Cadence Market Blitz provides a snapshot into the Dallas/Fort Worth real estate market and recent notable Office, Industrial, Multifamily, and Hospitality transactions

MARKET OVERVIEW

The Dallas/Fort Worth Commercial Real Estate market continues its trend of healthy growth driven by significant population increase, robust job and wage growth, a pro-business environment, relatively low cost of living and its centralized national location.

KEY ECONOMIC INDICATORS

128.500 POPULATION GROWTH YOY Q2 2019 (1st in US MSA)

7.6MM TOTAL POPULATION (4th in US)

3.9% 1-YEAR GDP GROWTH (1st in US)

3.4% UNEMPLOYMENT RATE (NATIONAL: 3.6%)

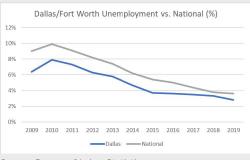
34.9 YEARS MEDIAN AGE (NATIONAL: 38.1 YEARS)

\$67.382 + 3.37% MEDIAN HOUSEHOLD INCOME (NATIONAL: \$60,336 + 2.51%)

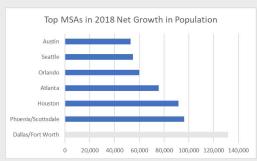
Source: Bureau of Labor Statistics & US Census Bureau

TOP PRIVATE EMPLOYERS (NON HEALTH/GOVERNMENT)

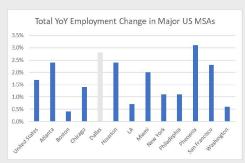
- 1. AMR Corp (American Airlines) 24,700 Employees
- 2. Bank of America Corp 20,000 Employees
- 3. AT&T 15,800 Employees
- 4. Lockheed Martin 14,126 Employees
- 5. JPMorgan Chase 13,500 Employees



Source: Bureau of Labor Statistics



Source: US Census Bureau



Source: Bureau of Labor Statistics

OFFICE

The Dallas/Fort Worth office market continued it's 5+ year trend of strong growth in Q2 2019 evidenced by increasing rental rates and positive total absorption. YTD through Q2 2019 saw 407 Office transactions accounting for \$918M at an average cap rate of 7.4% and an average price/sq. ft. of \$245.79.



INDUSTRIAL

Capital continues to pour into the Dallas/Fort Worth Industrial Sector at an unprecedented rate fueled by the area's relatively low cost of living and doing business, centralized location and strong transportation infrastructure. The first half of 2019 saw 503 transactions in the industrial space accounting for \$554M at an average cap rate of 7.8% and an average price/sq. ft. of \$81.61.



MULTIFAMILY

The Dallas/Fort Worth area remains a national leader in job creation again this year, spurring robust housing demand. Supply has largely kept up with demand keeping vacancies relatively flat and encouraging steady rent growth. Through June 2019, there were 166 multifamily transactions accounting for \$1.26B, an average cap rate of 6.0% and an average of \$146,943/unit.



HNTFI

The business velocity in the Dallas/Fort Worth Area has translated into solid hotel fundamentals. Occupancy, average daily rates, and revenue per available room are all at or near all-time highs.



DR. MUELLER'S MARKET CYCLE ANALYSIS



DALLAS / FORT WORTH

Glenn R. Mueller Ph. D., Professor at Burns School of Real Estate and Construction at The University of Denver. The comprehensive "Cycle Monitor" analyzes occupancy movements by property type in 54 MSAs to enhance investment-decision capabilities for investors and operators.

PHASE I - RECOVERY DECLINING VACANCY - NO NEW CONSTRUCTION

- 1-3 Negative rental growth
- 3-6 Below inflation rental growth

PHASE II - EXPANSION DECLINING VACANCY - NEW CONSTRUCTION

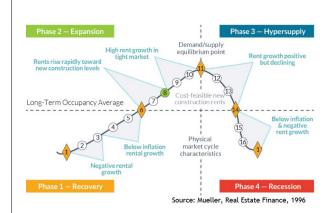
- 6-8 Rents rise rapidly toward new construction levels
- 8-11 High rent growth in tight market

PHASE III - HYPERSUPPLY INCREASING VACANCY - NEW CONSTRUCTION

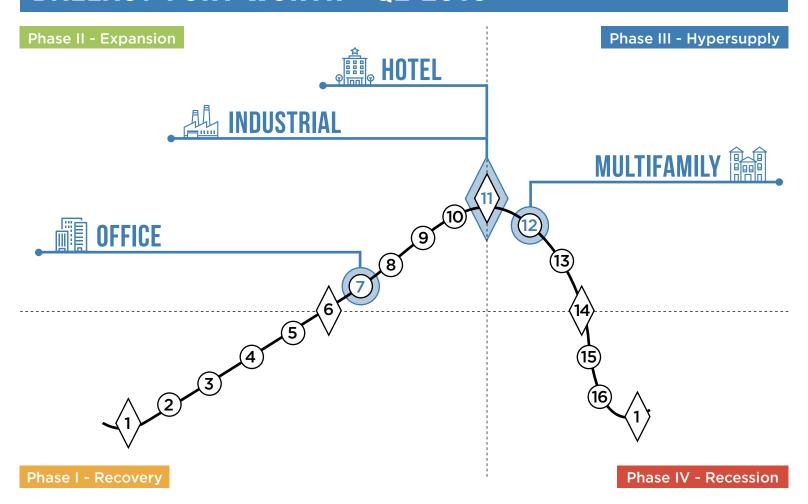
• 11-14 Rent growth positive but declining

PHASE IV - RECESSION INCREASING VACANCY - MORE COMPLETIONS

• 14-16, Then back to 1 below inflation, negative rent growth



DALLAS / FORT WORTH - Q2 2019





OFFICE MARKET OVERVIEW



DALLAS / FORT WORTH

The DFW office market continued its trajectory of positive occupancy growth and absorbed 125k+ sq. ft. in the second quarter of 2019.

\$26.93 Q2 2019 AVERAGE ASKING RENT (+1.8% FROM Q2 2018)

652K+ SF Q2 2019 OFFICE DELIVERIES

125K+ SF Q2 2019 OFFICE NET ABSORPTION

18.98% TOTAL VACANCY RATE (+0.5% FROM Q2 2018)

1.6MM SF Q2 2019 CONSTRUCTION PIPELINE

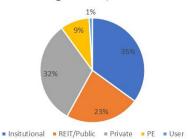
Source: Cushman & Wakefield Office Q2 2019 Marketbeat

D/FW OFFICE CAP RATES (Q3/Q4 2018)

	Class		Change from Q1/Q2 2019 (bps)
	Average	8.34%	-6
	AA	6.00%	-25
CBD	Α	7.00%	0
	В	9.38%	0
	С	11.00%	0
	Average	8.84%	0
	AA	7.00%	0
Suburban	Α	7.38%	0
	В	9.25%	0
	С	11.75%	0

Source: CBRE Cap Rate Snapshot Report 2H 2018

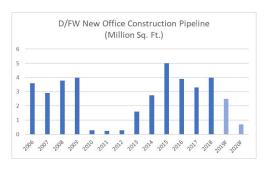
Who is investing in Dallas/Fort Worth Office?



Source: Avison Young Q1 DFW Office

Period	Sales Volume	Average \$PSF
2018 Q1	\$322,425,988	\$213.77
2018 Q2	\$1,602,418,833	\$215.58
2018 Q3	\$811,291,122	\$216.35
2018 Q4	\$583,670,124	\$217.67
2019 Q1	\$282,852,471	\$197.14

Source: Avison Young Q1 DFW Office



Source: JLL Q2 2019 Dallas Office Report

Class	Buildings	Inventory (SF)	Sublet Vacant	Direct Vacant	Vacancy Rate	Q2 Net Absorption	Under Construction	Completions	Direct Rent
Α	523	138,804,850	2,205,459	25,229,881	19.77%	1,779,889	1,494,001	652,643	\$31.36
В	1,221	88,540,250	465,040	15,700,185	18.26%	(1,580,350)	103,000	-	\$21.41
С	193	8,652,249	-	1,194,789	13.81%	(73,795)	-	-	\$16.23
Totals	1,937	235,997,349	2,670,499	42,124,855	18.98%	125,744	1,597,001	652,643	\$30.82

Source: Cushman & Wakefield Q2 2019 Dallas Fort Worth Office Report

SELECT OFFICE TRANSACTIONS





1900 PEARL LINCOLN PROPERTY TOWER INFOMART OFFICE/DATA CENTER

Dallas, TX | 261K SF | 25 Stories April 2019

Buyer: State Teachers Retirement System of Ohio

Seller: Goldman Sachs (New York, NY) Sale Price: \$180MM (\$700 PSF*)

*Record in the market

Link: Dallas Business Journal | This downtown Dallas tower just sold for \$700 per square foot | 4.9.2019

Dallas, TX | 1.6MM SF April 2018

Buyer: Equinix (Bay Area, CA) Seller: ASB Real Estate Investment (Bethesda, MD)

Sale Price: \$800MM (\$500 PSF)

Link: Cision | ASB Agrees to Sell Infomart Dallas to Equinix for \$800 Million | 2.14.2018

Link: Star Telegram | American Airlines to open new Fort Worth headquarters in May | 10.29.2018

Fort Worth, TX | 1.7MM SF

TX/Centennial, CO)

Phase 1 Est. Completion: Q4 2019

Developer: Crescent (Fort Worth,

includes 600-room hotel, 131K SF

workers on roughly 300 acres.

Notes: The 5-phase, \$250MM project

conference center, and house 12,000

SELECT OFFICE DEVELOPMENTS





AMERICAN AIRLINES CORPORATE CAMPUS HIDDEN RIDGE

Irving, TX | 1.125MM SF Expansion

Est. Completion: Q3 2019

Developer: KDC (Dallas, TX)

Notes: \$1B mixed use being constructed by Verizon and Pioneer Natural Resources.

Link: Dallas Innovates | Hidden Ridge: Verizon's \$1B, 5G-Enabled Development Rises From its Ranching Roots | 12.12.2018



INDUSTRIAL MARKET OVERVIEW



DALLAS / FORT WORTH

Capital continues to pour into the Dallas/Fort Worth Industrial Sector at an unprecedented rate fueled by the area's relatively low cost of living and doing business, centralized location and strong transportation infrastructure.

\$5.18 PSF Q2 2019 AVERAGE ASKING RENT (-5.8% FROM Q2 2018)

9.7MM SF YTD 2019 INDUSTRIAL DELIVERIES

11.05MM SF YTD INDUSTRIAL NET ABSORPTION

6.9% Q2 2019 OVERALL INDUSTRIAL VACANCY RATE (+0.5 FROM Q2 2018)

30.2MM SF INDUSTRIAL CONSTRUCTION PIPELINE

Source: Cushman & Wakefield Industrial Q2 2019 Marketbeat

D/FW INDUSTRIAL CAP RATES (Q3/Q4 2018)

	Class	%	Change from Q1/Q2 2019 (bps)
	Average	6.08%	-4
ALL	Α	4.75%	-13
	В	5.88%	0
	С	7.63%	0

Source: CBRE Cap Rate Snapshot Dallas 2018





Source: JLL Industrial Report 2019 Q1

Atlanta



Source: Cushman & Wakefield Industrial Report 2019 Q2

	11	NVENTORY		VA	CANCY		NET A	BSORPTIO	N (SF)	CONS	TRUCTION	(SF)
Submarket	Buildings	Total SF		Direct SF	Direct %	Total %	Q2 Direct	Q2 Total	YTD Total	U/C	Q2 Deliveries	YTD Deliveries
DFW Airport	696	78,376,654	9.9	5,806,067	7.4	7.6	1,236,710	1,358,558	1,451,810	2,329,150	1,543,000	2,059,000
East Dallas	689	37,339,846	4.7	1,686,936	4.5	4.7	(164,672)	(194,977)	815,051	1,217,473	-	877,230
Northeast Dallas	1,740	99,974,274	12.6	5,543,053	5.5	6.5	1,006,935	839,962	778,759	327,354	1,651,166	1,797,296
Northwest Dallas	1,522	110,216,838	13.9	3,906,067	3.5	3.7	760,078	960,116	1,148,796	2,033,944	842,770	842,770
South Dallas	598	77,711,607	9.8	11,555,277	14.9	14.9	588,685	588,685	792,079	3,204,090	404,175	404,175
South Stemmons	2,732	115,690,049	14.6	4,364,733	3.8	3.9	611,536	816,315	276,893	5,315,151	-	-
Great SW Arlington	1,328	111,846,406	14.1	4,178,876	3.7	3.8	277,048	367,992	1,400,296	3,193,726	128,173	593,290
North Fort Worth	671	88,932,481	11.2	5,872,190	6.6	6.9	194,004	237,824	1,727,611	5,593,251	-	289,485
South Fort Worth	1,570	71,418,041	9.0	2,738,720	3.8	3.9	125,826	177,130	264,371	300,000	-	457,745
Totals/Averages	11,546	791,516,196	100	45,651,919	5.8	6.0	4,636,150	5,151,605	8,656,666	23,514,139	4,569,284	9,930,991
Carres CRRE Dallas I												

■ Square Feet Under Construction (Million sq. ft.) ■ Amount Preleased (Million sq. ft.)

Top MSA's by Industrial Consutruction Pipeline

(Q1 2019)

Source: CBRE Dallas Industrial Report Q2 2019

SELECT INDUSTRIAL TRANSACTIONS





35/820 @ MERCANTILE CENTER

Fort Worth, TX | 657K SF April 2018

Buyer: PIRET (Toronto, Canada) Seller: Hunt Southwest (Dallas, TX) Sale Price: \$61.4MM (\$93 PSF)

Link: Commercial Property Executive HFF Arranges Sale of Fort Worth Industrial Property | 9.19.2018

CENTERPORT IV

Fort Worth, TX | 495K SF January 2019

Buyer: Global Logistics Property (Chicago, IL)

Seller: Hillwood Dev Corp (Dallas, TX) Sale Price: \$33.1MM (\$67 PSF)

Link: Bloomberg | Blackstone Bets \$18.7 Billion on Amazon Effect in Warehouse Deal | 6.2.2019





ACE HARDWARE

Wilmer, TX | 450K SF Expansion

Est. Completion: Q2 2020

Developer: CenterPoint Properties (Denver, CO)

Notes: The expansion will add 450,000 SF to the original 450,000 SF that opened in 2014.

Link: Dallas News | Ace Hardware doubling its shipping hub south of Dallas | 5.31.2019

STANLEY BLACK & DECKER

Alliance, TX | 425K SF Est. Completion: 2020

Developer: Hillwood (Dallas, TX)

Notes: The property will build CRAFTSMAN mechanical tools. This will complement a previously announced 1.2MM SF distribution location, less than a mile away, opening later this year.

Link: WBAP | Stanley Black and Decker **Expanding Operations in Alliance Texas** 5.15.2019



MULTIFAMILY MARKET OVERVIEW



DALLAS / FORT WORTH

The Dallas/Fort Worth area remains a national leader in job creation again this year, spurring strong housing demand. The number of households in DF/W is set to increase by about 60,000 for a second consecutive year, and developers are on track to meet a sizable share of this demand.

5.311 UNITS Q2 2019 MULTIFAMILY DELIVERIES

11.523 UNITS Q2 2019 MULTIFAMILY NET ABSORPTION

95.1% Q2 2019 MULTIFAMILY OCCUPANCY RATE

3.0% YOY Q2 2019 RENT GROWTH (\$1.31 PSF/MONTH EFFECTIVE RENT)

42.622 UNITS Q2 2019 UNDER CONSTRUCTION

Source: CBRE Q2 2019 Multifamily Marketview

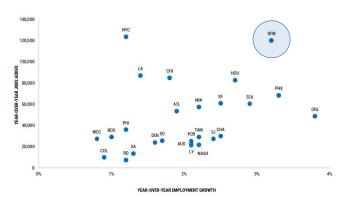
D/FW OFFICE CAP RATES (Q3/Q4 2018)

	Class	%	Change from Q1/Q2 2019 (bps)
	Average	5.42%	0
Infill	А	4.75%	0
	В	5.50%	0
	С	6.00%	0
	Average	5.75%	0
Suburban	А	5.00%	0
	В	5.75%	0
	С	6.50%	0
	С	6.50%	0

Source: CBRE Cap Rate Snapshot Dallas 2018



Source: NGKF Multifamily Capital Markets Report Q2 2019



Source: NGKF Multifamily Capital Markets Report Q2 2019

Market	Unit Count	Effective Rent PSF/Month	Rent Growth YoY	Occupancy	Net Absorption Units	Under Construction Units	Delivered Units
Dallas Total	605,023	\$1.34	2.90%	95.1%	8,739	34,598	3,837
Fort Worth Total	203,314	\$1.23	3.20%	95.1%	2,784	8,024	1,474
D/FW Totals	808,337	\$1.29	3.0%	95.1%	11,523	42,622	5,311

Source: CBRE Dallas Multifamily Report Q2 2019

SELECT MULTIFAMILY TRANSACTIONS



Fort Worth, TX | 583 Units

Buyer: Gateway Public Facility Corp (Dallas, TX)

Seller: Calpers Retirement Fund (Sacramento, CA)

Sale Price: \$31.475MM (\$53.9K/Unit)

Source: CoStar

VILLAS OF OAK HILL (DIXON AT STONEGATE) DISCOVERY AT THE REALM

Lewisville, TX | 423 Units Est. Completion: Late 2020

Developer: Bright Realty (Lewisville, TX)

Notes: Part of a 324-acre masterplanned community including 245K SF of office and 35K SF of retail.

Link: Multi Housing Pro | Bright Realty breaks ground on 312 new apartments at The Realm at Castle Hills: Phase II of existing 423-unit complex | 6.5.2019



THE EPIC DEVELOPMENT

Dallas, TX | 310 Units

Est. Completion: Q1 2020

Developer: StreetLights Residential (Dallas, TX)

Notes: 3-building development includes 250K SF of office, 42K SF of retail, and a 165-room hotel.

Link: Dallas Innovates | 'Epitome of Mixed Use': Old Meets New in Deep Ellum's The Epic Development | 6.19.2019

MONTECITO CREEK

Lake Highlands, TX | 650 Units February 2019

Buyer: Exponential Property Group (South Lake, TX)

Seller: Brixton Capital (Solana Beach, CA) Sale Price: \$48.5MM (\$74.6K/Unit)

Link: RE Business Online | NorthMarg Brokers Sale of 650-Unit Multifamily Asset in Dallas | 3.5.2019

April 2019



HOTEL MARKET OVERVIEW

DALLAS / FORT WORTH

The business velocity in the Dallas/Fort Worth Area has translated into solid hotel fundamentals. Occupancy, average daily rates, and revenue per available room are all at near all-time highs.

1.3% DALLAS 2019 PROJECTED REVPAR GROWTH (\$74.15 TO \$75.20)

2.5% FORT WORTH 2019 PROJECTED REVPAR GROWTH (\$76.27 TO \$78.16)

-1.4\(\text{\psi}\) DALLAS 2019 PROJECTED OCC GROWTH (68.2\(\text{\psi}\) to 67.8\(\text{\psi}\))

-0.6% FORT WORTH 2019 PROJECTED OCC GROWTH (70.3% TO 69.7%)

2.0% DALLAS 2019 PROJECTED ADR GROWTH (\$108.73 TO \$110.91)

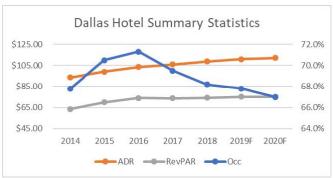
3 5 m FORT WORTH 2019 PROJECTED ADR GROWTH (\$108.42 TO \$112.22)

Source: CBRE Hotel Horizons Dallas

D/FW OFFICE CAP RATES (Q3/Q4 2018)

	Class	%	Change from Q1/Q2 2019 (bps)
	Average	8.28%	22
	Luxury	8.00%	0
CBD	Full Service	7.25%	50
	Select Service	7.88%	25
	Economy	8.00%	13
	Average	8.59%	12
	Luxury	8.00%	0
Suburban	Full Service	8.25%	25
	Select Service	8.38%	13
	Economy	9.75%	12

Source: CBRE Cap Rate Snapshot Dallas 2018



Source: CBRE Hotel Horizons Dallas

DALL	AS HOTEL FORECAS	T SUMMARY STA	TISTICS
Year	Occupancy	ADR	REVPAR
2014	67.8%	\$93.65	\$63.49
2015	70.5%	\$99.16	\$69.91
2016	71.3%	\$103.59	\$73.86
2017	69.5%	\$106.00	\$73.67
2018	68.2%	\$108.73	\$74.15
2019F	67.8%	\$110.91	\$75.20
2020F	67.0%	\$112.15	\$75.14

Source: CBRE Hotel Horizons Dallas



Source: CBRE Hotel Horizons Fort Worth

FORT WORTH HOTEL FORECAST SUMMARY STATISTICS							
Year	Occupancy	ADR	REVPAR				
2014	64.3%	\$98.80	\$63.56				
2015	66.9%	\$102.43	\$68.48				
2016	69.4%	\$103.91	\$72.15				
2017	69.4%	\$105.47	\$73.71				
2018	69.9%	\$108.42	\$76.27				
2019F	70.3%	\$112.22	\$78.16				
2020F	69.7%	\$115.64	\$78.85				

Source: CBRE Hotel Horizons Fort Worth

INTERCONTINENTAL DALLAS

Dallas, TX | 528 Keys March 2019

Buyer: Columbia Sussex (Crestview Hills, KY)

Seller: Sunshine Holdings (Dallas, TX) Sale Price: \$95MM (\$180K/Key)

Cap Rate: 6.3%

Link: Hotel News Resource | Intercontinental Dallas Hotel Sold and to Rebrand As Renaissance Dallas Addison L 3 15 2018



COURTYARD BY MARRIOTT DOWNTOWN

Dallas, TX | 167 Kevs December 2018

Buyer: Chatham Lodging Trust (West Palm Beach, FL)

Seller: PeachState Hospitality (Warner Robins, GA)

Sale Price: \$49MM (\$293.4K/Key)

Link: Hotel News Resource | New 167 Room Courtyard by Marriott Dallas Downtown Sold for \$49 Million | 12.6.2018



VIRGIN HOTEL DALLAS

Dallas, TX | 200 Keys Est. Completion: Late 2019

Developer: Dunhill Partners (Dallas, TX)

Notes: Cost to build \$108MM (\$403K/key).

Link: D Magazine | Upgraded: Virgin Hotels Heads for Dallas Design District | 10.18.2018



AMERICAN AIRLINES HOTEL

Fort Worth, TX | 600 Keys Est. Completion: Early 2021

Developer: Bright Realty Crescent (Fort Worth, TX/Centennial, CO)

Notes: The 5-phase, \$300MM project includes 1.7MM SF of office, 131K SF conference center.

Link: Construction Dive | American Airlines building \$250M hotel, conference center | 6.5.2019