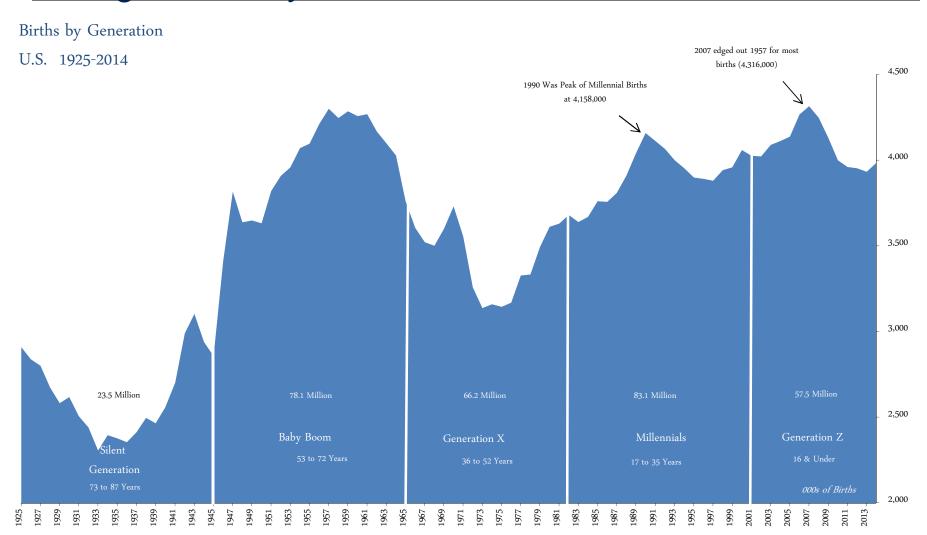


March 16, 2017



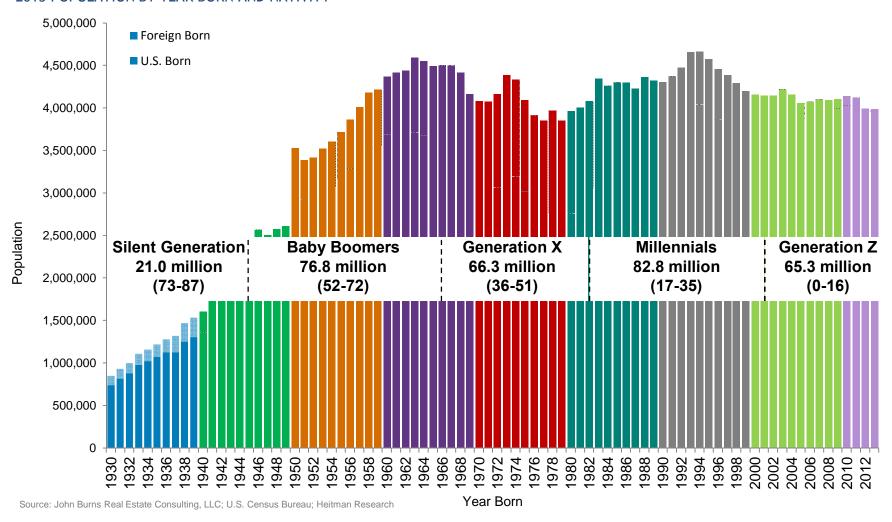
### Millennials Born Between 1982 and 2000; are aged 17-35 years old in 2017

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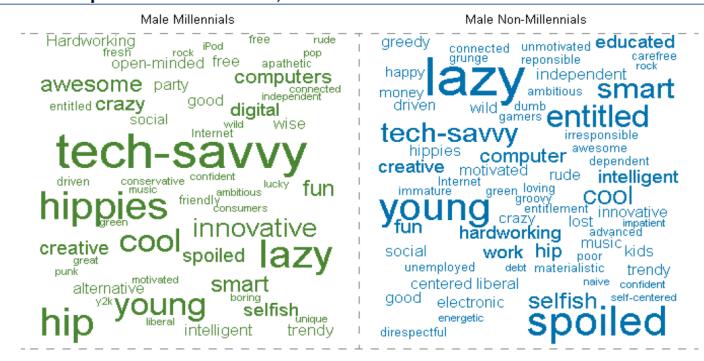


Source: National Center for Health Statistics, US Census Bureau; PopStats; Heitman Research

#### 2013 POPULATION BY YEAR BORN AND NATIVITY



#### Exhibit 5: Opinions of Generation Y, Millennials vs. Non-Millennials



Source: BCG. \*size of word denotes frequency in survey

#### Answers from respondents who said their generation was

unique/distinct: Millennials 1. Technology use

(24%)2. Music/pop

culture (11%)

- 3. Liberal/tolerant (7%)
- 4. Smarter (6%)
- 5. Clothes (5%)

Gen X

- 1. Technology use (12%)
- 2. Work ethic (11%)
- 3. Conservative/ traditional (7%)
- 4. Smarter (6%)
- 5. Respectful (5%)

**Baby Boomers** 

- 1. Work ethic (17%)
- 2. Respectful (14%)
- 3. Values/morals (7%)
- 4. %Baby boomers+ (6%)
- 5. Smarter (5%)

Silent Generation

- 1. WWII, Great Depression (14%)
- 2. Smarter (13%)
- 3. Honest (12%)
- 4. Work ethic (10%)
- 5. Values/morals (10%)

Millennials: technology is dominant factor; Gen X: less consensus about defining traits

Boomers: values-basedo also kind of smug?

Silent Generation: shared experiences, also values-based

Source: Pew Research Center 2010 Survey

Design That Draws: Attracting New Demographics to the Suburbs, March 16, 2017

#### LIFE CYCLE EFFECTS

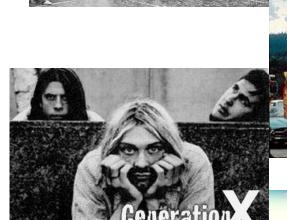
Younger people exhibit different behaviors than older generations today, but they are likely to become more like them as they age and move through various life stages

#### **PERIOD EFFECTS**

Major events (wars, social movements, recessions, technological breakthroughs) affect all cohorts, but the impact often differs based on where people are in their life cycle

#### **COHORT EFFECTS**

Young people in the formative stages of adulthood are often deeply affected by period events and trends, and these stay with them throughout their lives





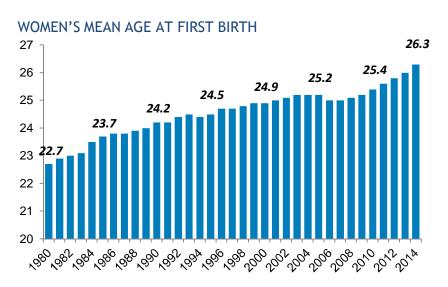
WHILE GENERATIONS HAVE PERSONALITIES, THEY ARE NOT MONOLITHIC

The oldest Millennials are aging into their prime working/spending/family formation years, with implications for:

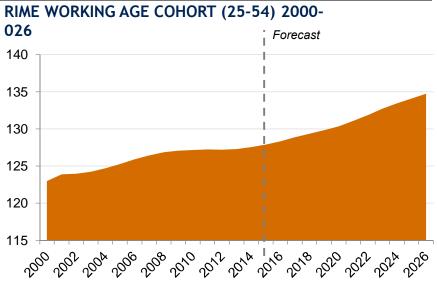
Residential

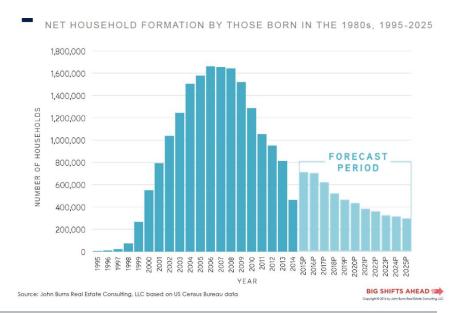
Office

Retail



Source: Centers for Disease Control and Prevention, National Vital Statistics Report; Heitman Resear





#### **PREFERENCE**

Climate

Walkability

Nightlife

Cultural amenities

Small town vs. big city

#### **NECESSITY**

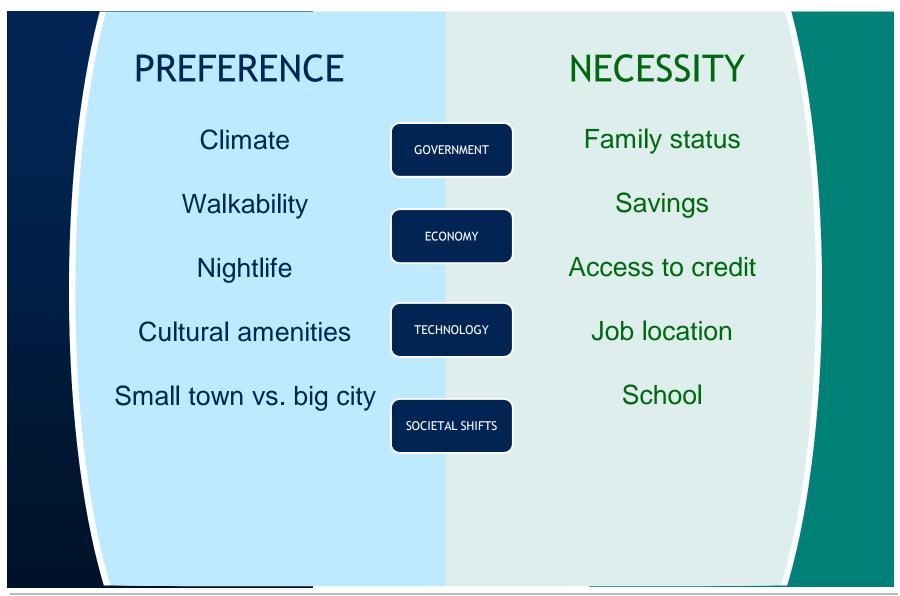
Family status

Savings

Access to credit

Job location

**Schools** 



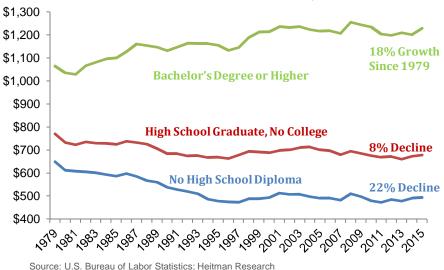
# Fallout from GFC and societal shifts hit homeownership for all cohorts, but Gen X and Millennials in particular

Each generation has worked in a period of slower economic growth than the prior

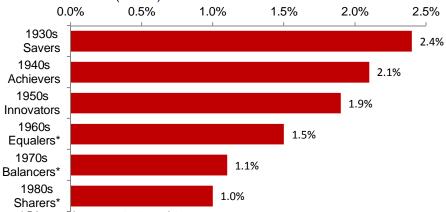
Declining incomes for low-skill workers drives a socioeconomic divide

Delayed household/family formation for reasons economic and social pushes back home purchase

#### REAL MEDIAN WEEKLY EARNINGS BY EDUCATION, 1979-2015

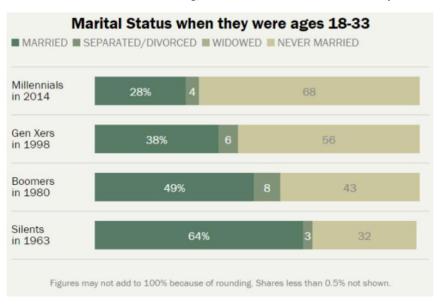


#### AVERAGE REAL GDP GROWTH PER CAPITA DURING PRIME WORKING YEARS (25-54)



\* Prime working years not yet complete

Source: John Burns Real Estate Consulting, LLC calculations of Bureau of Economic Analysis data



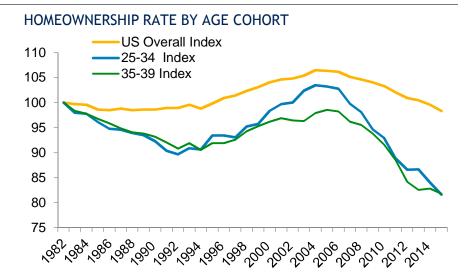
## Numerous surveys indicate that young renters would still like to buy a home someday

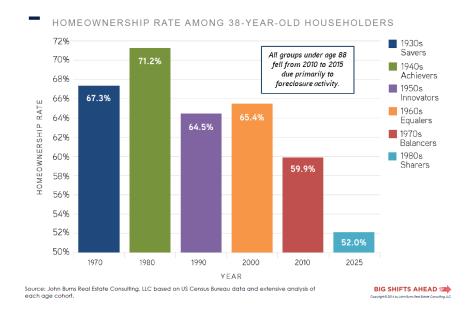
**60%** of millennials surveyed globally by CBRE plan to buy

Fannie Mae survey found **76%** of young renters think owning makes more sense for financial reasons and **59%** for lifestyle reasons

ULI/UDR survey of Millennials: **70%** expect to be homeowners by 2020. **62%** expect to live in single family home.

Large portions of the U.S. population are at (or past) the point of typical first home purchase. Will some be shut out of homeownership even longer?





#### The urban growth story is more nuanced than headlines might suggest

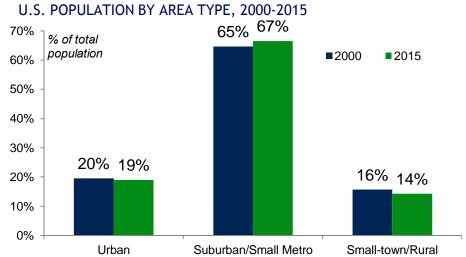
A majority of the U.S. population (including millennials) still lives in suburbs or small MSAs

While urban areas have seen growth in Millennial households, many urban cores are so expensive only HENRYs can live there

The trend is highly market-specific

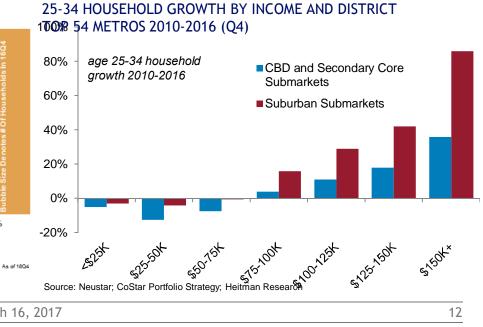
Sources: Neustar; CoStar Portfolio Strategy

\*\*Analysis limited to National Index (54 major metros)



Source: U.S. Census Bureau: Heitman Research

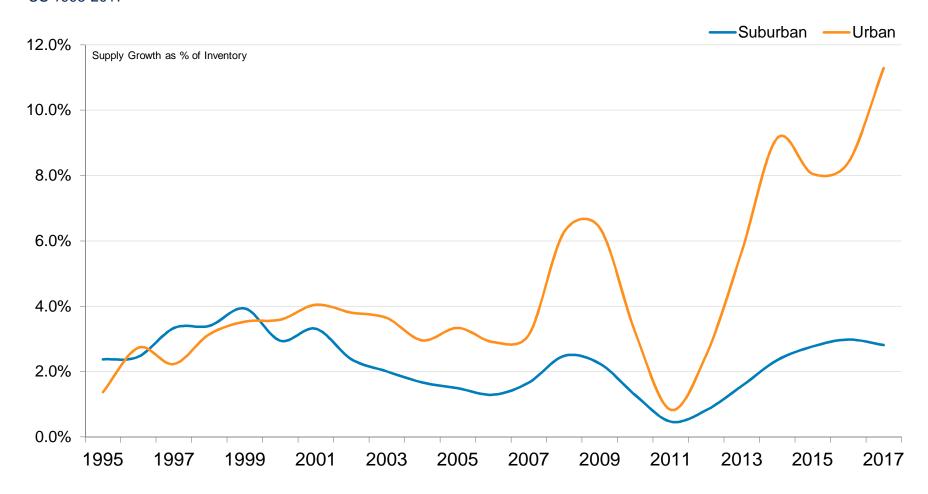
#### Age 25-34 Household Growth By District Type From 2010-16Q4 Change In Share Of Age 25-34 Households (2010-16Q4) Suburban 1.0% 0.5% Urban 0.0% Prime Suburban (0.5%)condary Core (1.0%)12% Percentage Growth Of Age 25-34 Households (2010-16Q4)



### A lack of nuanced understanding of trends can lead to market imbalances

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INSTITUTIONAL-QUALITY APARTMENT SUPPLY GROWTH AS % OF INVENTORY US 1995-2017



Source: Axiometrics; Costar Portfolio Strategy; Heitman Research

Note: 2017 reflects Axiometricsgforecast

#### **Urban Core**

Easy access to public transportation or walkable to major employment center

Abundant retail/entertainment amenities in the surrounding area

Above-average household income and education levels in the surrounding area

Cost of rent should not exceed the cost to own like-kind residence in the trade area.

Community should have common area amenities in line with top of market or ability to add adequate amenities

Low concentration of studios and/or small 1-bedroom units. These units tend to experience higher turnover.

#### Suburban

Access to public transportation and/or major employment node

Retail/entertainment amenities, as well as market dominant grocer in the surrounding area

Above-average school district

Cost of rent should not exceed the cost to own like-kind residence in the trade area.

Community should have common area amenities in line with top of market or ability to add adequate amenities

Higher than average concentration of 2-bed or 3-bed units.

Preference toward townhome style properties with direct access or detached garages.

# Research-driven demographic analysis for the development and execution of investment strategies

33,000+
ZIP codes in the United States

375
Metrics in demographics database

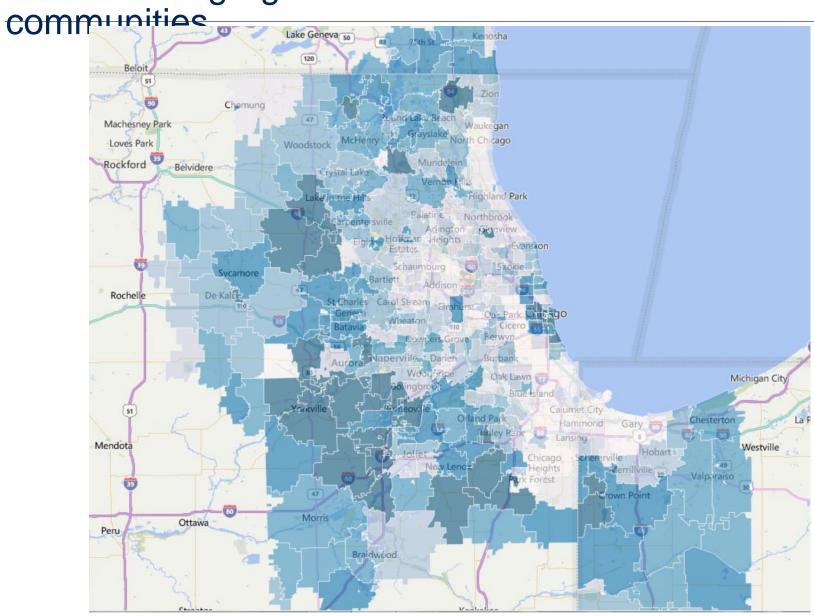
### 1 composite score

Accounting for population growth, educational attainment, aggregate household income growth, and in-migration

Mapped Opportunity Areas to capture demand from target cohort

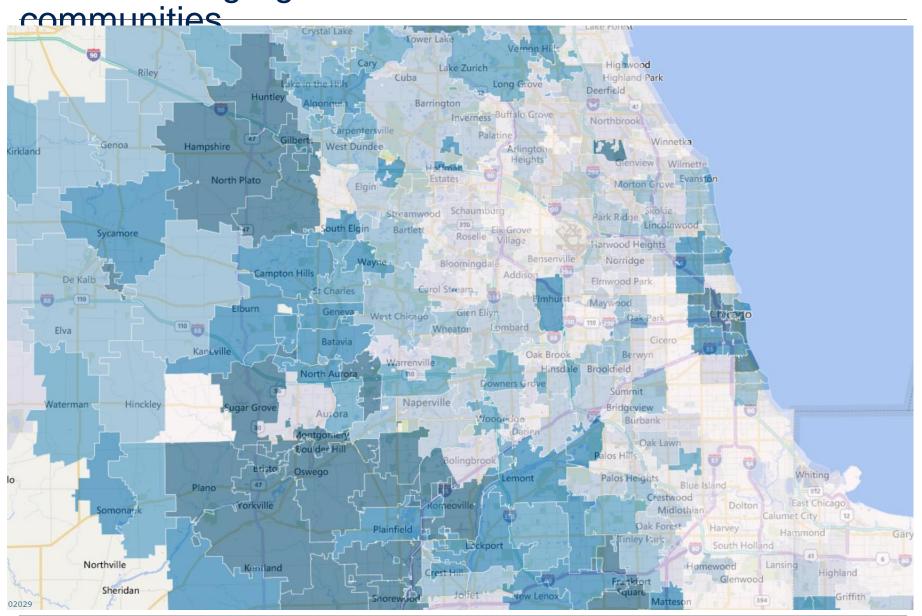
### Chicago: Solid scores in historic urban core and select high-growth suburban

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### Chicago: Solid scores in historic urban core and select high-growth suburban

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# Chicago: Solid scores in historic urban core and select high-growth suburban communities

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