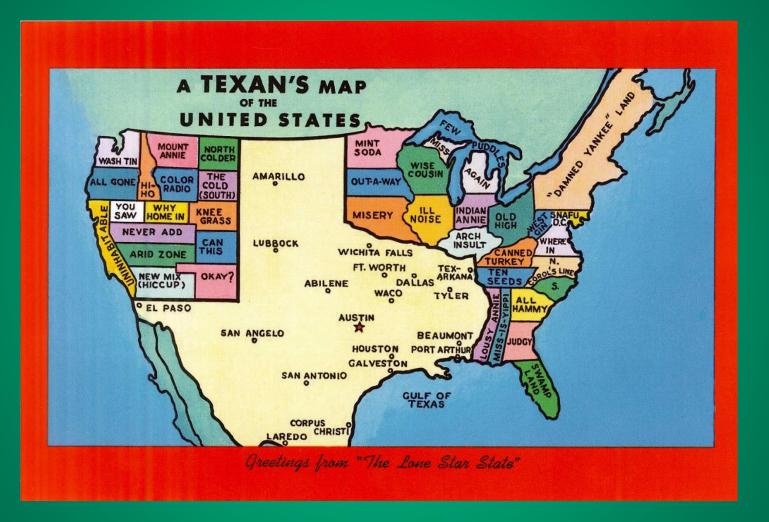


TEXAS MULTIFAMILY MARKETS JEANETTE I. RICE, CRE AMERICAS HEAD OF MULTIFAMILY RESEARCH

FEBRUARY 21, 2020



MULTIFAMILY IS STILL A FAVORED SECTOR

\$551 billion total investment in U.S. commercial real estate in 2019. Multifamily represented 33% of total and largest market share



TEXAS IS ONE OF HOTTEST REGIONS FOR MF INVESTMENT

Texas captured 14% of all U.S. multifamily investment in 2019 - \$24 billion



TEXAS IS ONE OF HOTTEST REGIONS FOR MF INVESTMENT

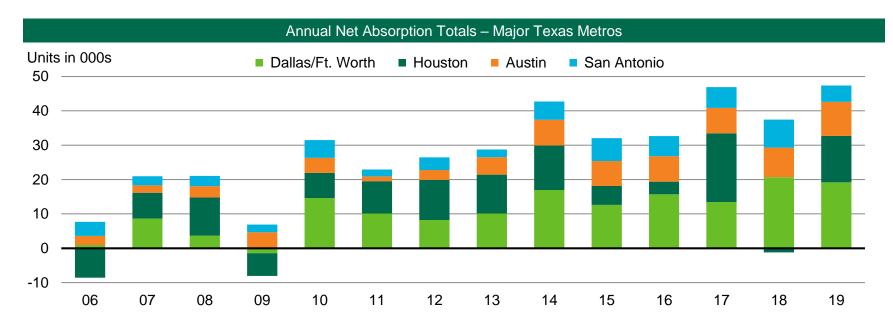
16% or 1 in every 6 units bought in U.S. in 2019 was located in DFW, Houston, Austin or San Antonio



INCREDIBLE DEMAND

HIGH LEVELS OF MULTIFAMILY DEMAND

In past decade (2010 through 2019), major Texas metros absorbed nearly 350,000 multifamily units.



Source: CBRE Research, CBRE Econometric Advisors, Q4 2019.

LEADING METROS - NET ABSORPTION

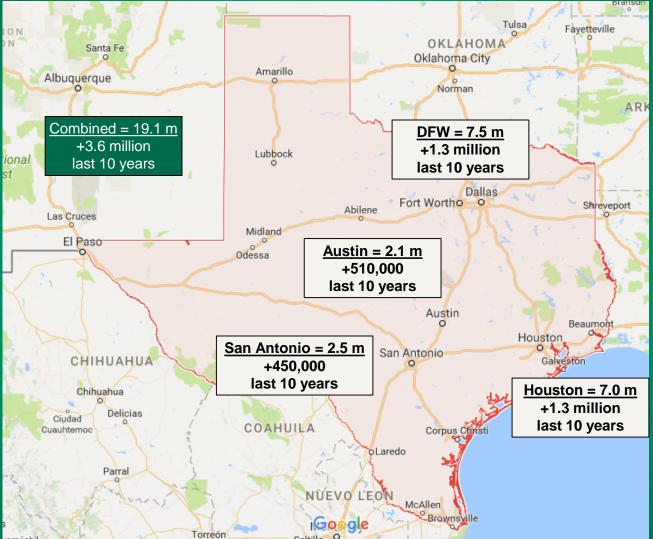
Robust demand in Texas; four major metros total 45,300 or 15% of U.S. total

| Metro | | Units Absorbed Past 4 Qtrs. | Net Absorption to Inventory (%)* | |
|-------|-----------------------|--------------------------------|-------------------------------------|--|
| | Sum of Markets | 299,400 | 1.9 | |
| 1 | New York Metro* | 40,100 | 1.8 | |
| 2 | Dallas/Ft. Worth | 19,200 | 2.7 | |
| 3 | Washington, D.C. | 14,300 | 2.4 | |
| 4 | Los Angeles/So. Cal.* | 14,100 | 0.9 | |
| 5 | Miami/So. Florida* | 13,800 | 2.3 | |
| 6 | Seattle | 12,400 | 3.2 | |
| 7 | Chicago | 11,700 | 1.5 | |
| 8 | Houston | 11,400 | 1.8 | |
| 9 | Austin | 9,900 | 4.5 | |
| 10 | Boston | 9,700 | 2.0 | |
| 11 | San Fran Bay Area* | 9,400 | 1.6 | |
| 12 | Atlanta | 9,200 | 2.1 | |
| 13 | Denver | 8,600 | 2.7 | |
| 14 | Philadelphia | 7,800 | 2.5 | |
| 15 | Orlando | 7,200 | 3.3 | |
| 16 | Phoenix | 6,700 | 1.9 | |
| 17 | Portland | 6,400 | 3.2 | |
| 18 | Charlotte | 5,400 | 3.3 | |
| 19 | Minneapolis | 5,200 | 1.8 | |
| 20 | Nashville | 4,900 | 3.5 | |
| 21 | San Antonio | 4,800 | 2.5 | |

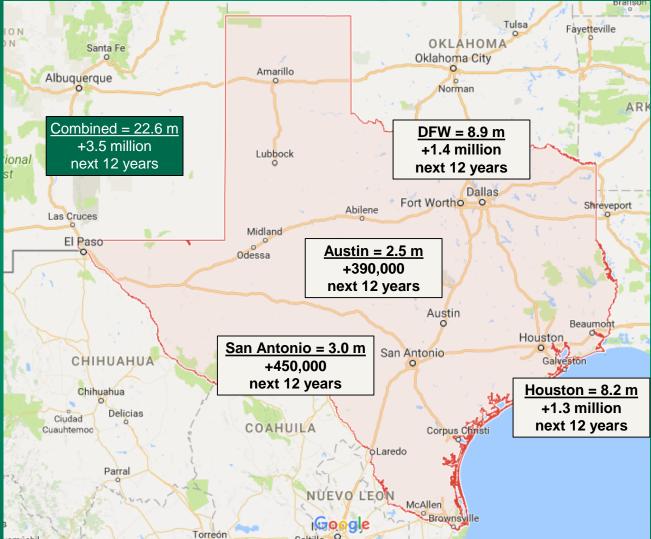


Source: CBRE Research, CBRE Econometric Advisors, Q4 2019.









RENTERS STAYING PUT

Urban living

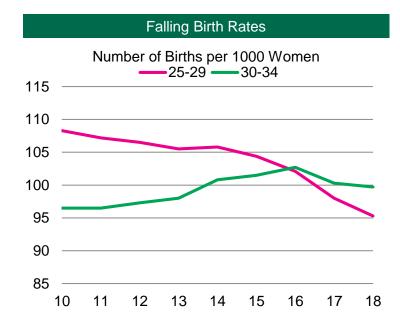
New generation of multifamily housing product



LIFESTYLE CHANGES GENERALLY FAVOR MULTIFAMILY

Many aspects of lifestyle of current younger households are conducive to renting multifamily housing longer (even when single-family is affordable)

- Delayed "trigger points" for homebuying
 - Getting married later
 - Starting families later (or not having kids)
- Renting socially acceptable among professional classes
- Strong appeal of flexibility and ease of mobility from renter tenure



Source: CBRE Research, NCHS National Vital Statistics Reports, Q4 2019. Birth rates include all children regardless of birth order.

HOMEOWNERSHIP NOT EASILY ATTAINABLE

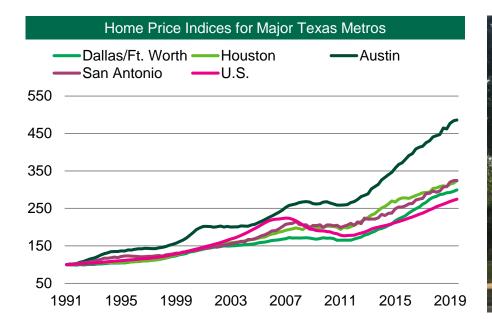
Buying a house may be desired, but not attainable

- Costs prohibitive to many renters
 - U.S. median sales prices have risen by 7.5% annually for past seven years
- Lack of household savings
- Student debt
- Mismatch between what is affordable and what desired



TEXAS HOME PRICE INDEX

Since recession home values in Texas have risen greater than the U.S., ranging from

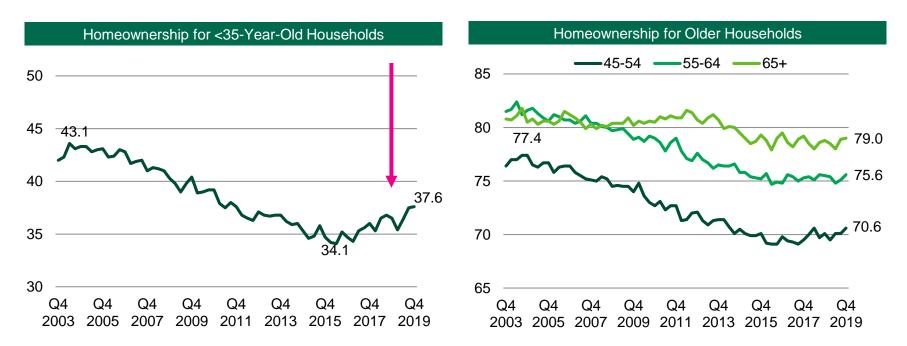




Source: CBRE Research, FHFA, Q3 2019. Quarterly seasonally-adjusted indices.

U.S. HOMEOWNERSHIP – BY AGE COHORTS

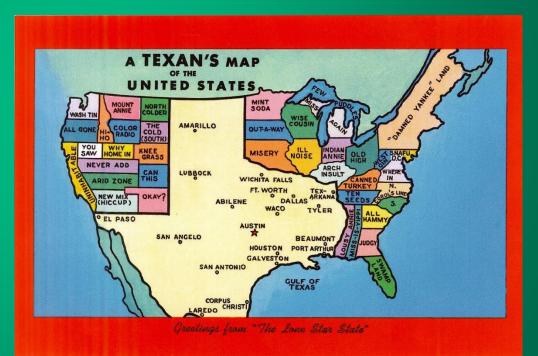
Homeownership rising faster in younger households – a possible drag on multifamily demand



Source: CBRE Research, U.S. Census Bureau, Q4 2019. Not seasonally-adjusted rates.

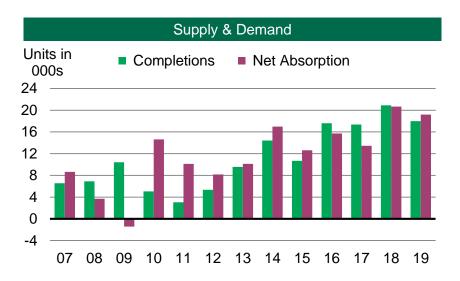
THE TEXAS QUESTION

ARE WE OVERBUILDING (YET)?



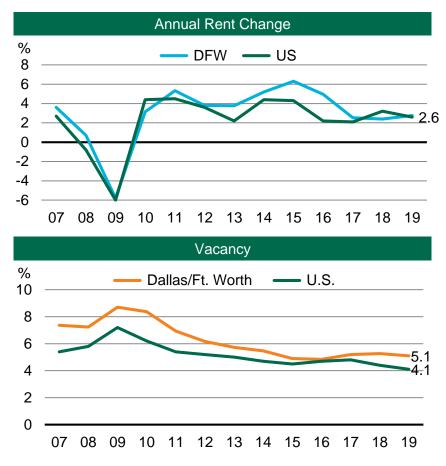
DALLAS/ FT. WORTH

DALLAS/FT. WORTH



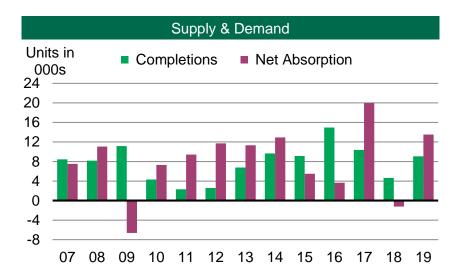
• Pipeline: 33,100 units under construction, second highest total in U.S. after New York

Source: CBRE Research, CBRE Econometric Advisors, Q4 2019.





HOUSTON



- Demand outpacing supply, but construction pipeline is very high.
- Pipeline: 29,600 units under construction, fourth highest total in U.S. after New York, DFW, Washington, D.C.

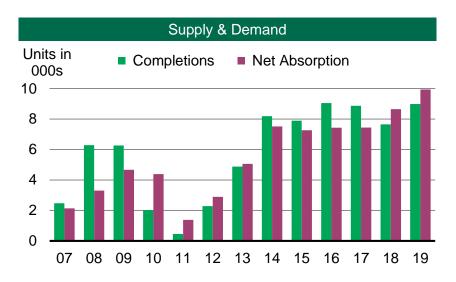
Source: CBRE Research, CBRE Econometric Advisors, Q4 2019.



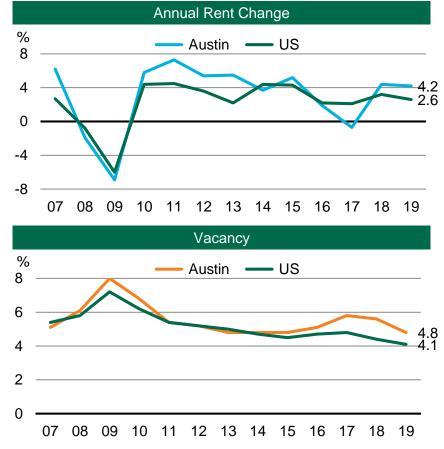
111

THE OWNER DESIGNATION.

AUSTIN



• Pipeline: 16,100 units under construction, eighth highest total in U.S.



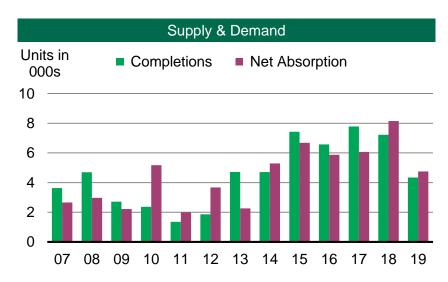
Source: CBRE Research, CBRE Econometric Advisors, Q4 2019.

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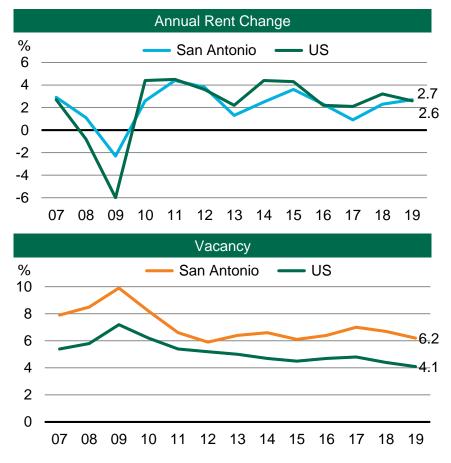
CBRE

SAN ANTONIO

SAN ANTONIO



Construction pipeline: 9,700 units under construction

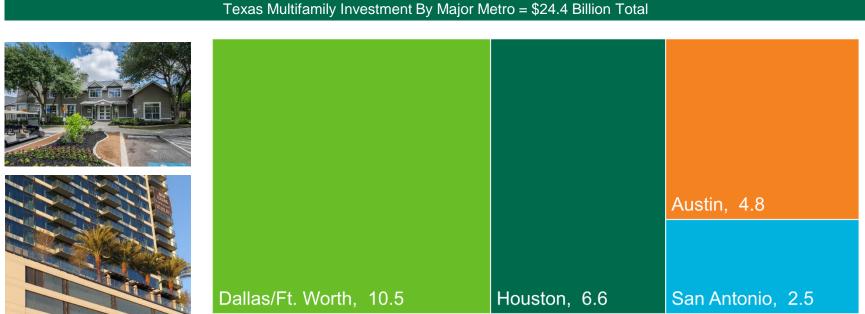


Source: CBRE Research, CBRE Econometric Advisors, Q4 2019.

INVESTMENT

INVESTMENT UPDATE – TEXAS MAJOR METROS

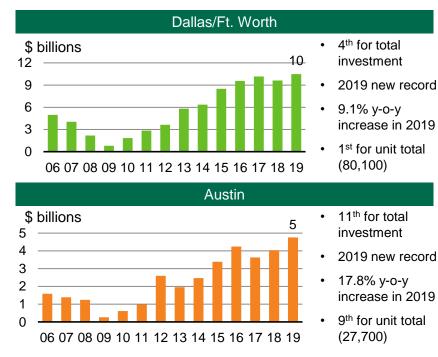
Major Texas metros attracted \$24.4 billion of multifamily investment, 2019



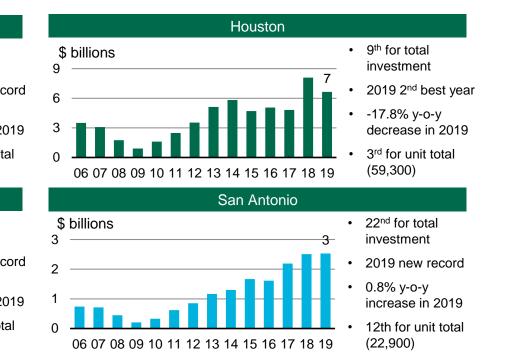
Source: CBRE Research, Real Capital Analytics, Q4 2019.

INVESTMENT UPDATE – TEXAS MAJOR METROS

2019 investment higher than 2018



Source: CBRE Research, Real Capital Analytics, Q4 2019.



INBOUND CAPITAL METRO DESIGNATIONS

Austin & Houston ranked 5th and 7th for cross-border investment in 2019





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Top Destinations for International Buyers of U.S. Multifamily (\$ Millions)

Source: CBRE Research, Real Capital Analytics, Q4 2019.

TEXAS MULTIFAMILY SCORECARD

TEXAS MULTIFAMILY SCORECARD



| Criteria | | U.S. | Dallas/Ft. Worth | Houston | Austin | San Antonio |
|------------|---|------|---------------------|---------|--------|-------------|
| | Current Performance (rent, vacancy) | B+ | B+ | B- | A- | B+ |
| Demand | Economy, Household Formation | C+ | А | А | А | А |
| | Lifestyle, Demographics | A- | A- | A- | А | B+ |
| | SF Housing Costs (high costs = more favorable mf demand) | A- | В | В | B+ | С |
| Supply | Matching Demand Levels – short-term (not overbuilding) | B+ | В | С | В | В |
| | Matching Demand Levels – longer-term (building enough) | С | В | B+ | B- | В |
| | Matching New Supply With Current Housing Needs | C- | C+ | C+ | C+ | C+ |
| Investment | Investor Appeal | А | А | B+ | A+ | C+ |
| | Pricing (for Sellers) | А | A- | A- | А | B+ |



THANK YOU

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