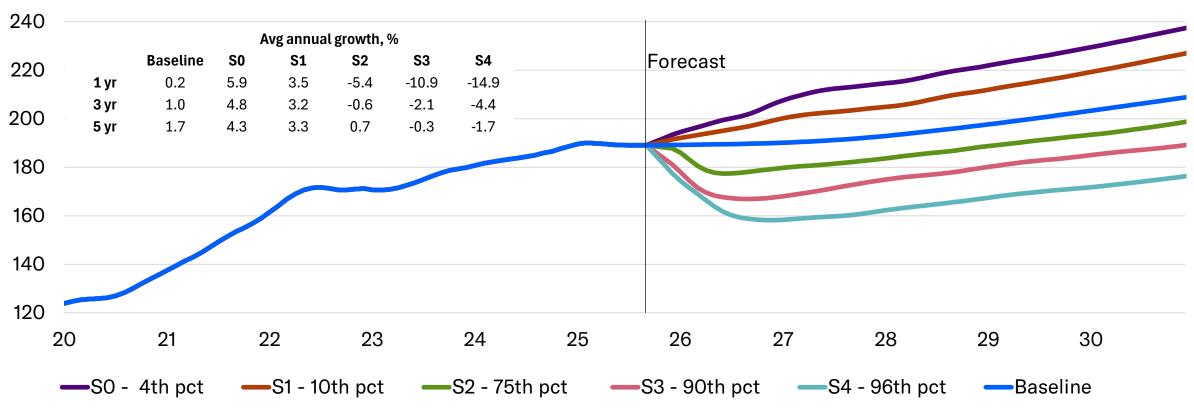


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Sources: PolicyMap, Reinvestment Fund, Moody's Analytics

#### National House Prices To Flatten, But a Crash is Unlikely

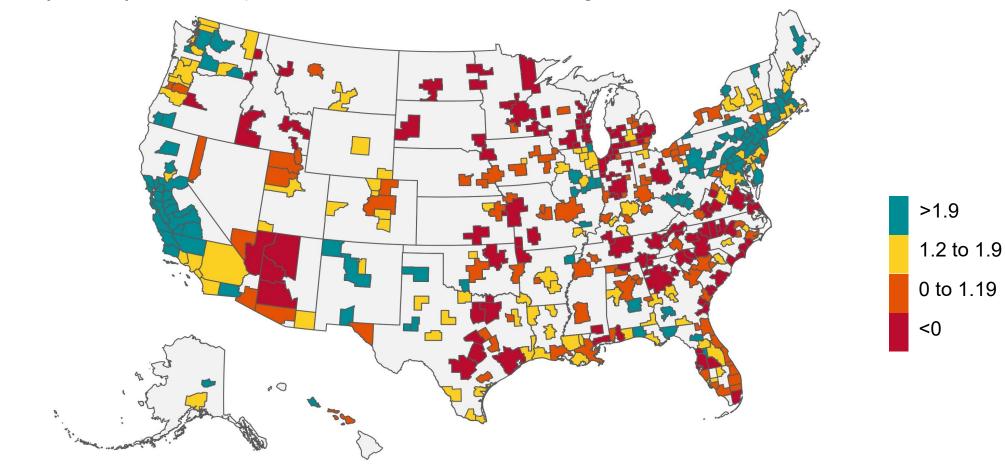
Moody's Analytics house price, 2015=100



Source: Moody's Analytics

#### Selected Markets in the West and South Are Particularly Fragile

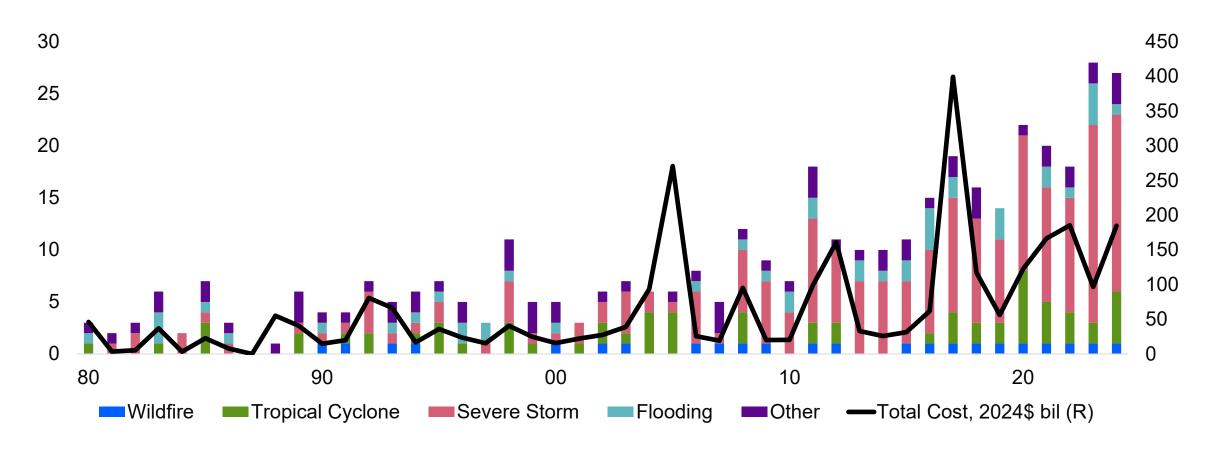
Moody's Analytics house price indexes, annualized % change, 2025Q2 to 2027Q2



Sources: Moody's Analytics

#### Severe Weather Events Increase in Frequency and Cost

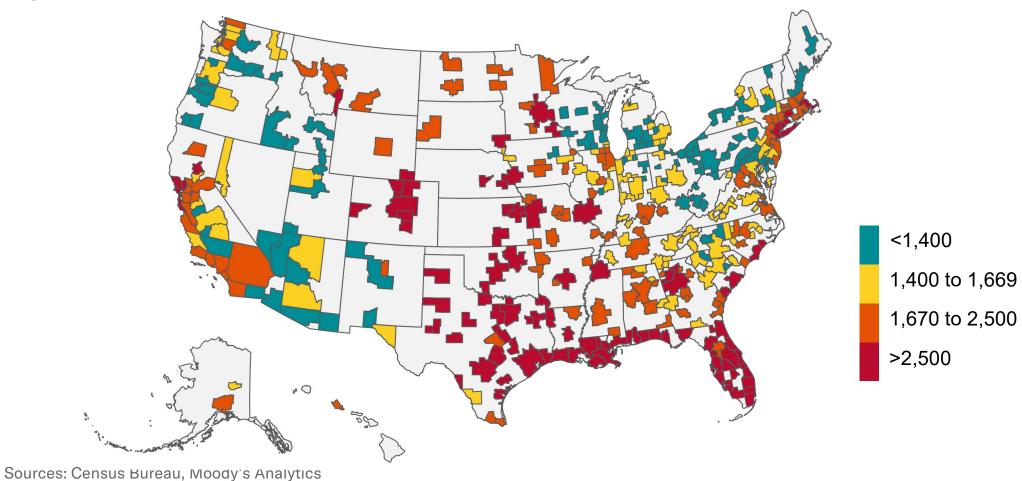
Billion-dollar weather and climate disaster events, #



Sources: NOAA, Moody's Analytics

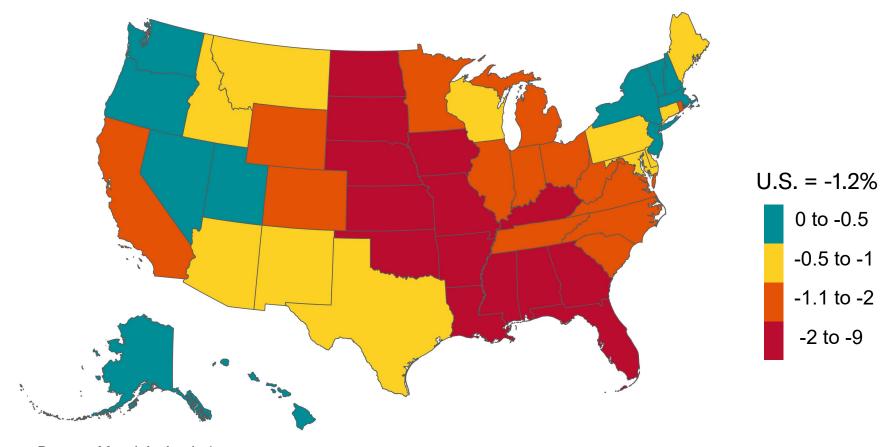
### Homeowners Insurance Premiums Vary Considerably by Area

Avg annual homeowners' insurance premium, \$



## Long-Term House Price Growth Reduced by Higher Insurance Costs

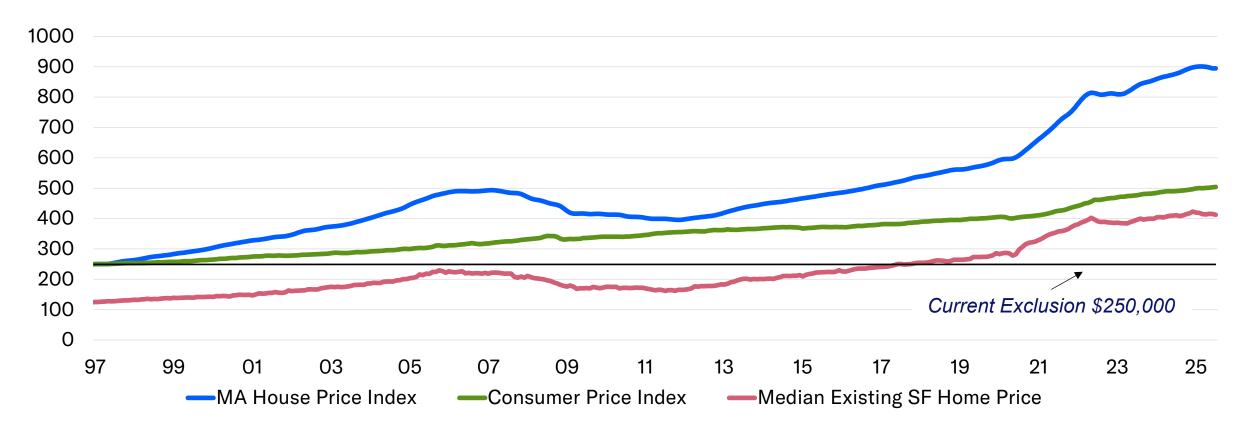
Reduction in House Prices from Baseline after 30 years, %



Sources: Census Bureau, Moody's Analytics

#### Capital Gains Taxes "Lock In" Some Long-Time Homeowners...

Capital Gains Tax Exclusion for Single Filers, \$ ths, indexed to...



Source: Moody's Analytics

#### ...With Millions of Households Potentially "Over-Housed"

# housing units by square footage and size of household, mil



Source: Census, Moody's Analytics

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