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FORT WORTH HOTEL MARKET UPDATE

August 22nd, 2019

Prepared for:



CBRE

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01

HISTORICAL RESULTS

YEAR END 2018 SUBMARKET COMPARISON

All Hotels – Fort Worth Submarket Analysis
Year End 2018 Compared to Year End 2017

Submarket	Occupancy		ADR		RevPAR	
	Percent	Pt. Change	\$ Amount	% Change	\$ Amount	% Change
CBD / I-820	70.7%	0.6%	\$122	2.9%	\$86	3.5%
North	72.5%	0.7%	\$81	3.1%	\$59	3.8%
Arlington	69.4%	1.4%	\$94	1.4%	\$65	2.8%
Bedford / Grapevine	75.2%	-1.4%	\$145	3.3%	\$109	1.9%
South / West	62.4%	3.2%	\$70	3.4%	\$44	6.7%
Average / Change	70.4%	0.7%	\$108	2.8%	\$76	3.5%
Source: STR, Inc.						

SECOND QUARTER 2019 SUBMARKET COMPARISON

All Hotels – Fort Worth Submarket Analysis
Q2 2019 Compared to Q2 2018

Submarket	Occupancy		ADR		RevPAR	
	Percent	Pt. Change	\$ Amount	% Change	\$ Amount	% Change
CBD / I-820	72.2%	-1.9%	\$126	1.3%	\$91	-0.7%
North	69.3%	-7.7%	\$84	2.8%	\$58	-5.1%
Arlington	71.2%	1.0%	\$92	0.4%	\$66	1.4%
Bedford / Grapevine	77.1%	-0.1%	\$146	1.3%	\$113	1.2%
South / West	63.5%	-0.1%	\$71	1.8%	\$45	1.7%
Average / Change	71.3%	-1.4%	\$111	1.9%	\$79	0.5%
Source: STR, Inc.						



02

THE ECONOMY

UNITED STATES: ECONOMIC OUTLOOK

	Employment	Personal Income	GDP	CPI (Inflation)
2019	1.5%	2.1%	2.3%	1.7%
2020	0.4%	1.6%	1.5%	1.8%
2021	-0.2%	1.6%	1.5%	1.6%
2022	0.2%	2.3%	2.3%	1.7%
2023	1.0%	2.8%	2.6%	2.0%

Source: CBRE EA, Moody's Analytics, Q2 2019

FORT WORTH: ECONOMIC OUTLOOK

	Employment	Personal Income	GDP	CPI (Inflation)
2019	1.7%	3.1%	2.3%	1.7%
2020	1.5%	2.6%	1.5%	1.8%
2021	1.2%	2.6%	1.5%	1.6%
2022	0.7%	3.3%	2.3%	1.7%
2023	1.7%	4.0%	2.6%	2.0%

Source: CBRE EA, Moody's Analytics, Q2 2019

ECONOMIC OUTLOOK COMPARISON

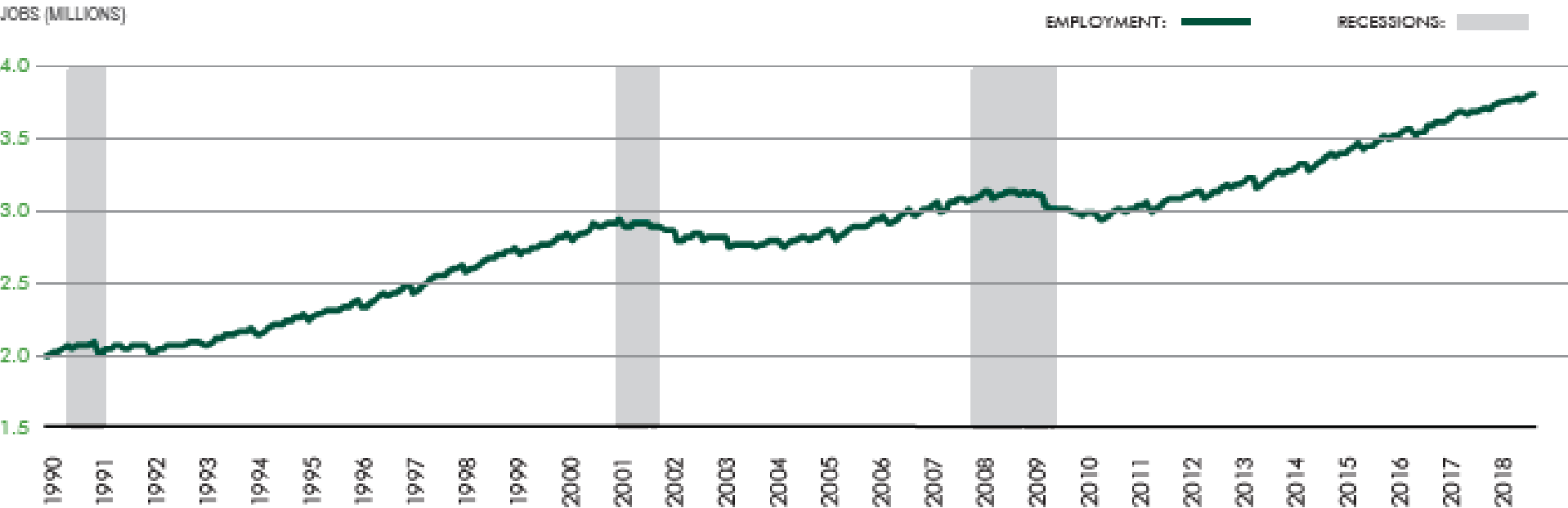
	Employment		Personal Income		GDP		CPI (Inflation)	
2019	1.5%	1.7%	2.1%	3.1%	2.3%	2.3%	1.7%	1.7%
2020	0.4%	1.5%	1.6%	2.6%	1.5%	1.5%	1.8%	1.8%
2021	-0.2%	1.2%	1.6%	2.6%	1.5%	1.5%	1.6%	1.6%
2022	0.2%	0.7%	2.3%	3.3%	2.3%	2.3%	1.7%	1.7%
2023	1.0%	1.7%	2.8%	4.0%	2.6%	2.6%	2.0%	2.0%

Source: CBRE EA, Moody's Analytics, Q2 2019

OUR EMPLOYMENT

OVERALL EMPLOYMENT REMAINS STRONG

Diversified economy has helped drive robust job growth.



#1

MARKET FOR NUMBER OF
JOBS ADDED

(Seasonally adjusted)

3.2%

YEAR-OVER-YEAR EXPANSION
IN EMPLOYMENT BASE
THROUGH JUNE 2018

773,300

JOBS ADDED SINCE
JUNE 2010

117,900

JOBS ADDED YEAR-OVER-YEAR
THROUGH DECEMBER 2018

Source: Texas Workforce Commission, Bureau of Labor Statistics, December 2018.

AIRPORT SYSTEM & LOGISTICS

5TH BUSIEST AIRPORT IN U.S.
(DFW INTERNATIONAL)

1 OF 7 AIRPORTS
AIRPORTS GLOBALLY WITH 200+ DIRECT
DESTINATIONS (DFW INTERNATIONAL)



#1 LARGE AIRPORT
IN NORTH AMERICA
FOR CUSTOMER SERVICE

82.8 MILLION annual passengers
(DFW International + Love Field)

9,600 ACRES of inland port designated as
Foreign-Trade Zone (Alliance Global Logistics Hub)

TOP 10 ranked container ports (BNSF
Intermodal Facility), Coordinating nearly **3,000**
trucks and **16** intermodal trains per day

Sources: Airports Council International, 2017;
DFW International Airport, Love Field, Hillwood, 2018.

TECHNOLOGY

1 of 3 OF ALL
HIGH-TECH JOBS IN TEXAS
ARE LOCATED IN DFW

7TH LARGEST
CONCENTRATION OF
TECHNOLOGY-RELATED
EMPLOYEES IN THE U.S.
(224,957 TECH TALENT TOTAL)

48
COWORKING
SPACES

29
INCUBATORS/
ACCELERATORS

Sources: CBRE Research, April 2018; Dallas
Regional Chamber, April 2018.

HOUSING MARKET

164,153

**SINGLE FAMILY
HOME SALES**
2018 YTD (NOV)



\$333,950

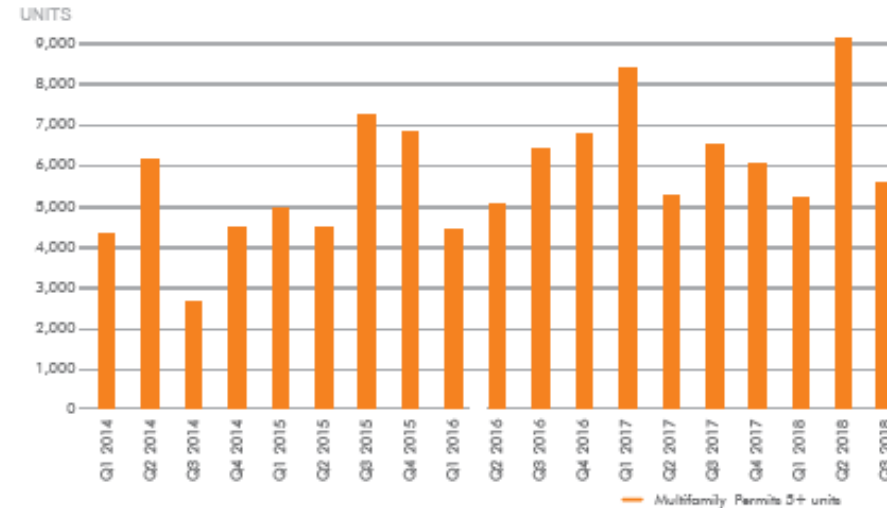
AVERAGE HOME PRICE



**2.9 MONTHS OF
HOUSING SUPPLY**
Y-O-Y (JUNE TO JUNE) SALES VOLUME
INCREASED 1.8%

Source: Texas A&M Real Estate Center, January 2019.

MULTIFAMILY PERMITTING ACTIVITY

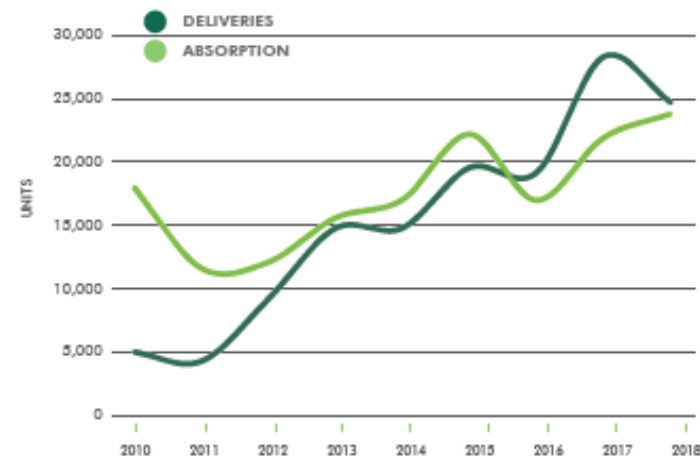


BUILDING PERMITS CONTINUE
TO CLIMB AS DEVELOPERS
LOOK FOR OPPORTUNITIES IN
SUBURBAN MARKETS

Source: U.S. Census Bureau, August 2018.

MULTIFAMILY DEVELOPMENT

Deliveries of multifamily units, long falling short of strong demand, is finally catching up

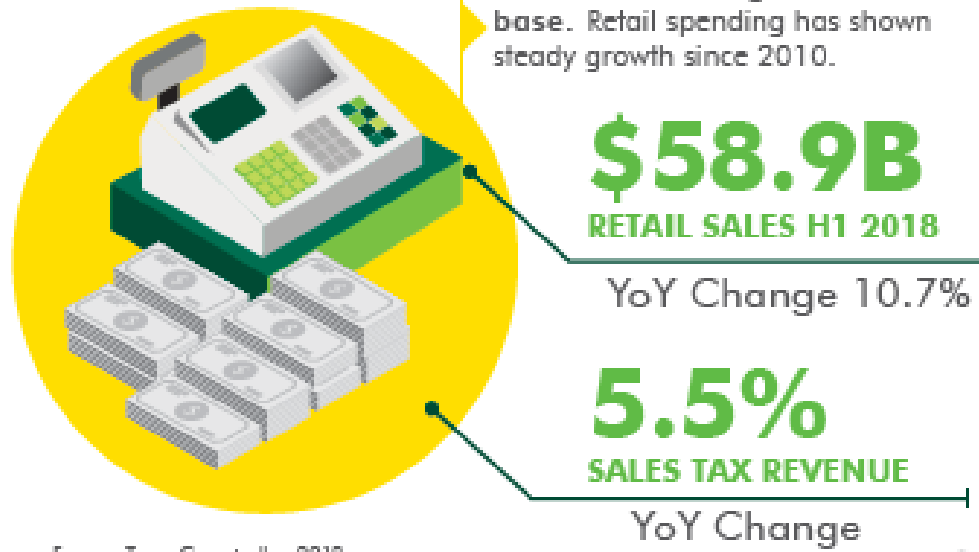


STRONG RENT GROWTH BRINGS A GROWING
DEMAND FOR VALUE-ADD AND CLASS B PRODUCT

Source: CBRE Research, Q4 2018.

RETAIL MARKET

RETAIL SALES



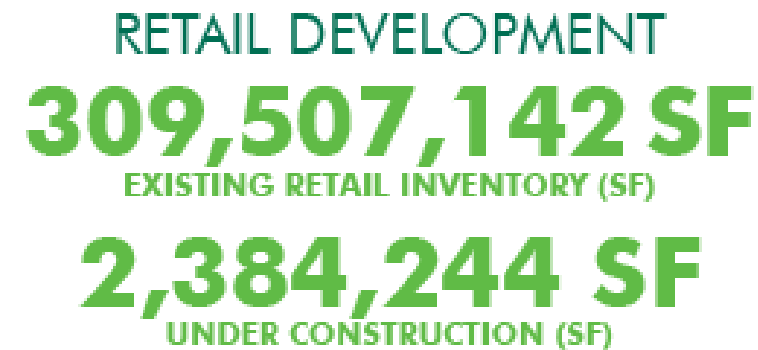
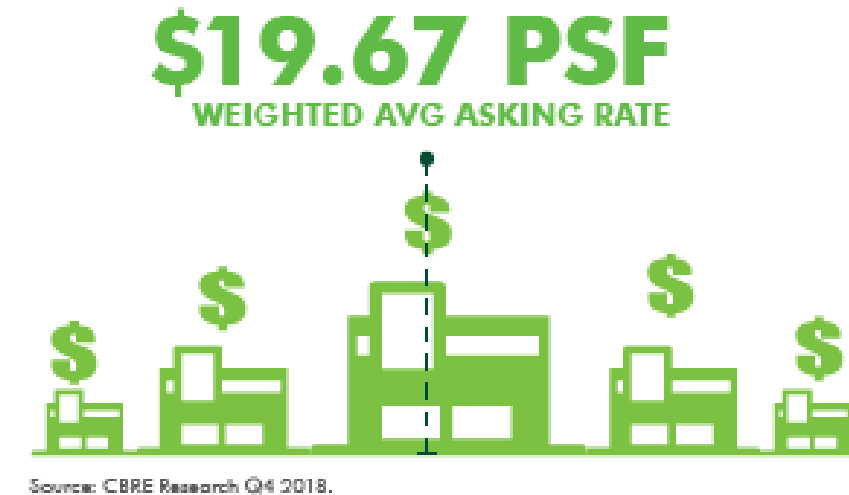
Source: Texas Comptroller, 2018.

RETAIL OCCUPANCY

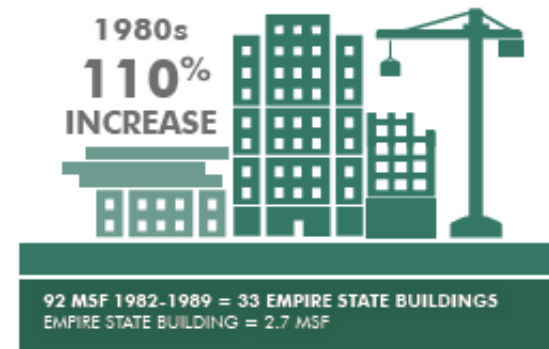
Source: CBRE Research Q4 2018.



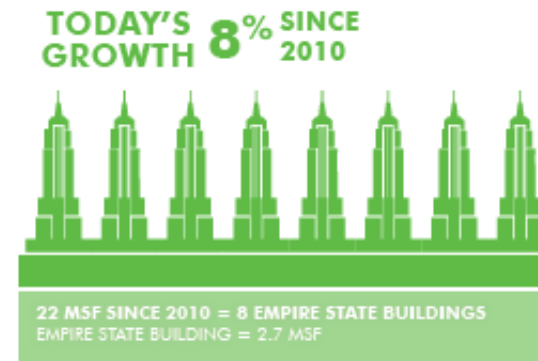
MARKET TRENDS



27.4 MSF OF OFFICE SPACE ABSORBED SINCE 2010, MORE THAN TO THE ENTIRE DALLAS CBD SUBMARKET.

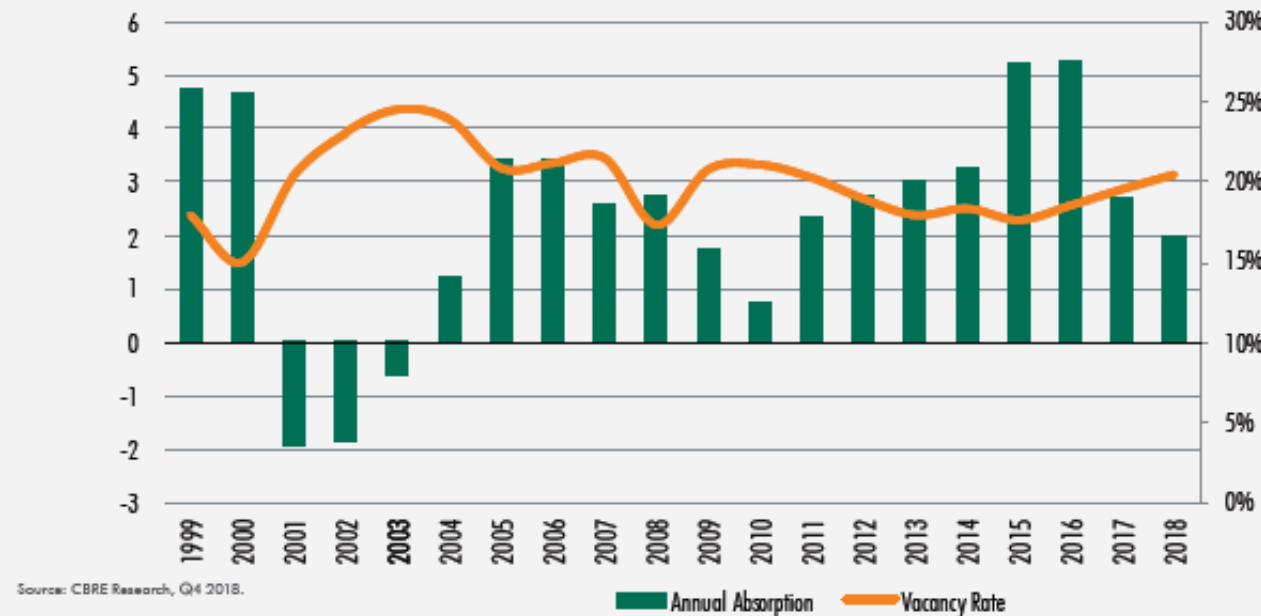


VS

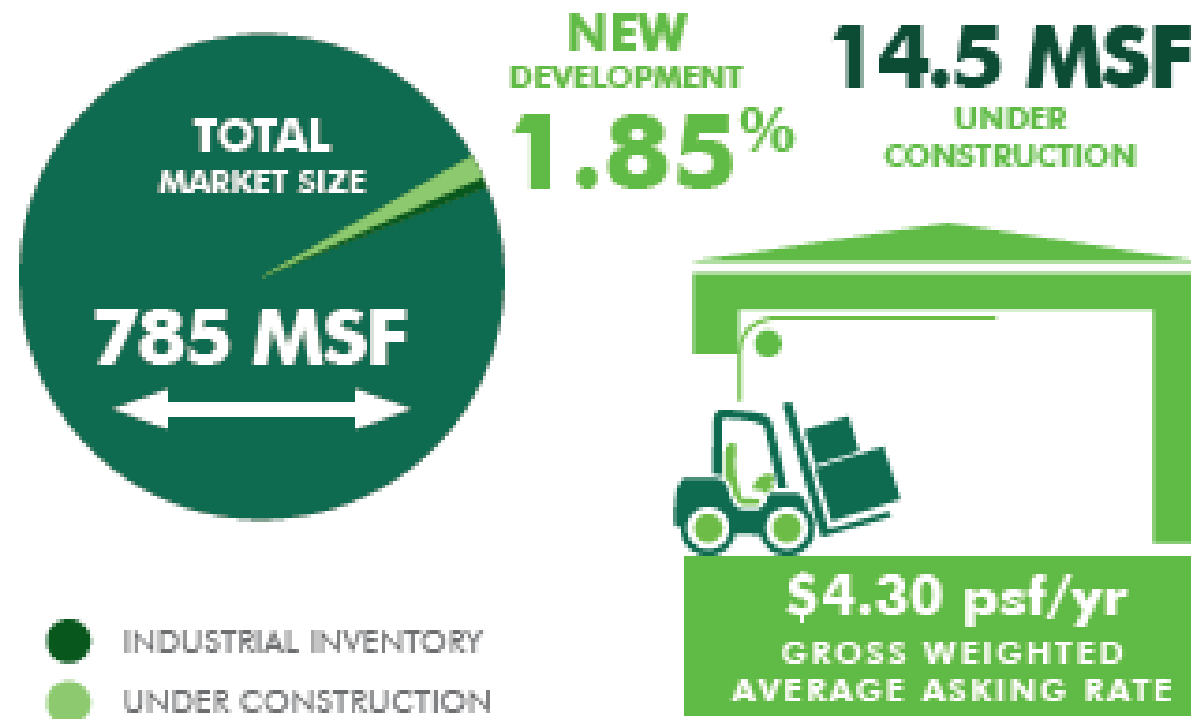


10 YR AVG: 2,872,811 SF OF ABSORPTION

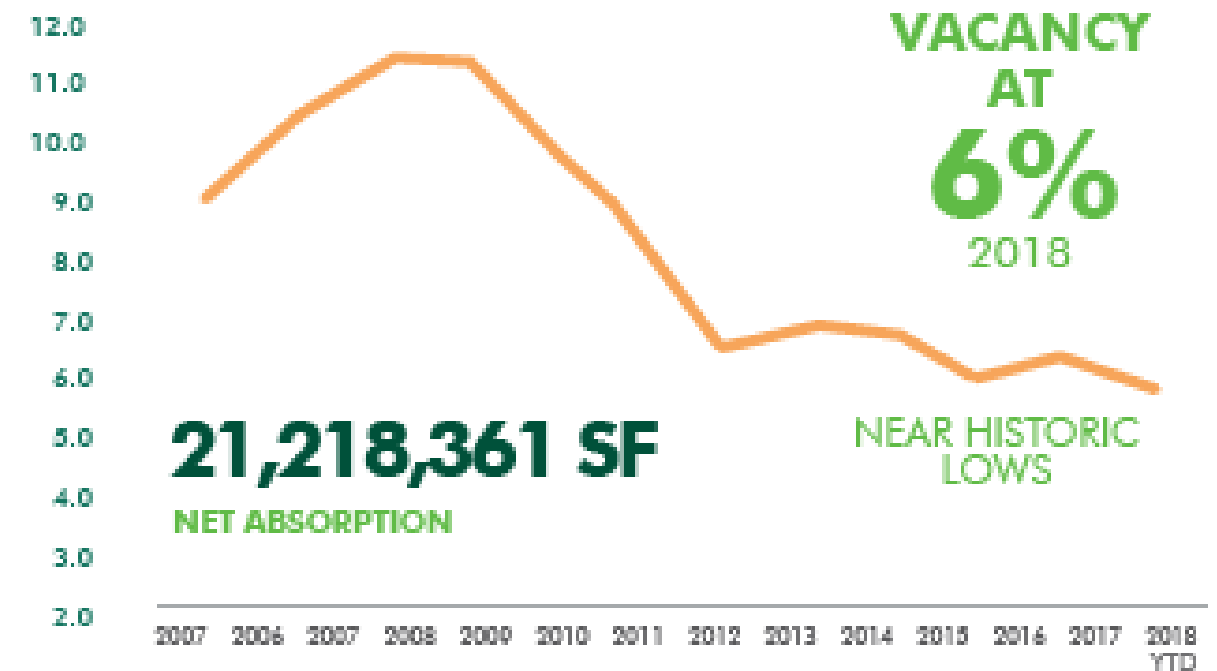
10 YR AVG: 19.43% VACANCY RATE



INDUSTRIAL DEVELOPMENT



INDUSTRIAL VACANCY TRENDS



Source: CBRE Research, Q4 2018.

Since 2016, Dallas/Fort Worth absorbed over 20 million sq. ft. of industrial space annually, and nearly 143 million sq. ft. since 2011!

#4
**MOST
ENTREPRENEURIAL CITIES**

FitSmallBusiness.com



BEST PERFORMING CITIES
MILKEN INSTITUTE (2018)

#4
TOP CITY FOR BUSINESS
Business Insider (2018)

#1
**TOP REAL ESTATE MARKETS
TO WATCH IN 2019**



JD POWER

#7 **TOP U.S. ECONOMIES**
BUSINESS INSIDER (2018)

#6 **BEST PLACES FOR
BUSINESS AND CAREER**
FORBES (2018)

4 **GLOBAL FORTUNE
500 COMPANIES**

#2
LARGEST DATA CENTER MARKET
SITE SELECTION GROUP (2018)

#4 **TOP METROS
FOR TALENT ATTRACTION**
(COLLIN COUNTY) EMSI (2018)

 **#1** **TOP CITY
FOR JOBS**
FORBES (2018)

Why Dallas/Fort Worth?

<https://www.cbre.com/research-and-reports/Why-DallasFort-Worth-March-2019>





03

BUSINESS CYCLES



**WHERE ARE WE IN
THE CYCLE?**

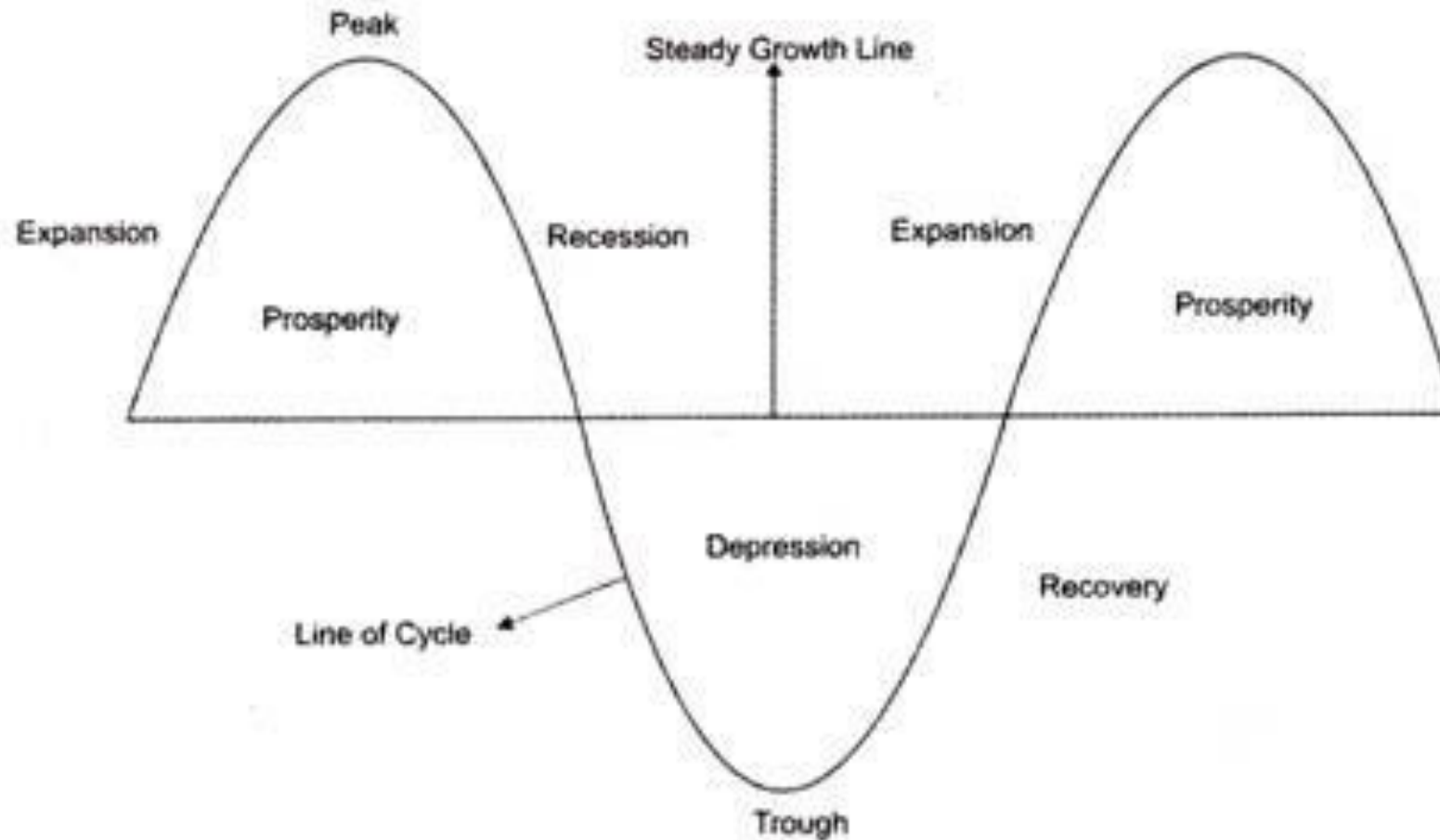
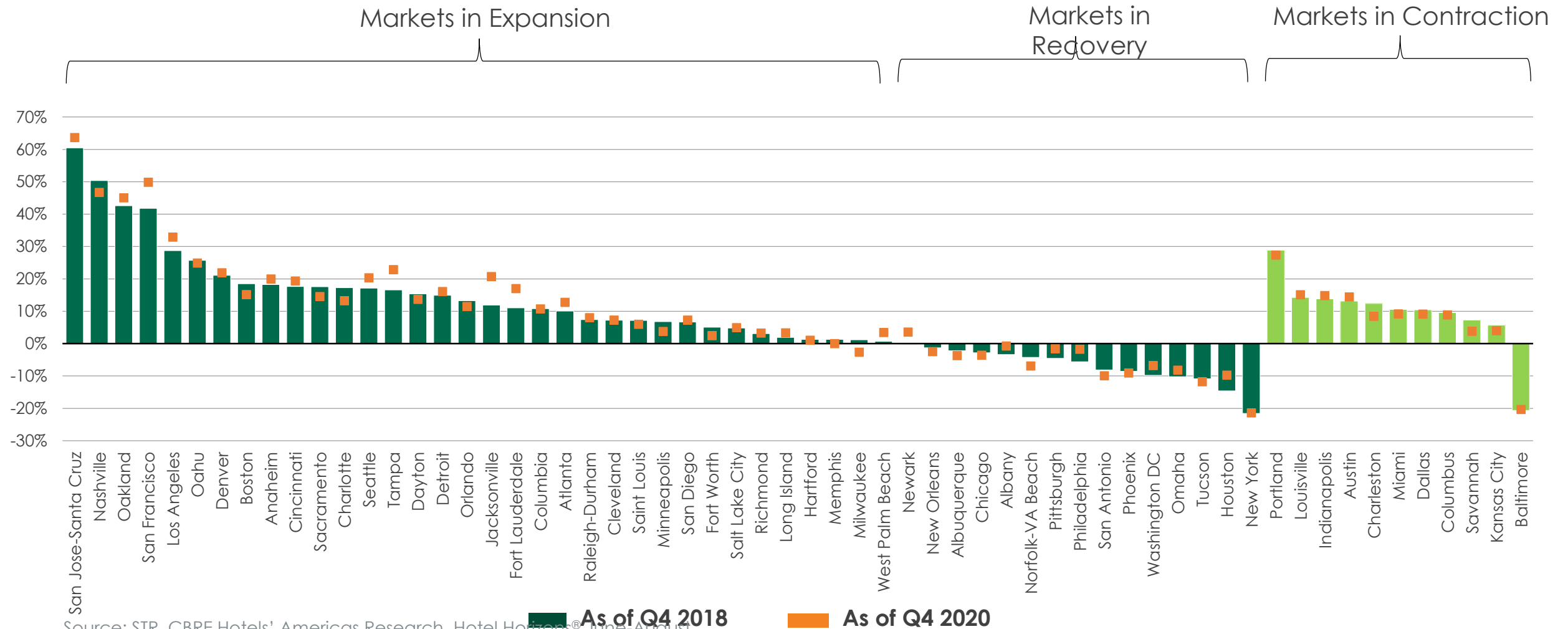


Figure-2: Representation of Phases of a Business Cycle

Source: Economicsdiscussion.net

REAL REVPAR CHANGE FROM PRE-RECESSION PEAK

Not All Markets Have Fully Recovered From the Last Recession



Source: STR, CBRE Hotels' Americas Research, Hotel Horizons® June-August 2019



04

Fort Worth PIPELINE

FORT WORTH PIPELINE – BY THE NUMBERS

<u>Properties</u>	<u>Factor</u>	<u>Rooms</u>
<u>PROJECT PHASE</u>		
107	TOTAL Fort Worth Pipeline	13,950+
1	Abandoned	182
3	Deferred	431
3	Unconfirmed	500+
44	Planning	5,737+
30	Final Planning	3,726
26	Start	3,374
<u>PRICE TIER</u>		
53	Upper-Priced	8,488+
54	Lower-Priced	5,462+
<u>TIMELINE</u>		
7	No Dates	1,032+
10	Open by YE 2019	1,566
49	Open by YE 2020	6,028+
41	Open 2021 and Beyond	5,324+

FORT WORTH PIPELINE – BY THE NUMBERS

All Hotels – Fort Worth Submarket Analysis
PIPELINE

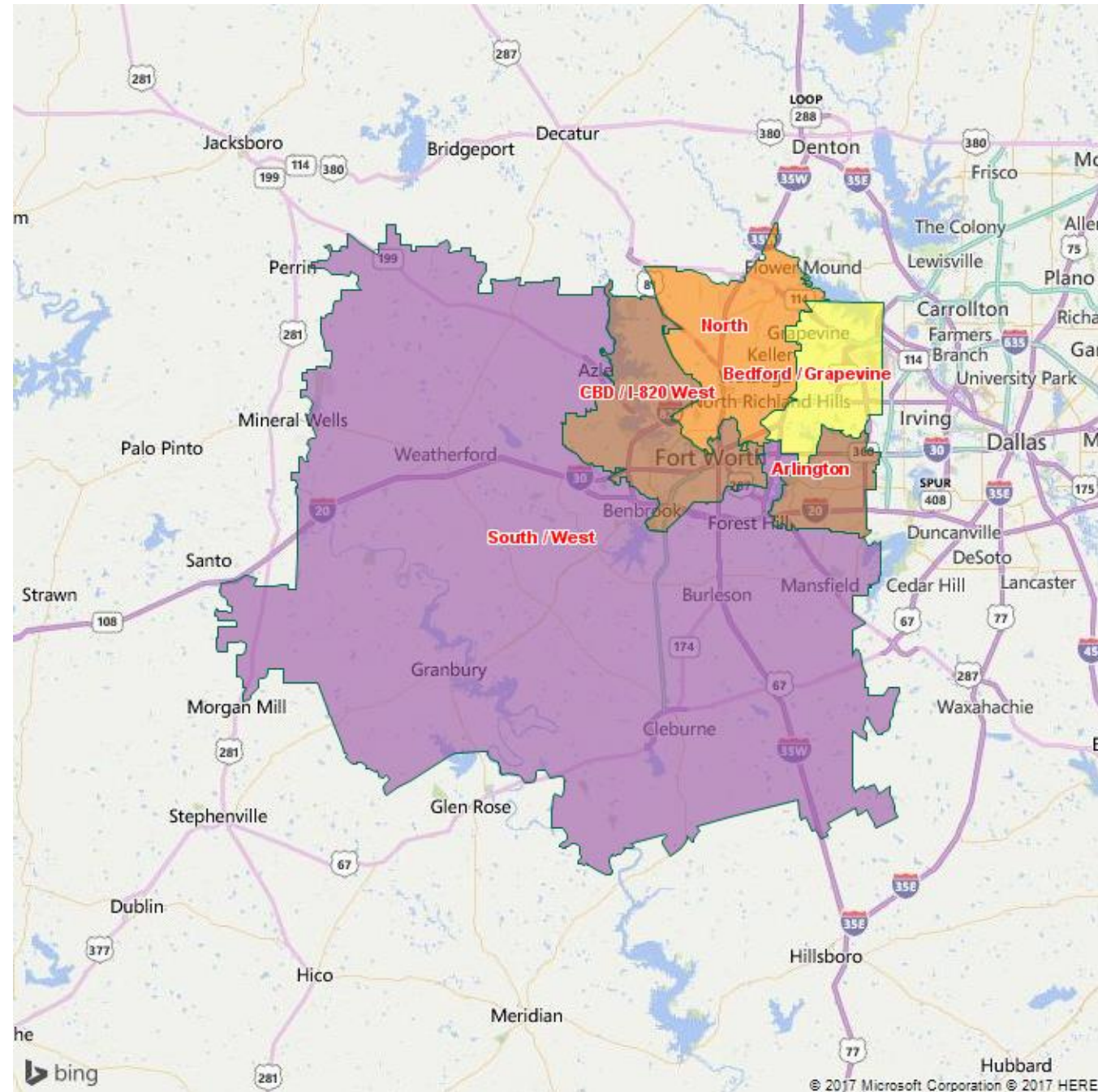
Submarket	Hotels	Rooms
CBD / I-820	29	3,741+
North	19	1,955+
Arlington	16	2,770
Bedford / Grapevine	24	3,619
South - West	19	1,865
Total	107	13,950+
Source: STR, Inc.		



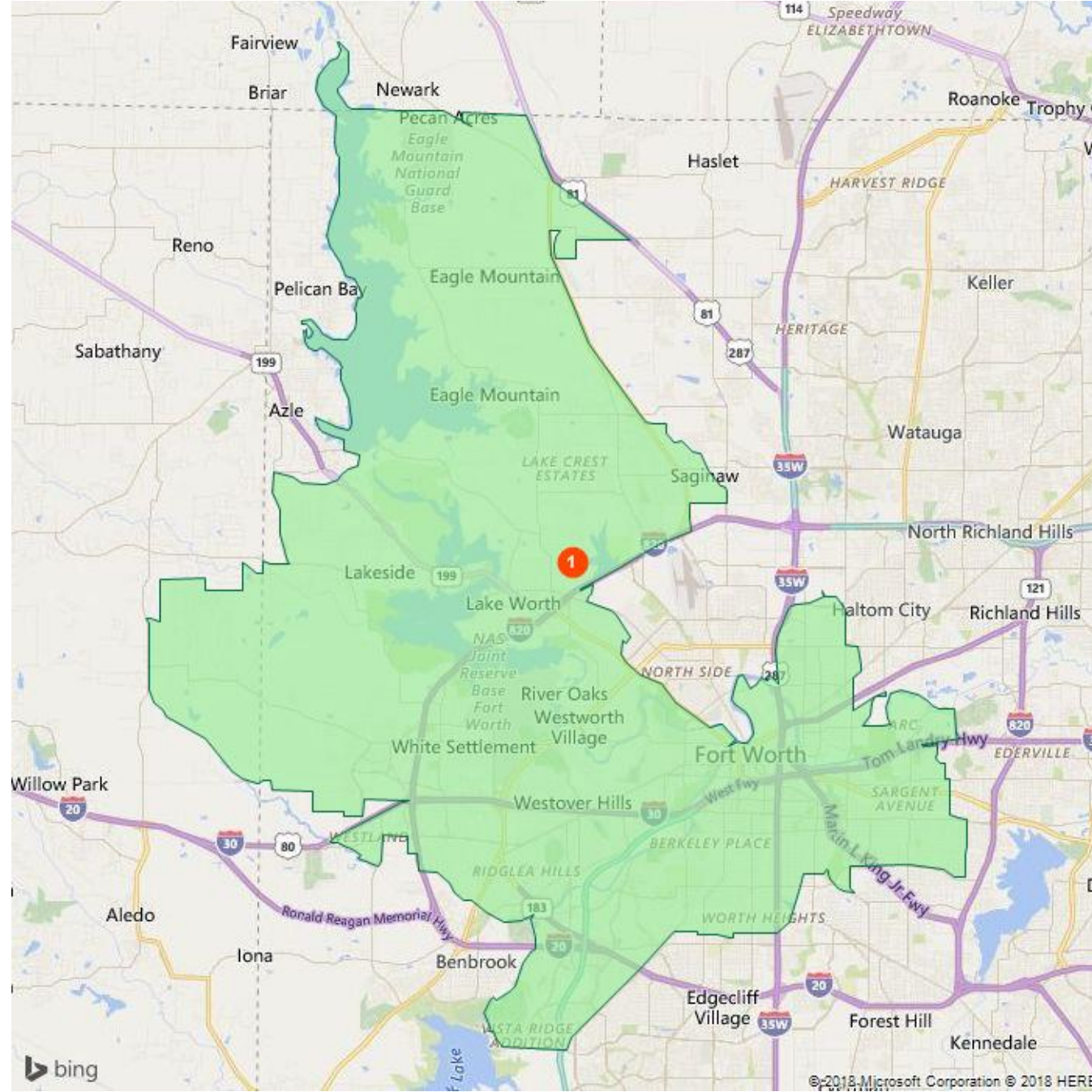
05

GEOGRAPHIC SUBMARKETS

FORT WORTH GEOGRAPHIC SUBMARKETS

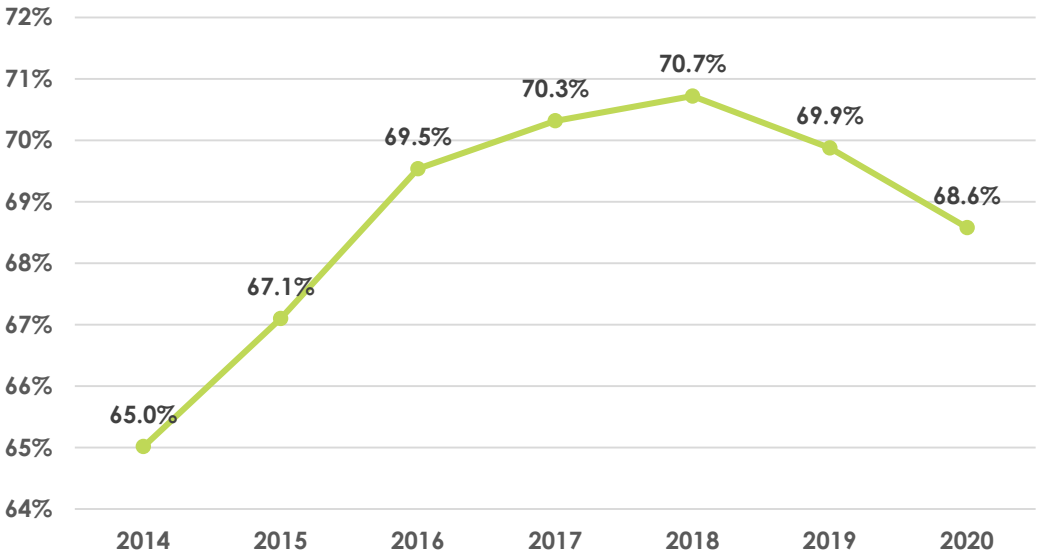


CBD / I - 820



CBD / I - 820

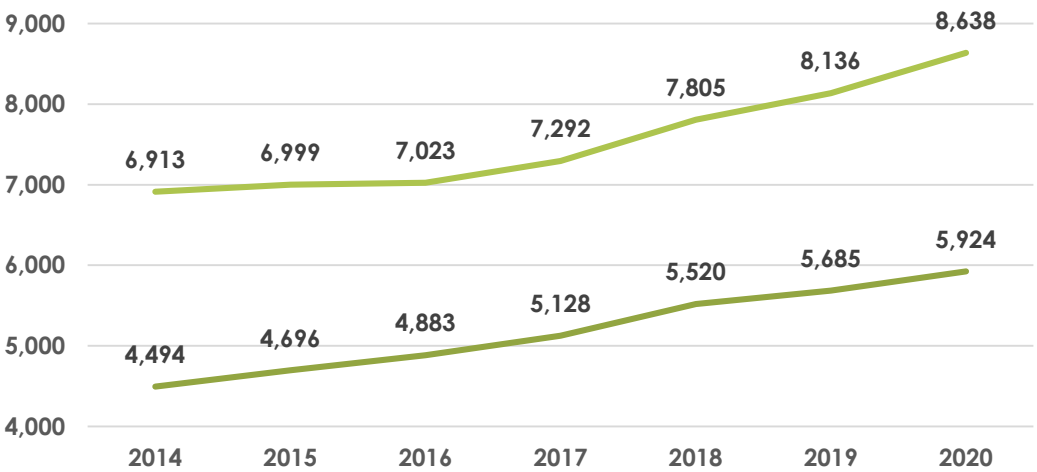
Occupancy



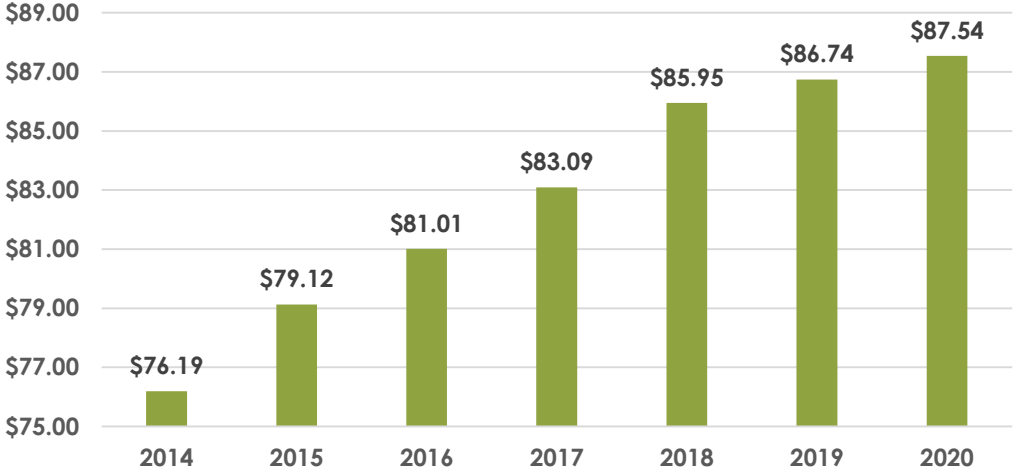
ADR



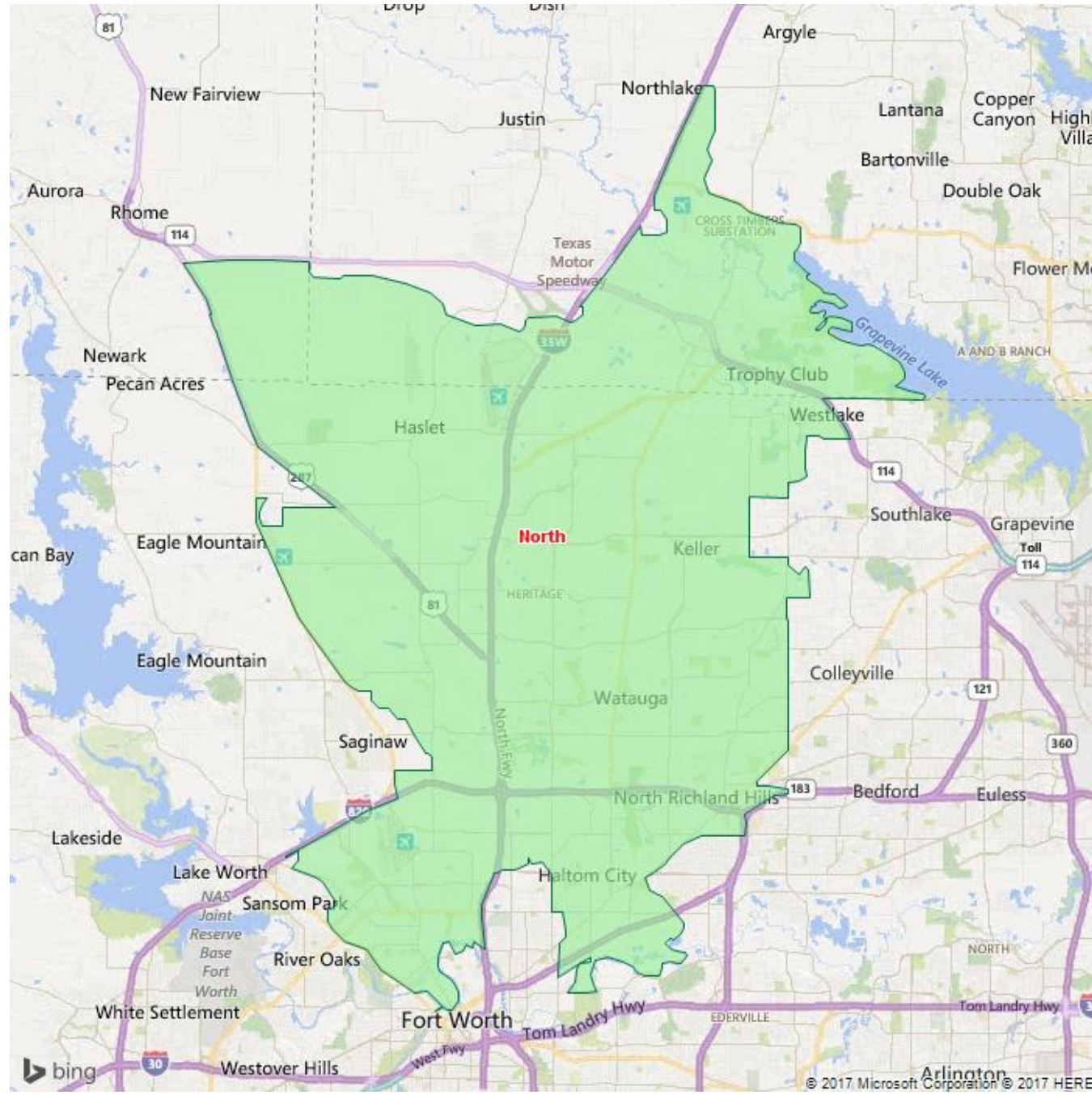
Supply and Demand



RevPAR

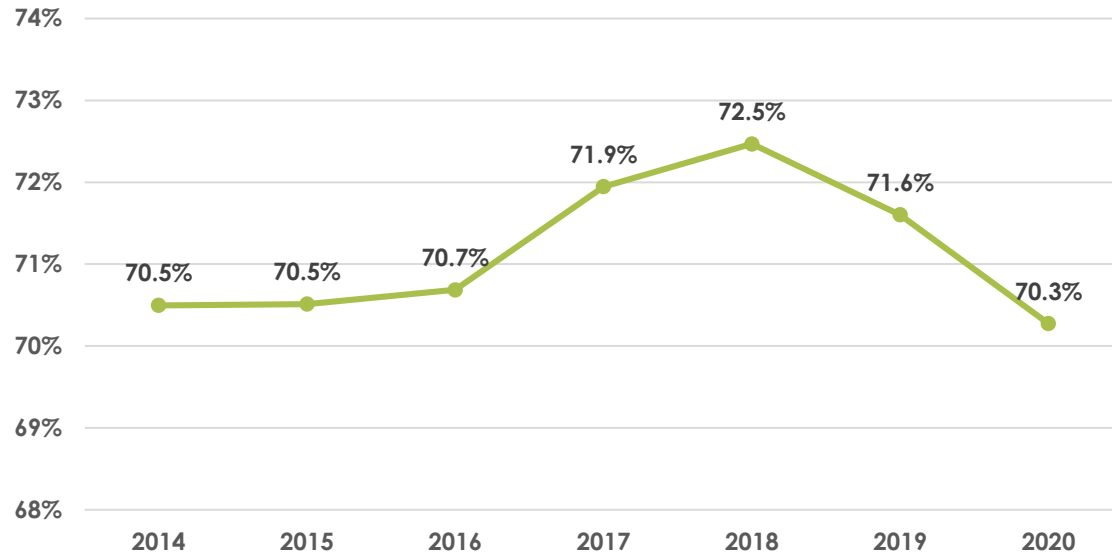


NORTH

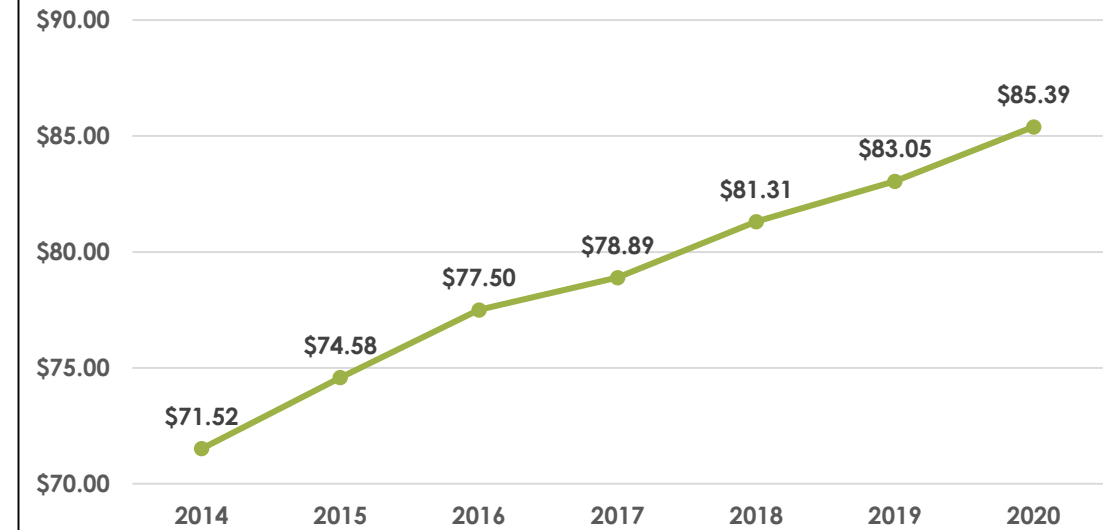


NORTH

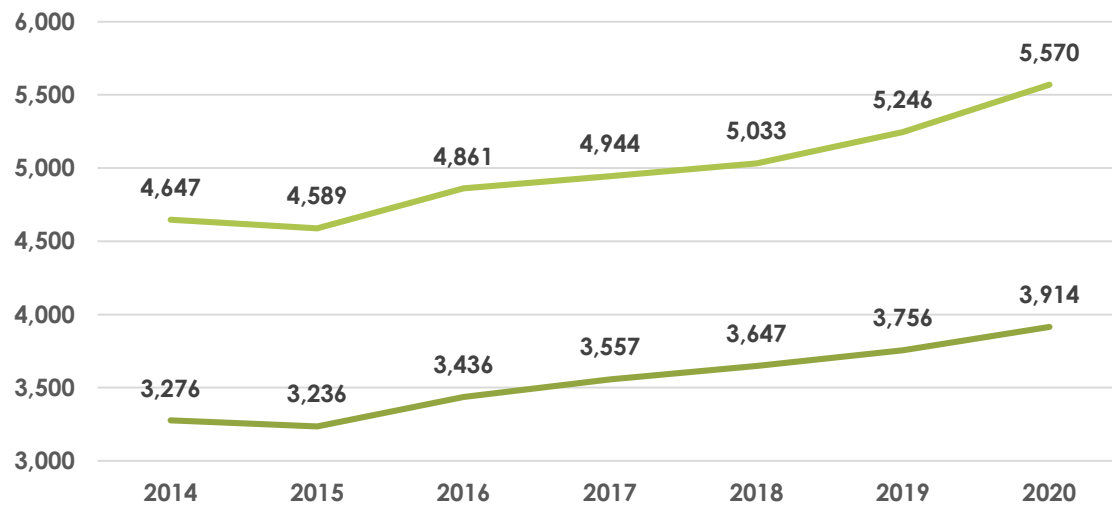
Occupancy



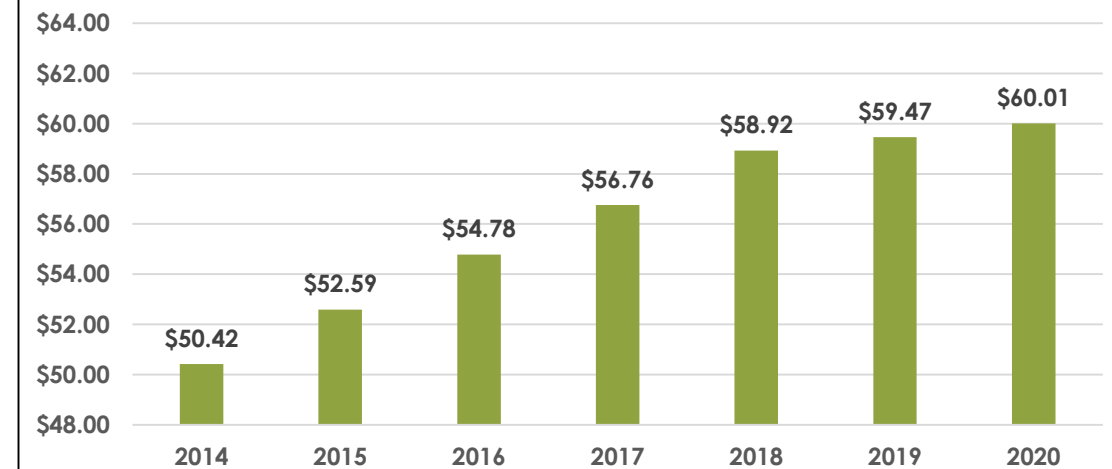
ADR



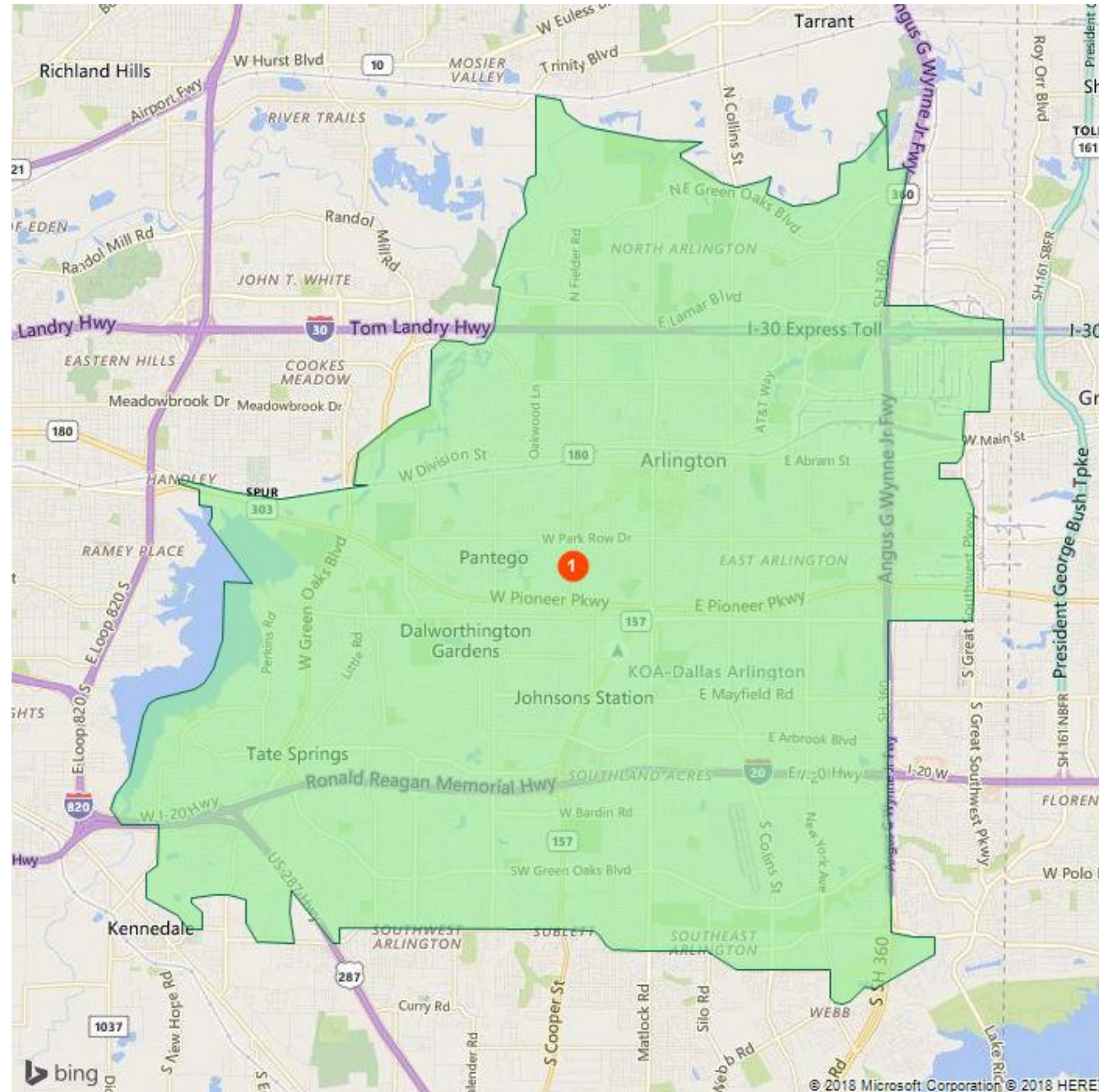
Supply and Demand



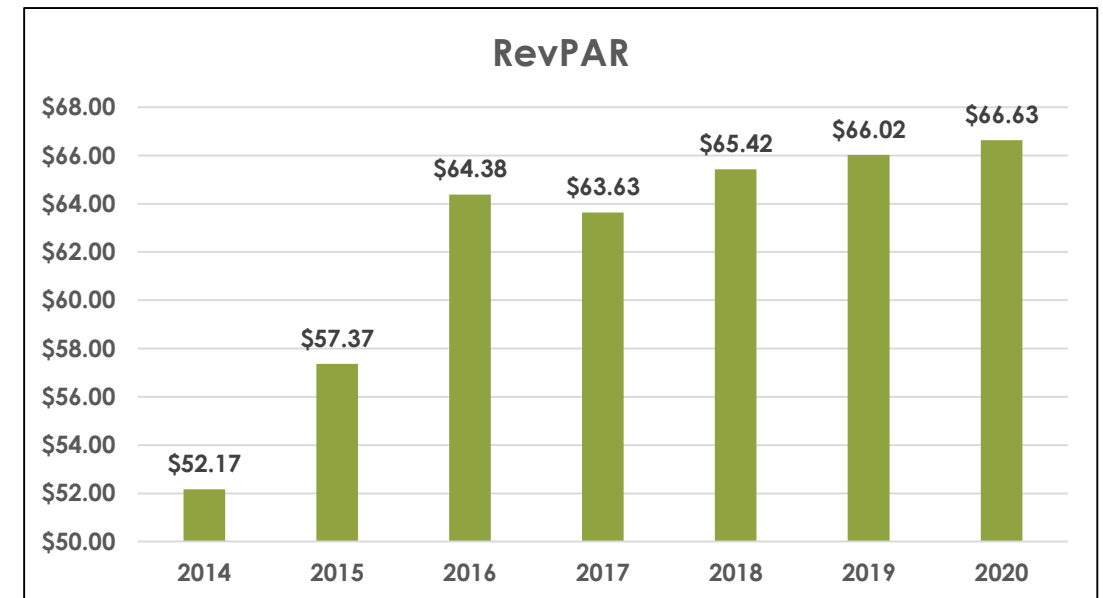
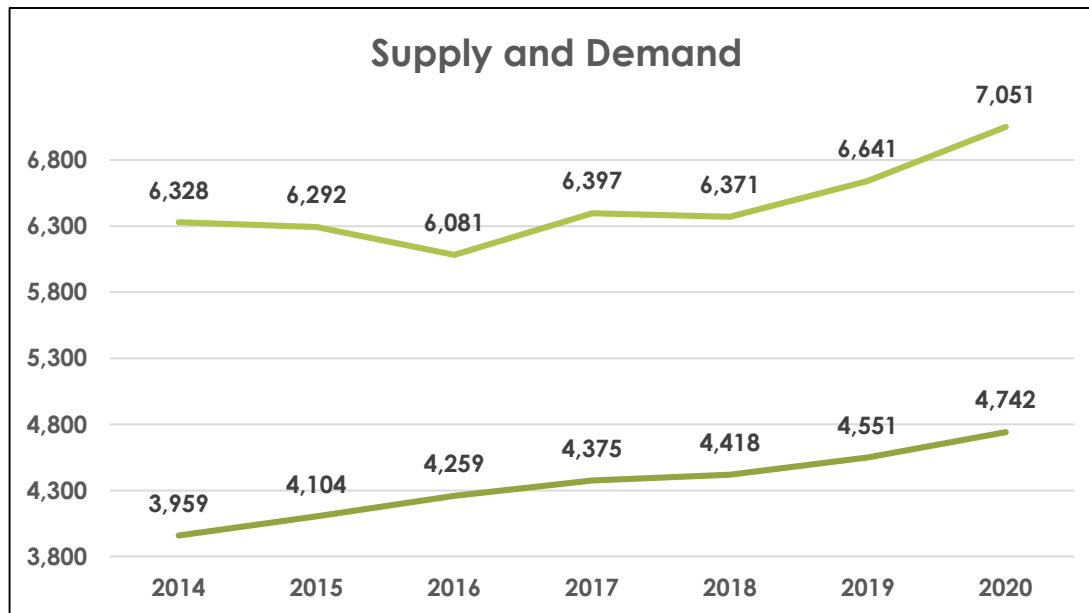
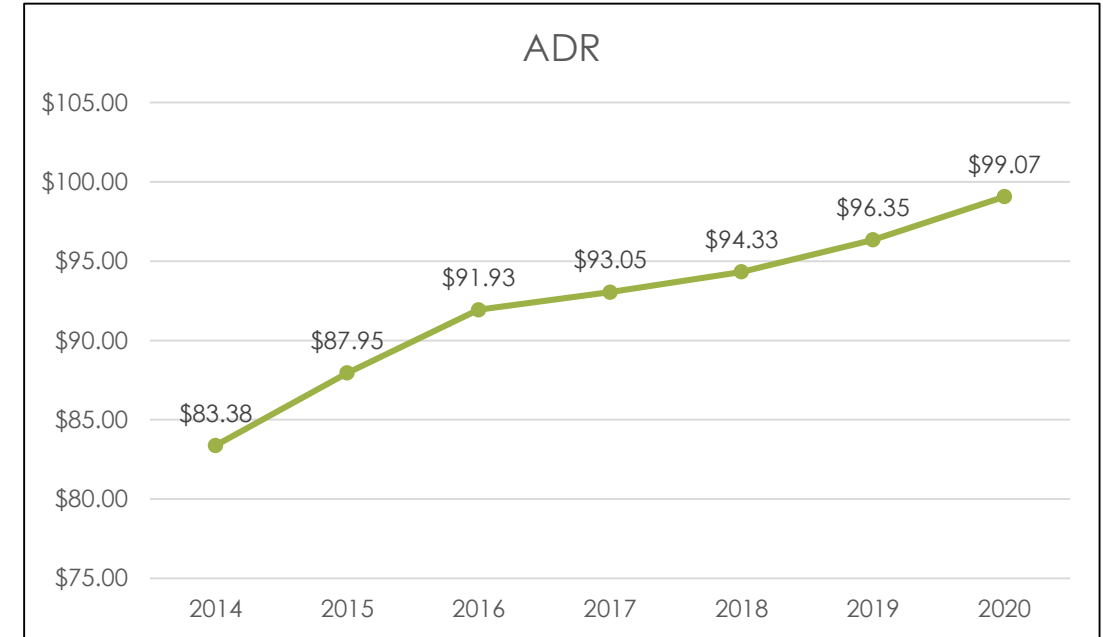
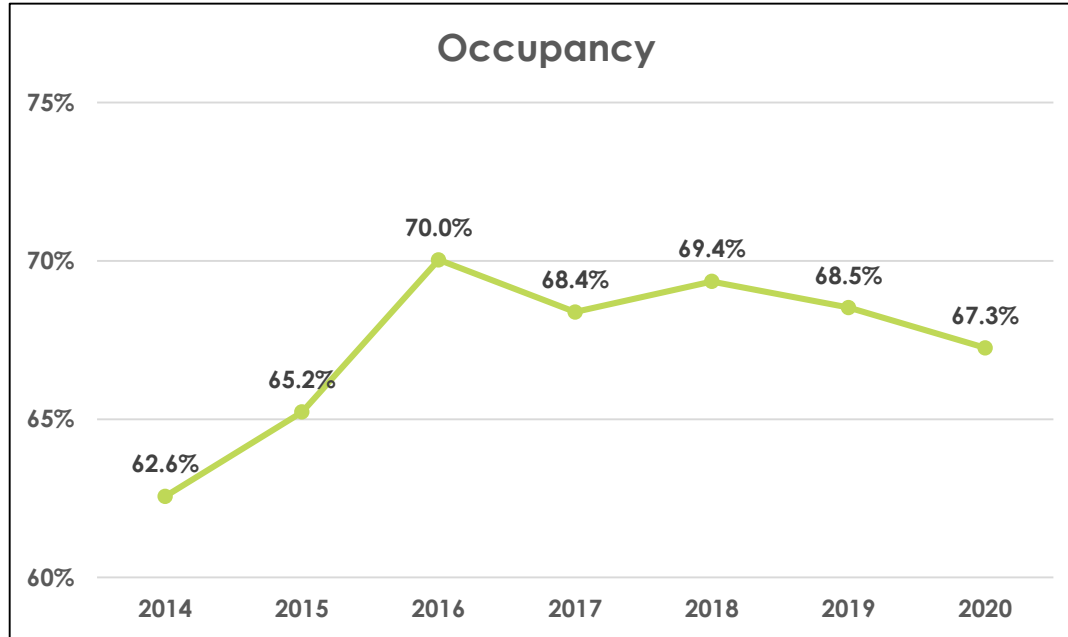
RevPAR



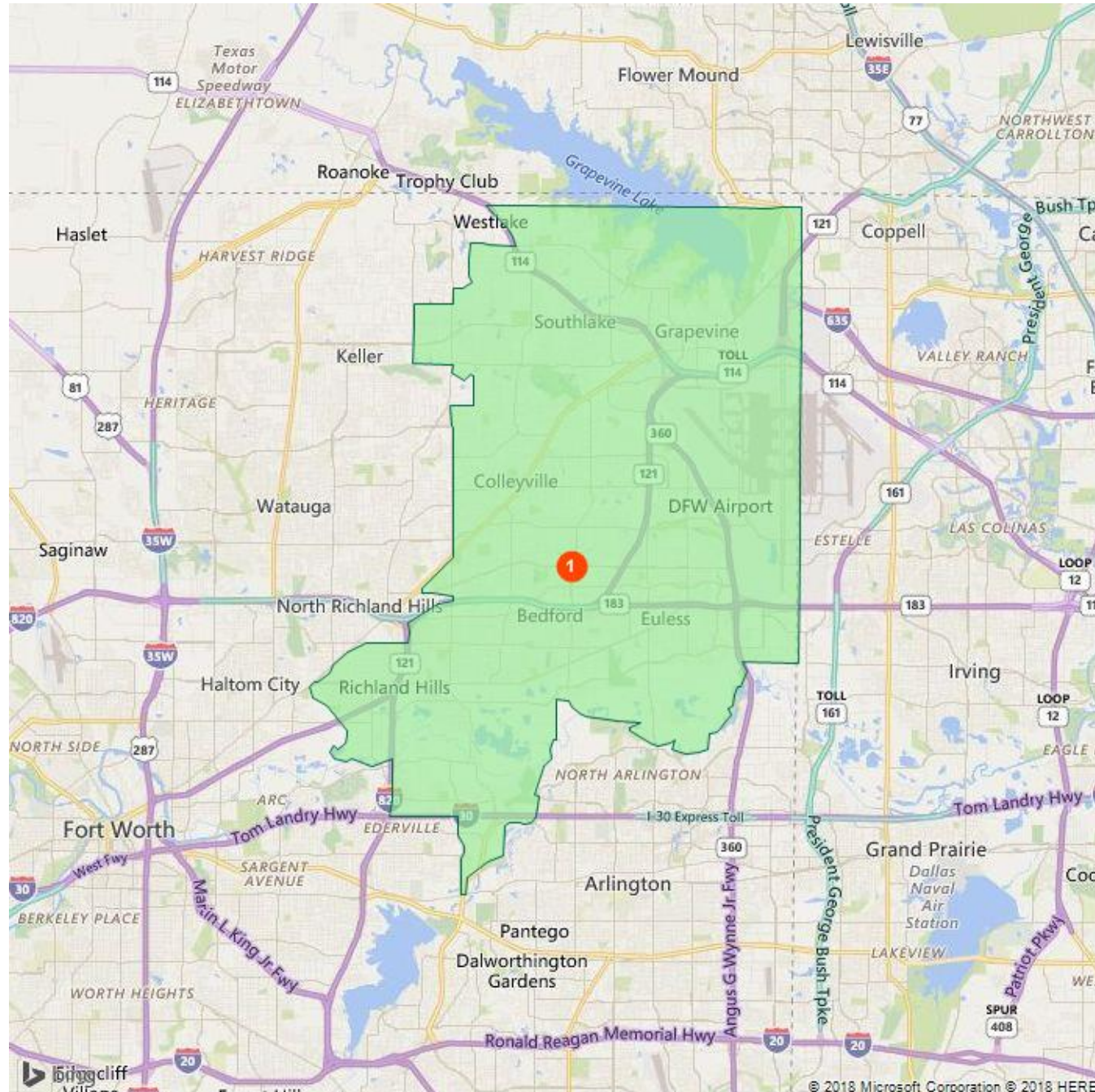
ARLINGTON



ARLINGTON

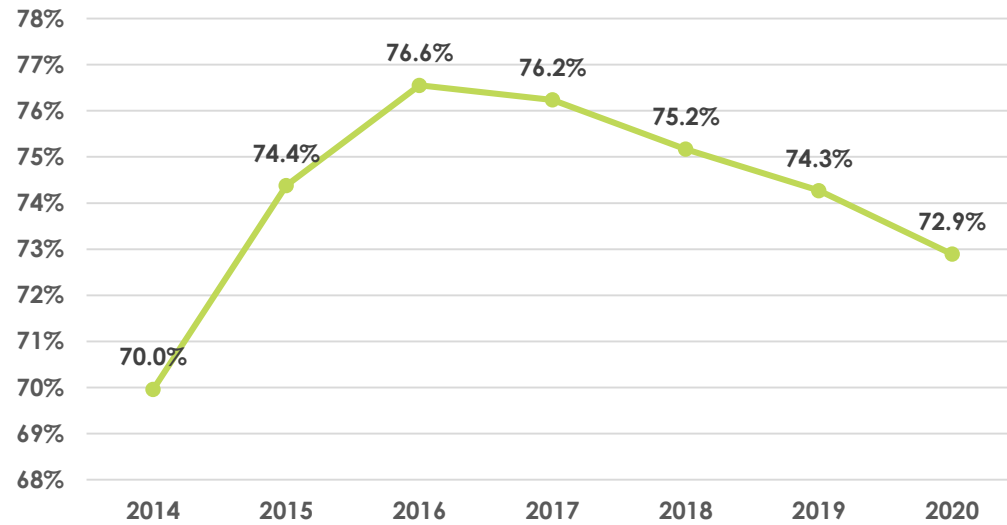


BEDFORD / GRAPEVINE

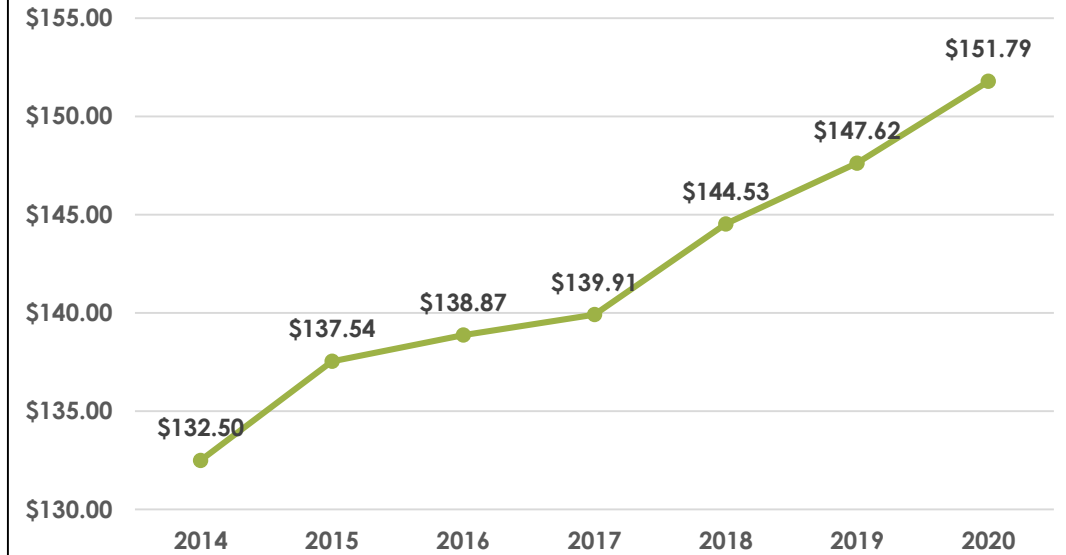


BEDFORD / GRAPEVINE

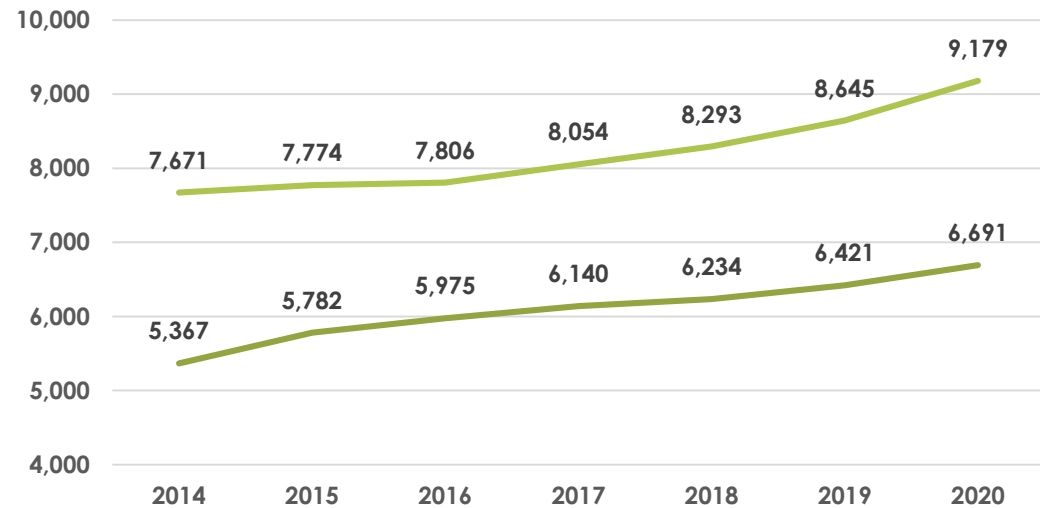
Occupancy



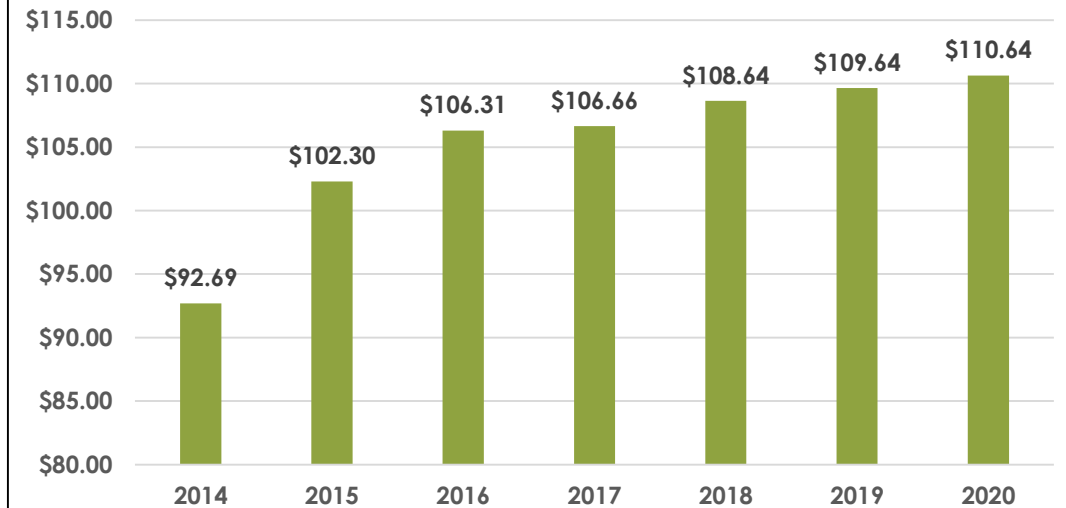
ADR



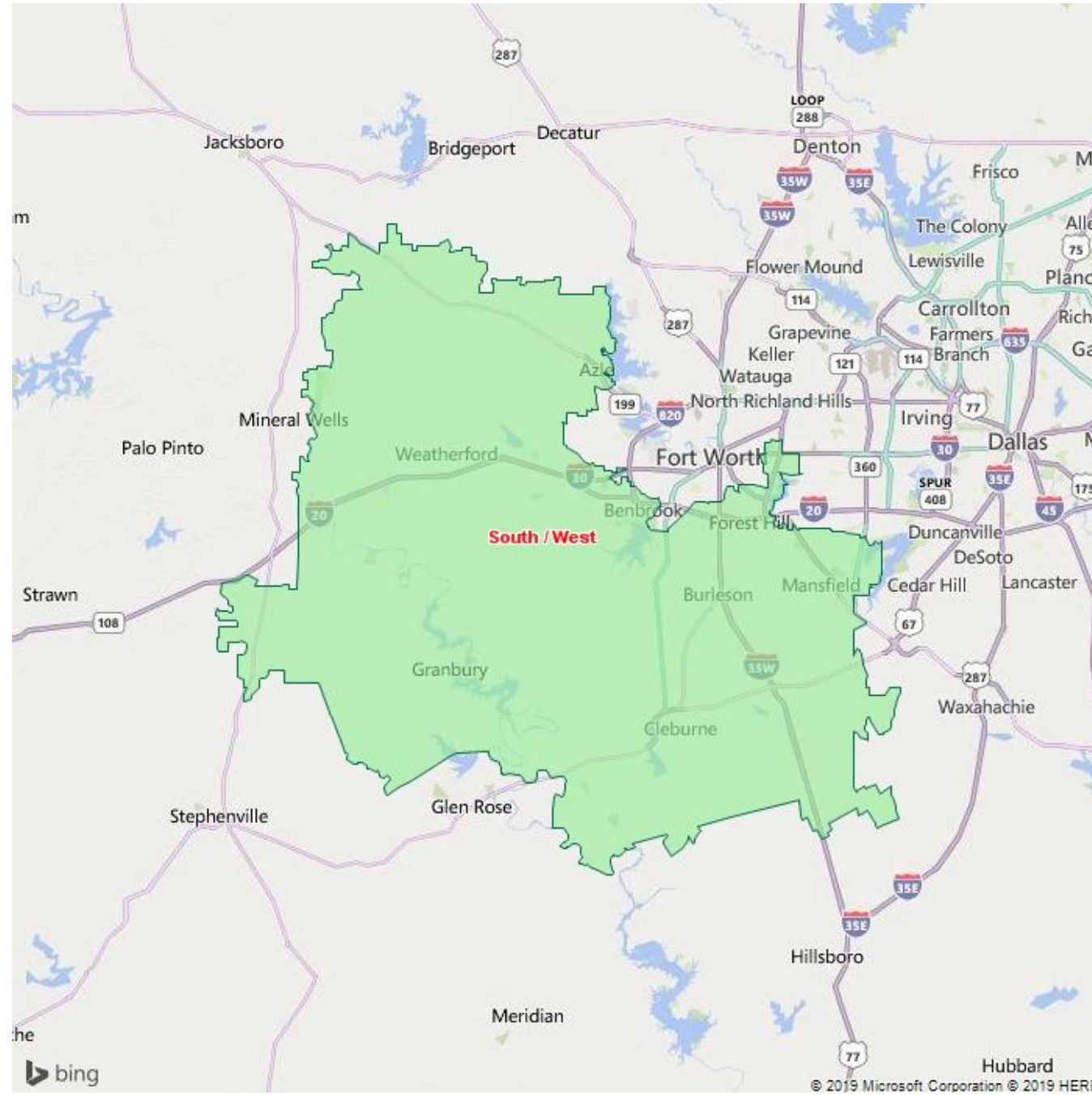
Supply and Demand



RevPAR

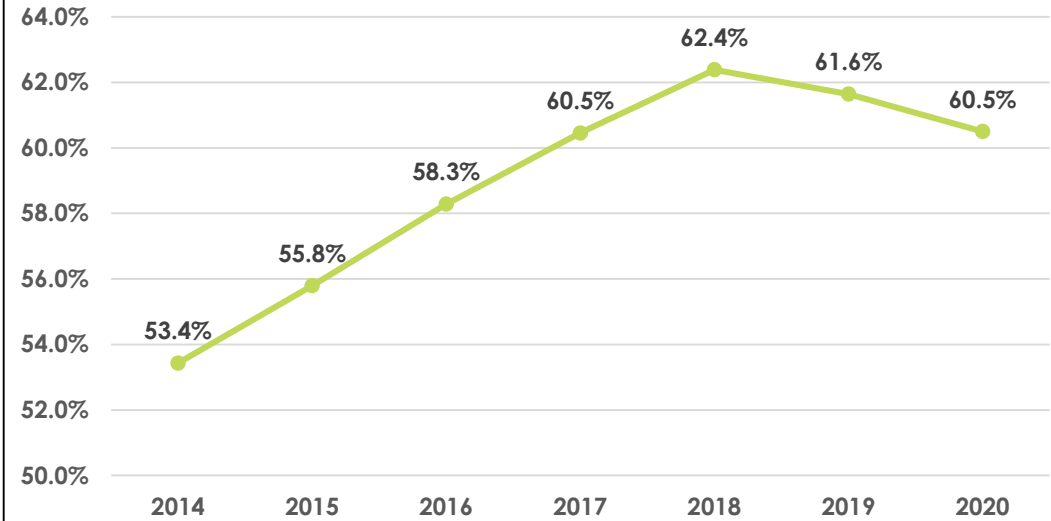


SOUTH / WEST

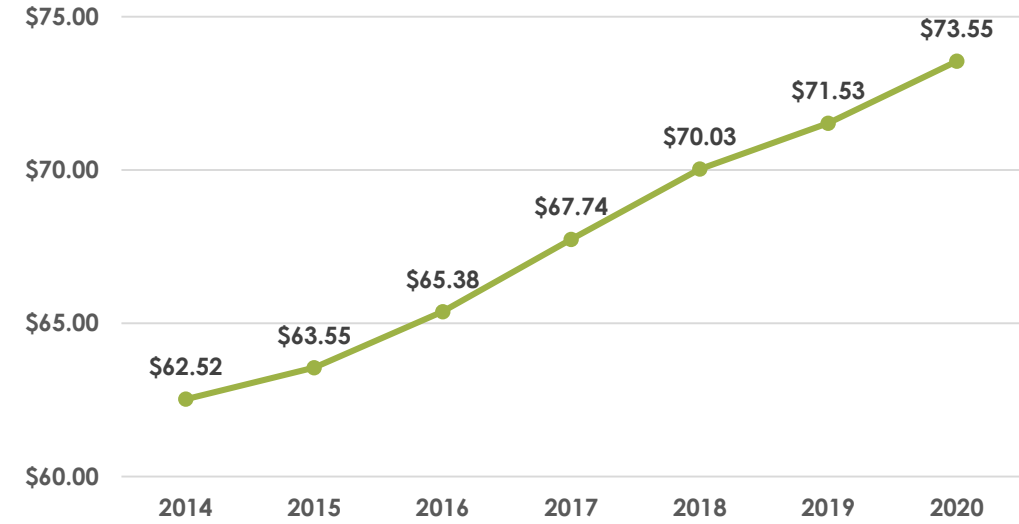


SOUTH / WEST

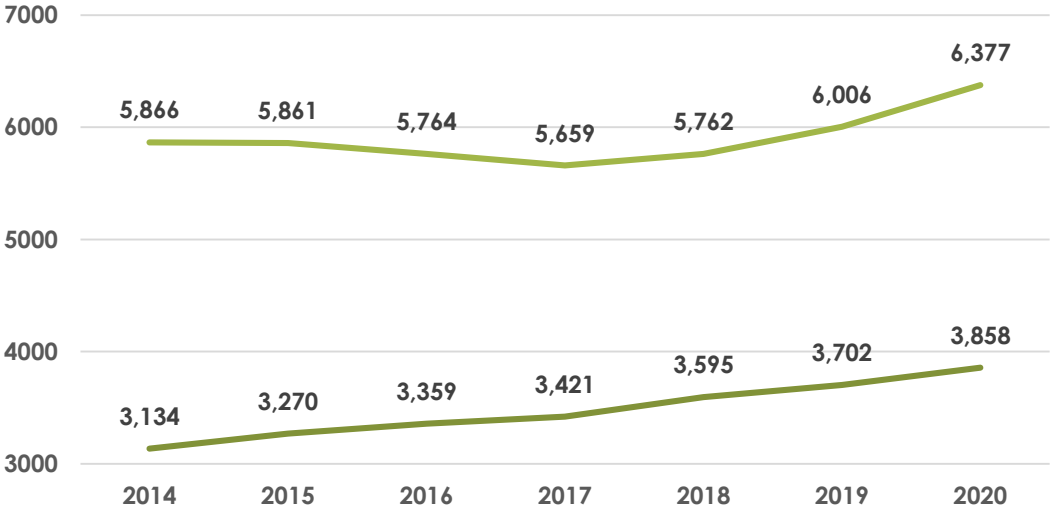
Occupancy



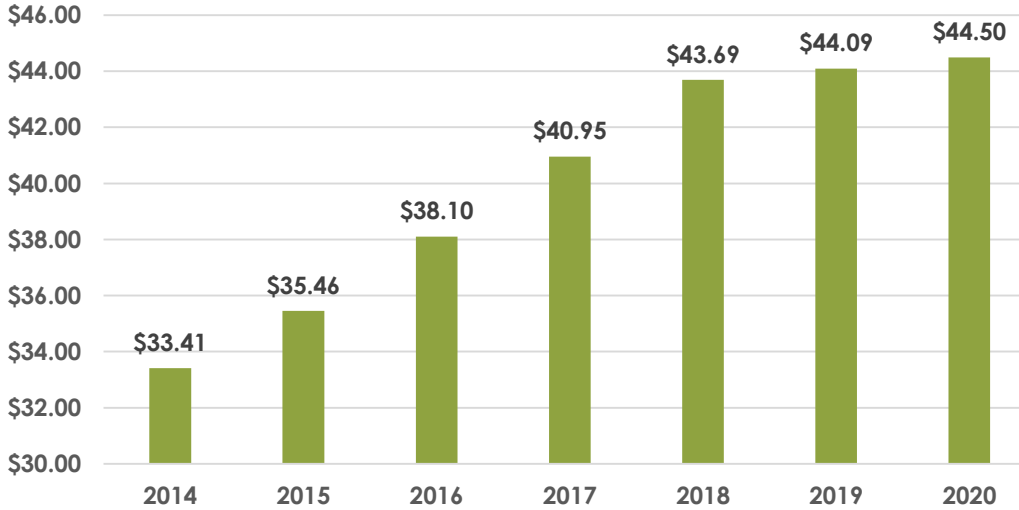
ADR



Supply and Demand



RevPAR



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HOTEL

HORIZONS®

CBRE HOTELS

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DALLAS

REGIONAL ECONOMIC SUMMARY

"Expansion in the Eleventh District economy slowed to a more modest pace over the reporting period. While the level of activity generally remained healthy, growth decelerated broadly across the manufacturing, services, retail, and energy sectors. Loan volumes declined slightly and new home sales fell modestly. Conversely, ample soil moisture has boosted crop conditions and improved prospects for the agricultural sector this year. Employment expanded, albeit at a slightly slower pace, despite continued widespread labor shortages. Wage growth remained elevated, while price growth abated to more normal levels. Outlooks were notably less optimistic than in the previous report due to declining oil prices, political and trade uncertainty, higher interest rates, and stock market volatility.

Growth in the nonfinancial services sector slowed notably over the reporting period. The slowing was led by staffing services, where demand decelerated from very high levels and revenue declined for some firms. Slight revenue reductions were also reported in the health care sector, with multiple contacts mentioning an erosion of pricing power. Reports from transportation services firms were mixed. Leisure and hospitality was a bright spot, with solid revenue growth through yearend, and growth among professional, scientific, and technical services firms remained fairly stable."

Federal Reserve Bank Beige Book, July 2019

Dallas: Next 4 Quarters

The arrows show the forecast direction of change over the next 4 quarters vs. the previous 4 quarters. Green indicates the change will be above the long run average, yellow indicates it will be the same, and orange indicates it will be below.

Occupancy

Occupancy will decrease to 66.8%, a decline over the past 4 quarters' rate of 67.7%, but above the long run average of 62.2%

Average Daily Rate

ADR growth expectations are increasing, 1.6% vs. the past 4 quarters' rate of 1.0%, but are below the long run average of 2.4%

Revenue Per Available Room

RevPAR growth projections are climbing to 0.4% as compared to the past 4 quarters' rate of negative 1.0%, but are lower than the long run average of positive 3.4%

Supply (orange indicates above long-term average)

Supply growth is climbing, 5.9% vs. the past 4 quarters' rate of 4.3%, and greater than the long run average of 2.5%

Demand

Forecast demand growth is climbing, 4.6% vs. the past 4 quarters' rate of 2.2%, and is greater than the long run average of 3.4%

HOTEL MARKET SUMMARY

By year-end 2019, Dallas hotels are forecast to see a RevPAR decrease of 0.1%. This is the result of an estimated decline in occupancy of 1.2% and a 1.1% gain in average daily room rates (ADR). The 0.1% decline in Dallas RevPAR is less than the national projection of a 0.9% increase.

Leading the way in 2019 RevPAR change is the upper-priced segment of Dallas. The properties in this category are forecast to attain a 1.1% gain in ADR, but suffer a 0.9% decrease in occupancy, resulting in a 0.2% RevPAR increase. Lower-priced hotels are projected to experience an ADR growth rate of 1.0%, along with a 1.5% loss in occupancy, resulting in a 0.5% RevPAR decline.

Looking towards 2020, Dallas RevPAR is expected to decline 0.5%. This is less than the decline in 2019. Market conditions are expected to be worse for the upper-priced segment (1.2% RevPAR decline) than the lower-priced segment (0.1% RevPAR decline). Dallas market occupancy levels are expected to range from 65.5% to 67.4% during the 5-year forecast period.

Dallas Forecast Summary

YEAR	OCC	Δ OCC	ADR	Δ ADR	REVPAR	Δ REVPAR
2014	67.8%	5.4%	\$93.48	3.5%	\$63.40	9.1%
2015	70.5%	3.9%	\$99.00	5.9%	\$69.78	10.1%
2016	71.3%	1.2%	\$103.42	4.5%	\$73.77	5.7%
2017	69.5%	-2.6%	\$105.84	2.3%	\$73.54	-0.3%
2018	68.2%	-1.9%	\$108.58	2.6%	\$74.01	0.6%
2019F	67.4%	-1.2%	\$109.77	1.1%	\$73.93	-0.1%
2020F	66.3%	-1.6%	\$110.93	1.1%	\$73.55	-0.5%
2021F	65.7%	-0.9%	\$112.02	1.0%	\$73.57	0.0%
2022F	65.5%	-0.2%	\$113.02	0.9%	\$74.08	0.7%
2023F	65.8%	0.4%	\$115.02	1.8%	\$75.73	2.2%

Source: CBRE Hotels Research, STR, Q2 2019

Long Run Averages 1988 to 2018

Occupancy: 62.2%, ADR Change: 2.4%, RevPAR Change: 3.4%

EXHIBIT 1 **: Performance Grade vs. Long Run Average

Number of Standard Deviations

● Occupancy ● ADR Change ● RevPAR Change

'14 '15 '16 '17 '18 '19F '20F '21F '22F '23F

Source: CBRE Hotels Research, STR, Q2 2019

**See Appendix for exhibit descriptions

CBRE HOTELS

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Local Market Insights

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Hotel performance across major metro areas and forecasts by CBRE Hotels.

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Press Center

CBRE Hotels appoints Head of Investment Properties for Continental Europe

Jun 17, 2019

N/A

Pelathon stakes \$8.5m claim on prominent Cairns hotel

May 08, 2019

Pelathon Management has acquired the Grand Hotel in Cairns and two adjoining sites

Tavern at the rocks in Perth's growing north up for sale

May 08, 2019

A popular tavern in Perth's northern beachside suburb of Two Rocks has been

Investors tipped to circle Ibis Glen Waverley

May 08, 2019

The Ibis Glen Waverley is to be offered for sale – providing the first major mid-scale

Cape Lodge sale in WA's tourism heartland

May 08, 2019

CBRE Hotels has been appointed to market for sale one of Australia's top boutique hotels,

Knowledge Center

Japan Hotels ViewPoint June 2019

Jun 22, 2019

Demand for hotel rooms in Japan is rising on the back of growing inbound tourism.

Poor Performers

Jun 18, 2019

Despite healthy market conditions, not all hotels are enjoying lofty levels of performance. According to STR, 35.7 percent of the hotels in

Attrition and Cancellation Revenue

May 21, 2019

While Attrition and Cancellation Fee income has been a minor source of revenue for hotels, it can have an impact on profitability.

AUSTRALIA HOTELS MARKETVIEW Q1 2019

May 14, 2019

The first quarter of 2019 saw hotels experience slower growth in most markets according to

Australia Hotels ViewPoint April 2018

May 14, 2019

For decades big hotel chains across the globe have provided secure and predictable accommodation, as hotels marketed themselves

<https://pip.cbrehotels.com/home>

CBRE

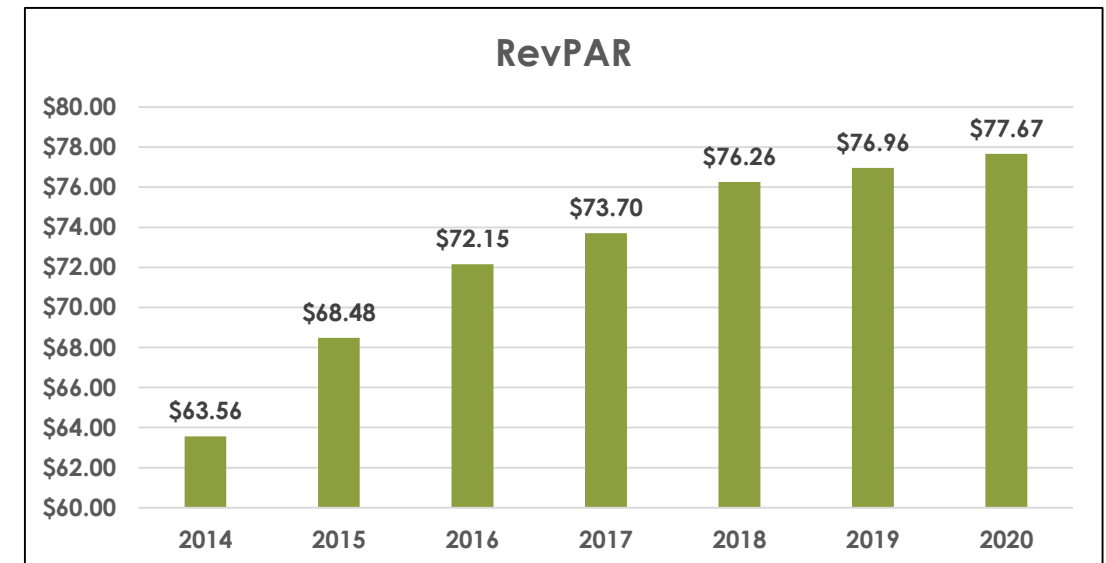
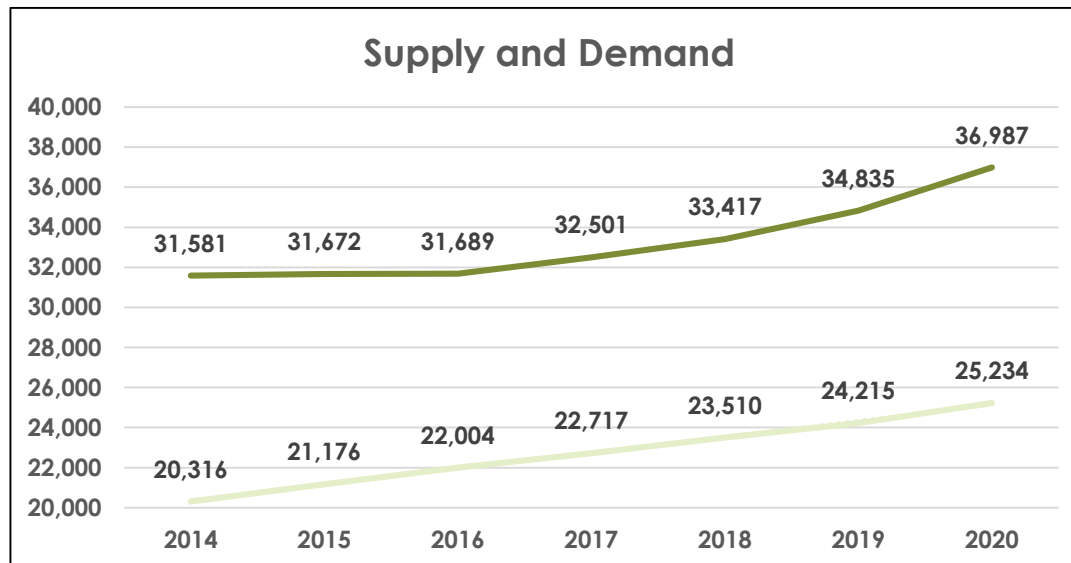
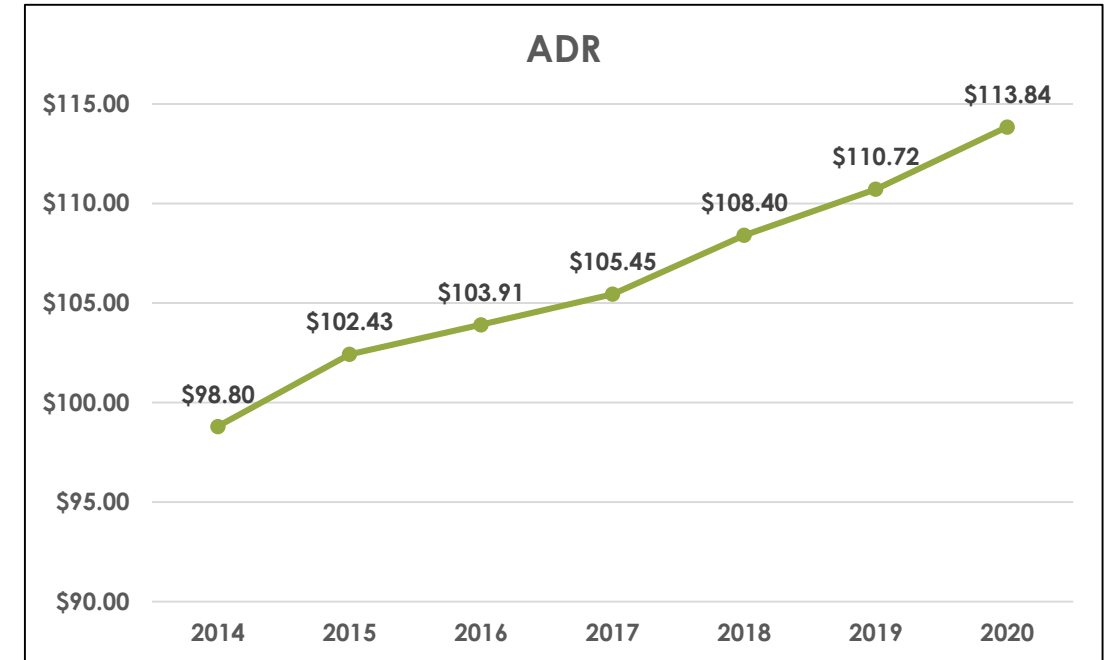
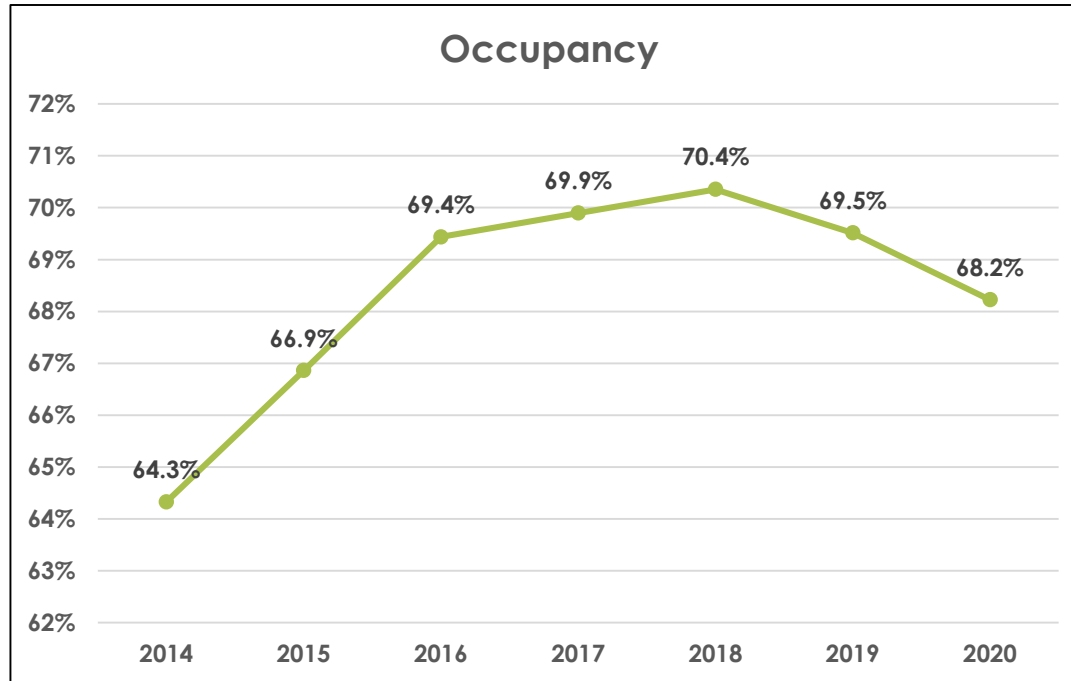
FORT WORTH HOTEL MARKET UPDATE | SLIDE 38



06

Fort Worth SUMMARY

FORT WORTH SUMMARY



Fort Worth Forecast Summary

YEAR	OCC	Δ OCC	ADR	Δ ADR	REVPAR	Δ REVPAR
2014	64.3%	2.7%	\$98.80	7.1%	\$63.56	10.0%
2015	66.9%	3.9%	\$102.43	3.7%	\$68.48	7.8%
2016	69.4%	3.9%	\$103.91	1.4%	\$72.15	5.4%
2017	69.9%	0.7%	\$105.45	1.5%	\$73.70	2.2%
2018	70.4%	0.7%	\$108.40	2.8%	\$76.26	3.5%
2019F	69.5%	-1.2%	\$110.72	2.1%	\$76.96	0.9%
2020F	68.2%	-1.9%	\$113.84	2.8%	\$77.67	0.9%

Source: CBRE Hotels Research, STR, Q2 2019

Long Run Averages 1988 to 2018

Occupancy: 62.1%, ADR Change: 3.2%, RevPAR Change: 4.1%




07

SHARING ECONOMY

ROOM IN BOUTIQUE HOTEL

Brooklyn Queen Bed

Brooklyn



Alec

2 guests Studio 1 bed 1 private bath

Q New York, NY · Homes

Dates Guests **Hotel room** Price Instant Book Trip type Mo

Over 1,000,000

241 homes

- ☐ Entire place
Have a place to yourself
- ☐ Private room
Have your own room and share some common spaces
- ☒ **Hotel room**
Have a private or shared room in a boutique hotel, hostel, and more
- ☐ Shared room
Stay in a shared space, like a common room

Clear Apply

Fashion experiences

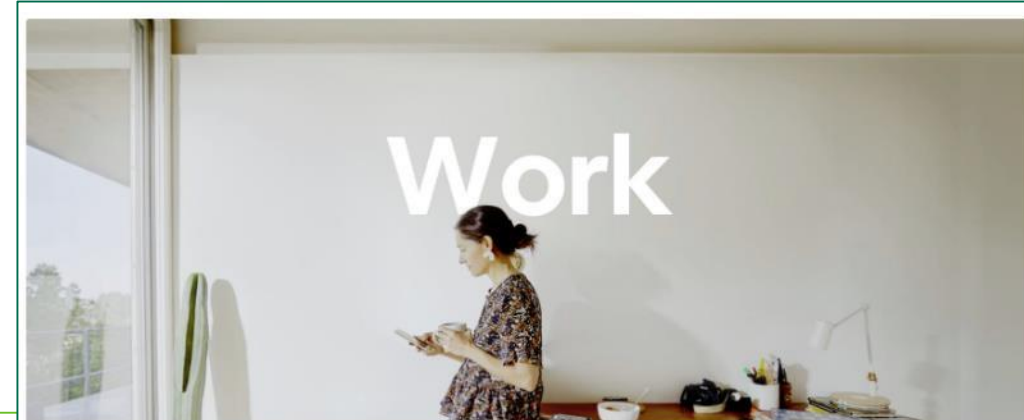


WORKSHOP

The art of hatmaking

\$50 per person

4.93★★★★★ 134



1,368 HOMES

Book a top-rated home that offers reservation flexibility and work-trip essentials.



SHOPPING

Shop NYC's Secret Bargain Thrift Shops!

\$37 per person

4.92★★★★★ 78



plus LOS ANGELES

490+ VERIFIED HOMES

Find beachside bungalows, mid-century modern cottages, and more verified homes in the City of Angels.



S O N D E R

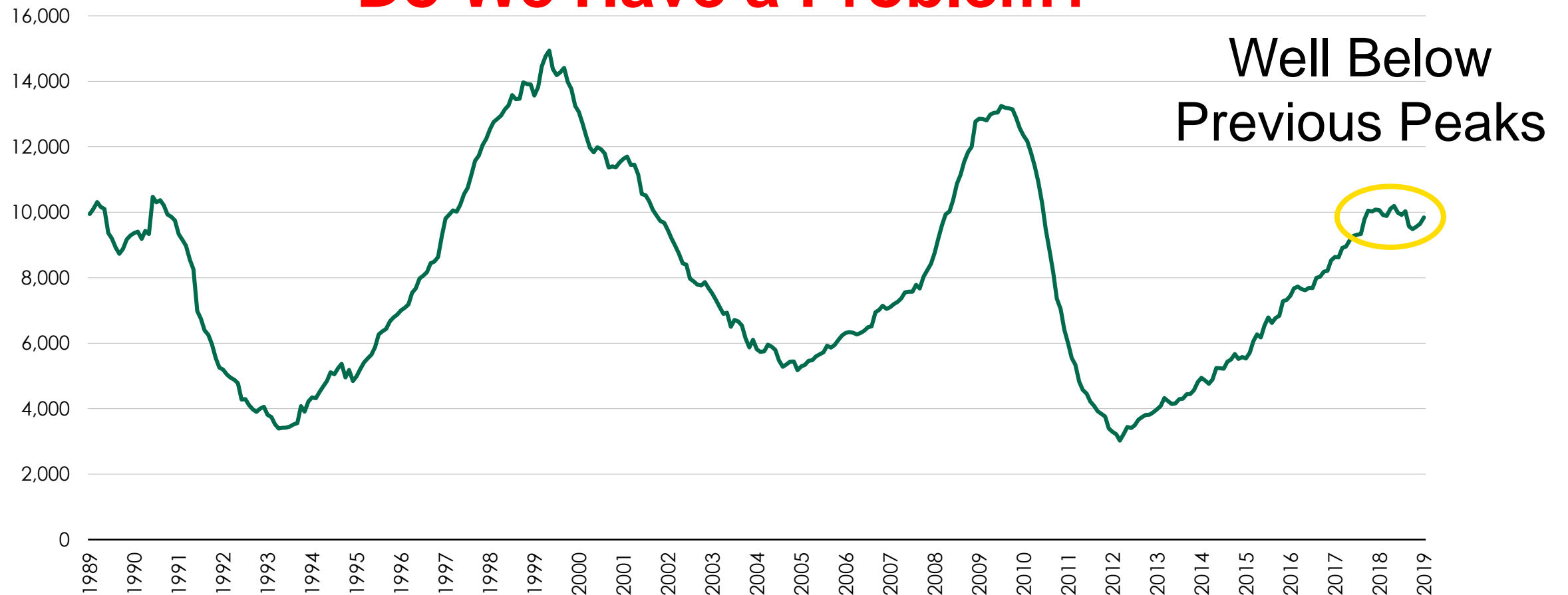


wanderjaunt



12 MMA of New Hotel Room Added in the U.S.

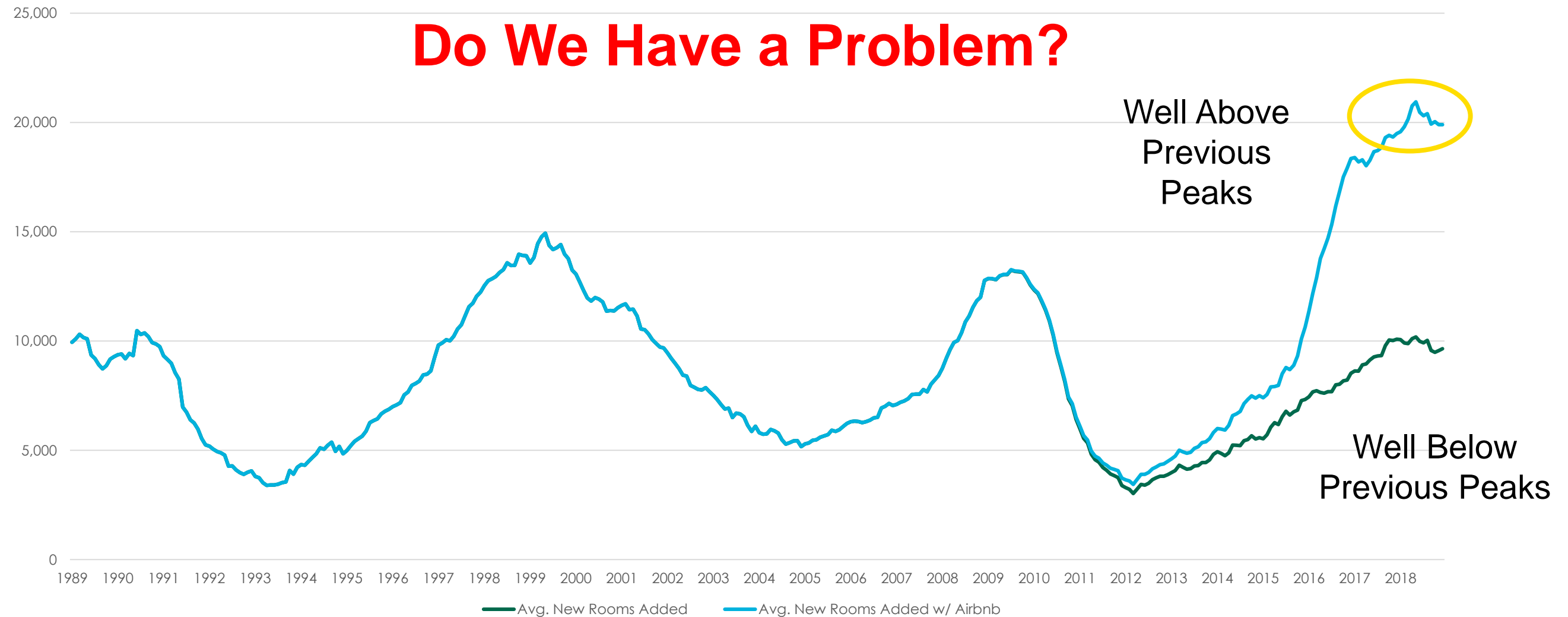
Do We Have a Problem?



Source: STR, CBRE Hotels' Americas Research, Q1 2019.

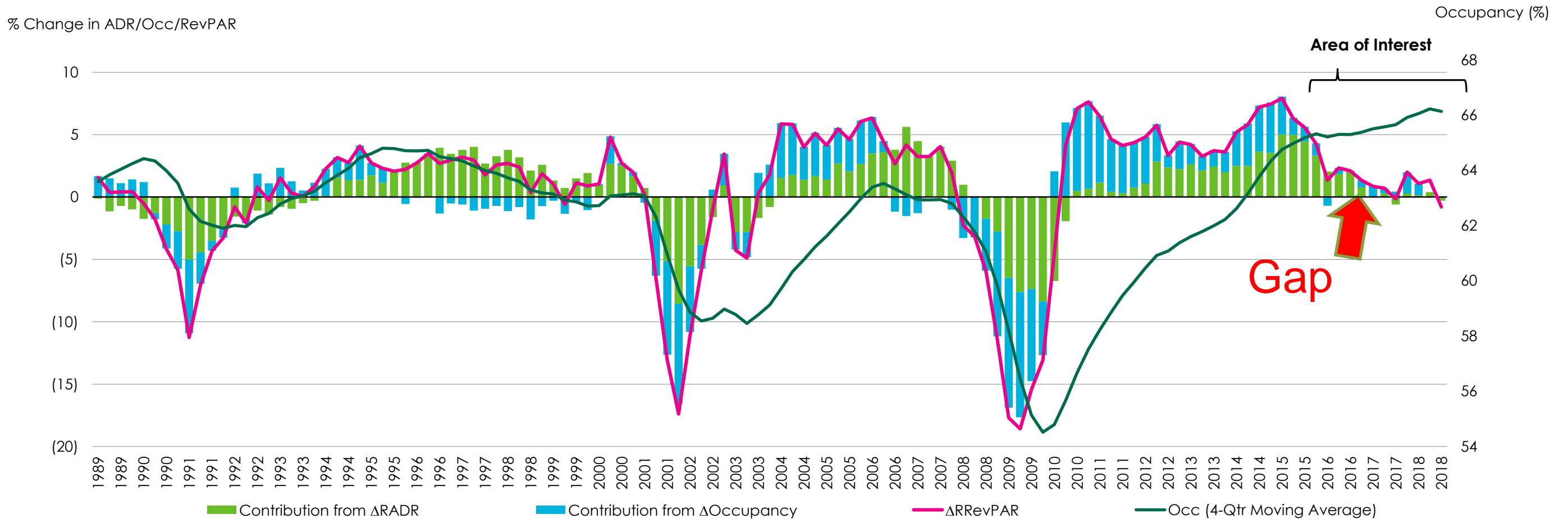
12 MMA of New Hotel Room & Airbnb Units Added in the U.S.

Do We Have a Problem?



Source: STR, CBRE Hotels' Americas Research, Airdna, Q1 2019.

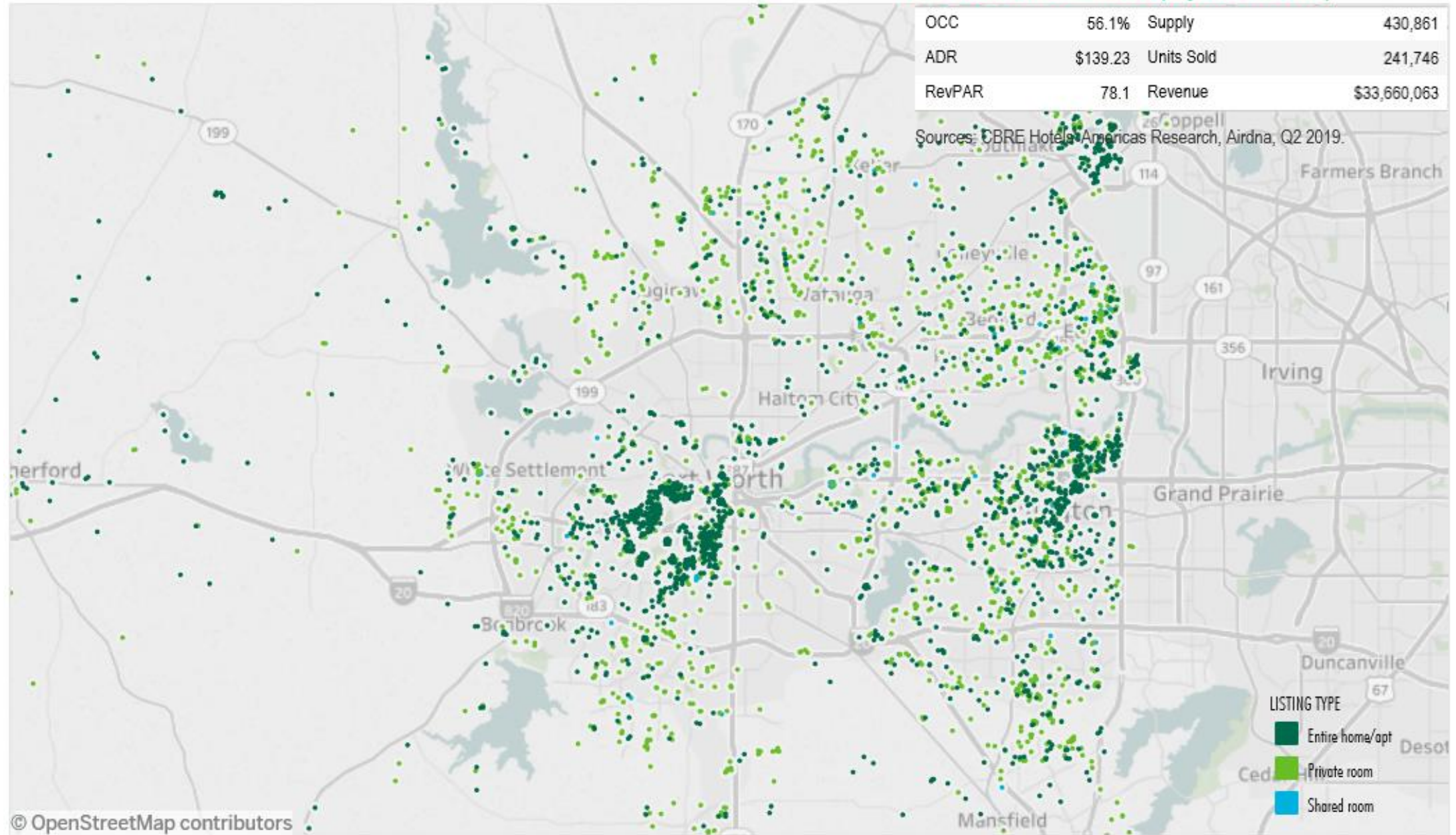
New Supply (Traditional/Non-Traditional) is hurting Rate Growth



Notes: Previous historical peak occupancy 66.2% (2018 Q2), Current occupancy 66.1% (2018 Q3)

Sources: CBRE Hotels' Americas Research, STR Q1 2019

Fort Worth - All



The background of the slide features a composite image. On the left, two people are silhouetted against a bright, warm light source, likely the sun, creating a lens flare effect. On the right, two more people are silhouetted against a cooler, blue-toned background that shows a cityscape through a glass window. The overall aesthetic is professional and modern.

08

CLOSING THOUGHTS

- The fundamentals remain attractive. Hotel construction will continue; the threat of overbuilding (depending on definition) is the exception, not the rule.
- The environment is increasingly volatile – social, political and economic. Elevated uncertainty (among other factors) has impaired pricing power and ADR growth.
- “Blip” or adjustment in 2021 or 2022 – can’t be pushed out much further.
- Fort Worth has been in market expansion phase, which is likely to change for the next four years.
- Increasing occupancy requires increasing occupied room nights or decreasing supply increases. STRATEGIC hotel development is critical.
- Fort Worth occupancies are expected to decline to the mid-60’s range, still above long run average of 62.1%.
- Average Daily Room Rates are expected to increase slightly above inflation until new supply slows, and struggle through 2023, well below long run average of 3.2%
- With declining occupancies and stagnant ADR increases, positive RevPAR increases will be difficult, expected to be well below the long run average of 4.1%



JEFF BINFORD

Managing Director | Advisory Leader
South Central Division
Dallas, Texas
+1 214 979 6166
Jeff.Binford@CBRE.com

2100 McKinney, Suite 700
Dallas, Texas 75201
www.cbrehotels.com

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