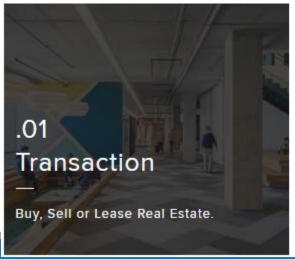
OC Commercial Office Market

JANUARY 2019 - BY WINDWATER REAL ESTATE











WindWater Real Estate

Digitally-driven, real estate company

We believe that the valuation component needs to be brought into the conversation much earlier.

WindWater.com



Overview

- Market Overview ***New Development***
- 2. Appraisal Methods
- 3. Forecast
- 4. Questions

Multi-Tenant; Historic Districts; Value-Add



2019

CAUTION WATCH **YOUR STEP**



What Are We Cautious Of???

- 1. BIG BASIS Replacement Costs / Tenants
- 2. BIG Loan To Values w/ Lender Restrictions
- 3. Major renovation and development costs
- 4. Waning Tenant Demand Sublease Space
- 5. The CoWorking Impact
- 6. Macro Economic Uncertainty



Where is it Safe(r)?

- Quality Properties where land is scarce with good credit tenants on NNN leases at market rents at prices inline with today's replacement cost – DIFFICULT TO FIND
- 2. Properties with vacancy of 15% to 30% with smaller suites (< 7,000 SF) that need cosmetic upgrades but not major rehab. HARD BUT POSSIBLE



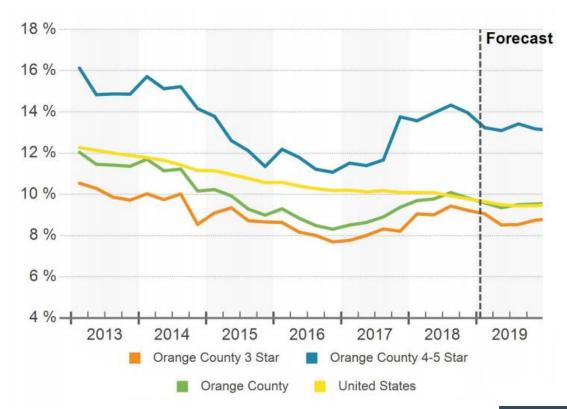
Notable Trends

- 1. Rents are stagnating on Class A Properties
- 2. Rents have increased ~4% in Class B Properties
- 3. Property Values are up < 10% YoY
- 4. Unemployment rate 2.6% in OC
- 5. No absorption in 2018 Net Neutral. * Partially due to new construction delivered.
- 6. Vacancy rates have increased from 8.9% to 10 % (Due to new construction).
- 7. Construction activity is down from 2017 (2.4 M) to 1.3 M.



Vacancy at 10% (Neutral)

VACANCY RATE





Tenant – Neutral - Landlord

VACANCY RATES

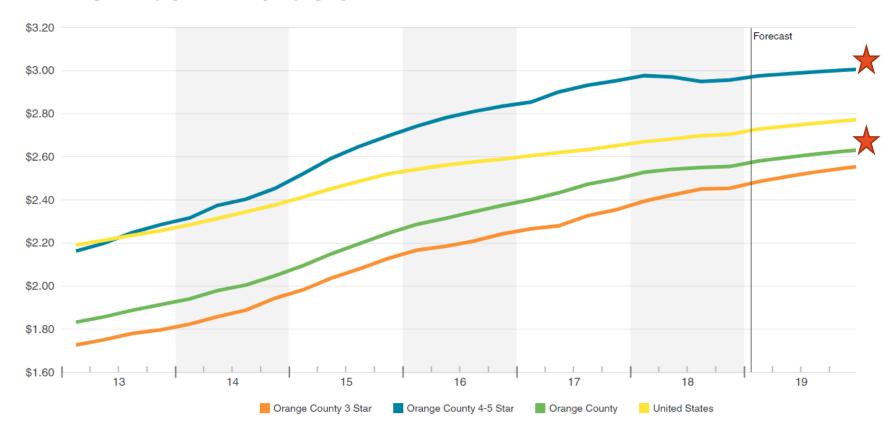
>10% = Tenant's Market

8% to 10% = Neutral Market

< 8% = Landlord's Market



Rental Rates





Absorption & Deliveries





Square Feet

Percent of Inventory

Preleased

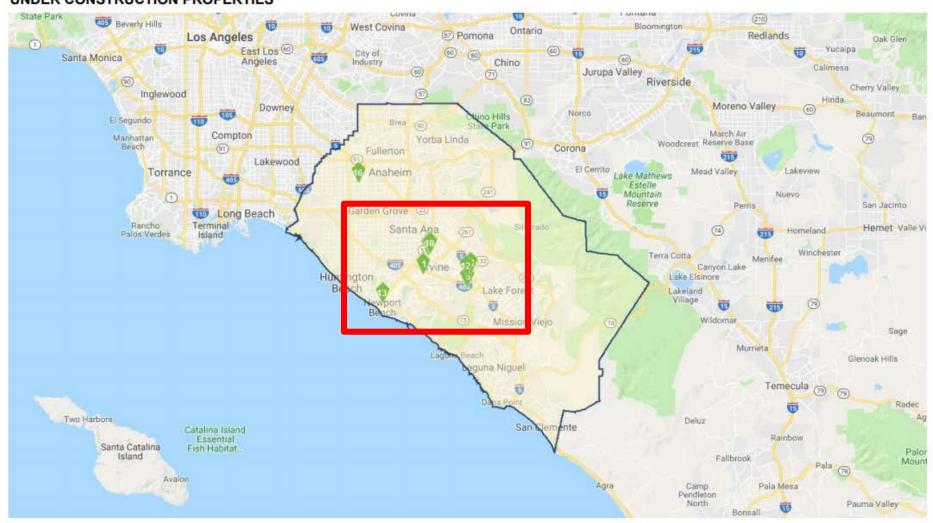
18

1,361,596

0.9%

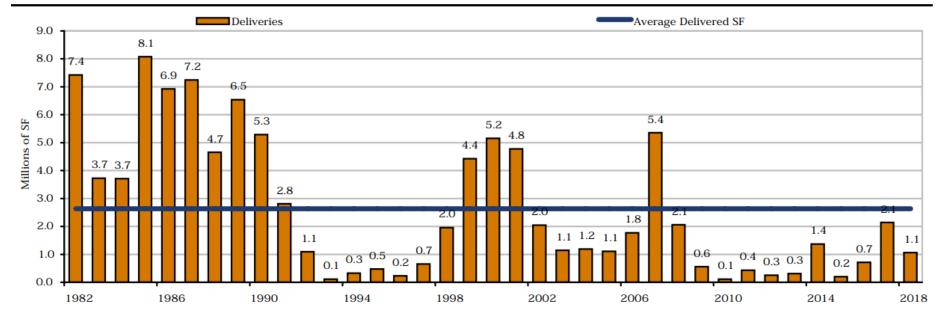
8.7%

UNDER CONSTRUCTION PROPERTIES



Historical Deliveries

1982 - 2018



Source: CoStar Property®

* Future deliveries based on current under construction buildings.



Lincoln Property's Flight



457,000 SF - 100% Vacant



Irvine Company's Spectrum Terrace



353,000 SF (with 706,000 SF entitled) – 100% Vacant

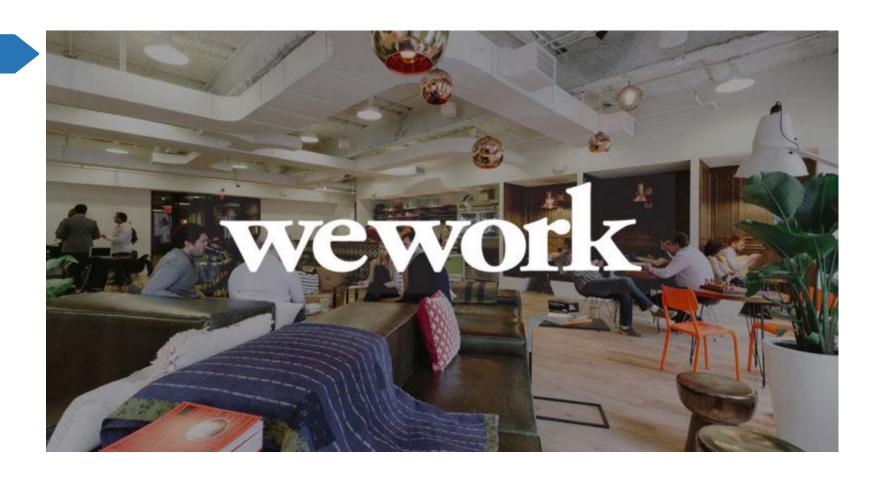


Irvine Company's The Quad



REAL ESTATE

365,000 SF - 57.9% Vacant





Co-Working Operations

(Since Q1 2017)

- 1. WeWork @ 200 Spectrum Center Drive 25,000 SF
- 2. WeWork @ 400 Spectrum Center Drive 50,000 SF
- 3. WeWork @ 611 Anton Boulevard 40,000 SF
- 4. WeWork @ The Boardwalk 45,000 SF
- 5. WeWork @ Segerstrom Towers 48,000 SF
- 6. WeWork @ Flight at Tustin Legacy ? SF
- 7. Industrious @ Park Place Irvine 40,000 SF
- 8. Spaces @ Intersect Irvine 25,000 SF



Small Tenant Market

Over 2,000 leases were executed in 2018

AVG lease size in 2018 was 4,003 SF

80% of tenants are < 7,000 SF

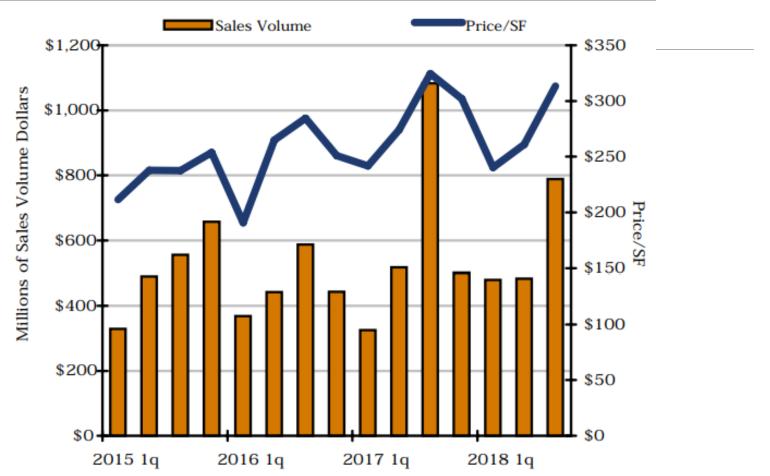
Are TI costs keeping small tenants from moving?

What amenities do small tenants expect as part of their lease?



Sales Volume & Price

Based on Office Building Sales of 15,000 SF and Larger



Source: CoStar COMPS®

WINDWATER REAL ESTATE

Sales Analysis by Building Size

Based on Office Building Sales From Oct. 2017 - Sept. 2018

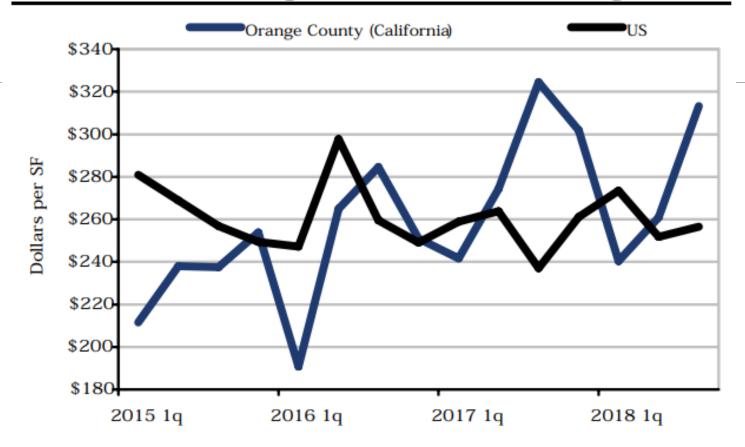
Bldg Size	#	RBA	\$ Volume	Price/SF	Cap Rate
< 50,000 SF	196	2,242,180	\$671,303,499	\$ 299.40	5.59%
50K-249K SF	28	2,832,039	\$605,302,500	\$ 213.73	5.99%
250K-499K SF	9	3,221,033	\$1,099,337,880	\$ 341.30	5.19%
>500K SF	1	533,118	\$161,000,000	\$ 302.00	-

Source: CoStar COMPS®



U.S. Price/SF Comparison

Based on Office Building Sales of 15,000 SF and Larger

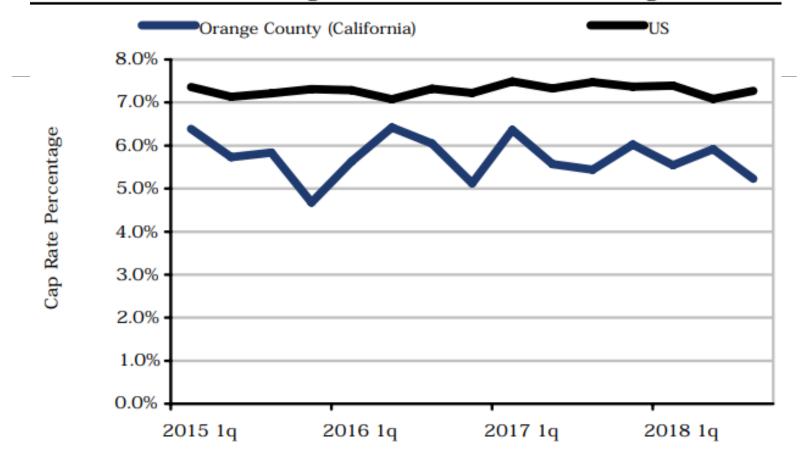


Source: CoStar COMPS®



U.S. Cap Rate Comparison

Based on Office Building Sales of 15,000 SF and Larger



Source: CoStar COMPS®



Class A Product

Investment-grade

Modern Mechanical Systems

Highly Desirable Location, Finishes and Layouts

Command the Highest Rent or Sale Prices

"Creative" space has made its own classification.



Class A Product



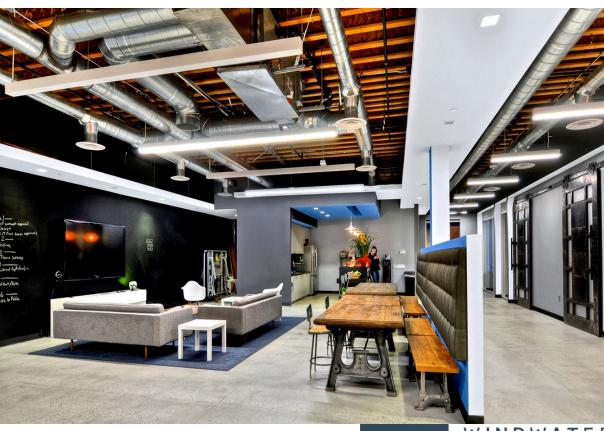




"Creative" Space

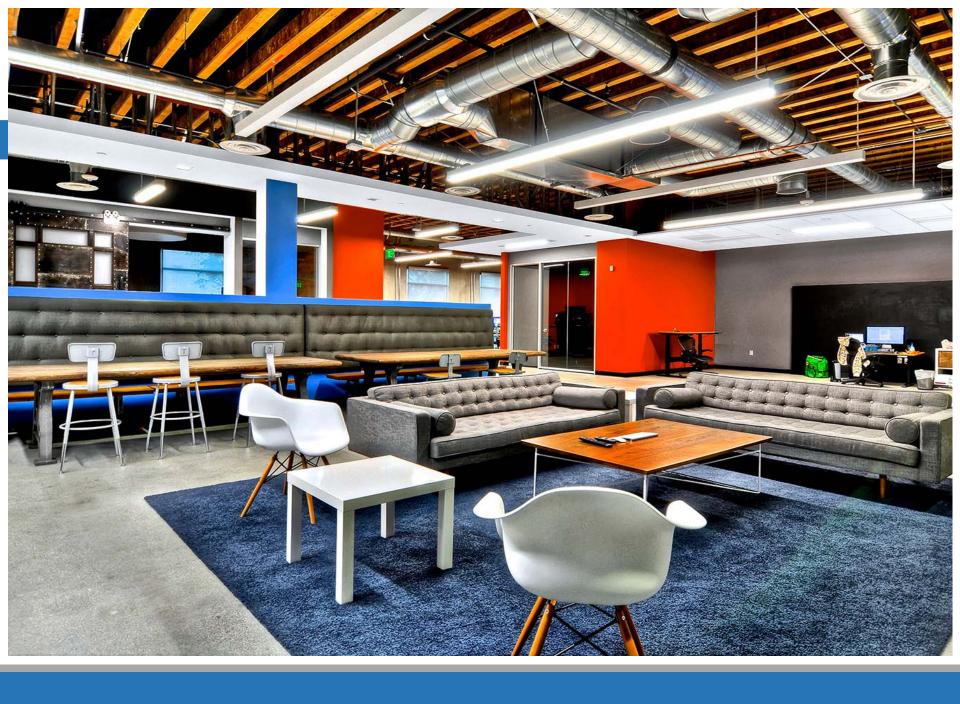




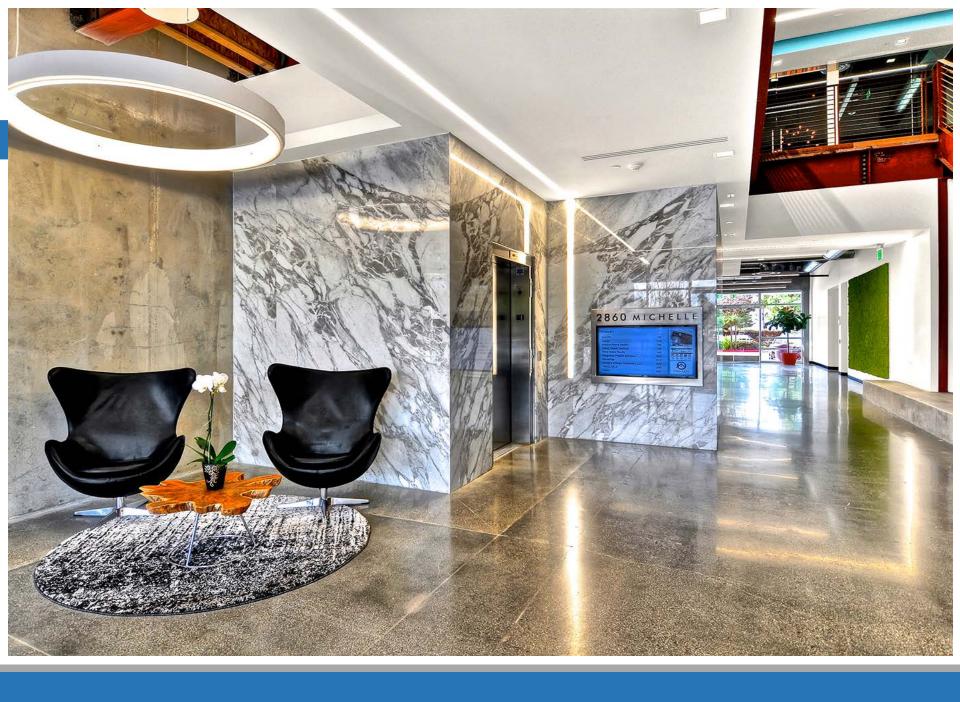


WREAL ESTATE









Class B Product

More Speculative Investment

Depends on lower rents or sale prices to attract tenants or buyers

Utilitarian space

Ordinary design

Average to good maintenance



Class B Product







Office Values & Assumptions

- 1. Comparable Sale
- 2. Income
- 3. Replacement Cost



Comparable Sale

Institutional investors will take out private equity and owner/user competition.

Businesses are looking for flexibility in growth.

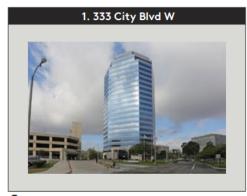
Foreign investors are playing in the smaller sandbox with minimal management.

More transactions to compare

Features and Intangibles are Important (TI, Amenities, Furniture, Energy Savings.)



Sale Comparables



Orange

Price: \$147,300,000
Price/SF: \$341.76
Cap Rate: 4.9%
RBA: 431,007
Date: 3/7/2018
Year Built: 1988

Buyer: KBS Strategic Opportunity REIT, Inc.

Seller: Torchlight Investors



Newport Beach

Price: \$125,650,000
Price/SF: \$362.63
Cap Rate: N/A
RBA: 346,500
Date: 9/12/2018
Year Built: 1989

Buyer: Granite Properties, Inc.
Seller: AEW Capital Management



Irvine

Price: \$120,000,000
Price/SF: \$385.95
Cap Rate: 5.5%
RBA: 310,925
Date: 12/31/2017
Year Built: 1986

Buyer: CBRE Global Investors LTD
Seller: Dune Real Estate Partners LP



Sale Comparables

4. 2300 Main St

Irvine

Price: \$46,600,000
Price/SF: \$348.42
Cap Rate: N/A
RBA: 133,745
Date: 11/16/2018
Year Built: 2002

Buyer: GLL Real Estate Partners GmbH

Seller: Hines Securities, Inc.



Orange

Price: \$33,000,000
Price/SF: \$218.34
Cap Rate: 5.4%
RBA: 151,140
Date: 2/9/2018
Year Built: 1990
Buyer: TA Realty

Seller: The Blackstone Group LP



Los Alamitos

Price: \$32,500,000
Price/SF: \$464.29
Cap Rate: 5.6%
RBA: 70,000
Date: 10/26/2018
Year Built: 2014
Buyer: Ventas, Inc.

Seller: PMB Real Estate Services



Sale Comparables

7. 1500 Quail St

Newport Beach

Price: \$32,200,000
Price/SF: \$354.96
Cap Rate: 5.4%
RBA: 90,715
Date: 7/12/2018
Year Built: 1983

Buyer: Lincoln Property Company

Seller: New York Life Real Estate Investors



Orange

Price: \$32,000,000
Price/SF: \$323.54
Cap Rate: 6%
RBA: 98,907
Date: 10/4/2018
Year Built: 1976

Buyer: EverWest Real Estate Investors LLC

Seller: Westcore Properties



Angheim

Price: \$29,850,000
Price/SF: \$329.71
Cap Rate: N/A
RBA: 90,533
Date: 11/21/2018
Year Built: 2009

Buver: AltaMed Health Services

Seller: Quarry Capital



Income Approach

Everyone is chasing yield and it's all about cash flow.

Think about this as the leading valuation method.

It can reduce your weighting of like for like properties and substantiate your valuation.



Income Approach Cont.

Vacancy and lease expirations are expensive. Verify the "upside."

Modern TI is more important than green infrastructure when it comes to boosting NOI

Spec suites are better than shell.

If you can derive the NOI and apply a market cap rate of 5.50% to 6.0% then the buyer is getting a market return on their acquisition and the value is substantiated.





Funding Lapse

* * *

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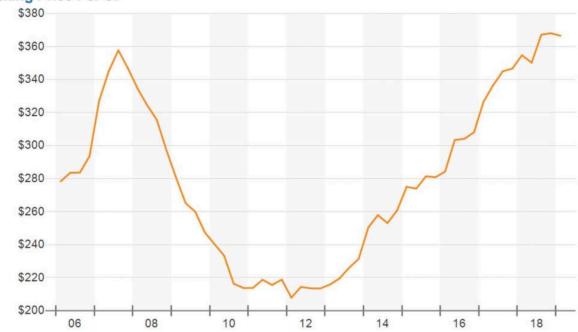


Period	# of Transactions	Dollar Volume	Avg Price	Building SF	Avg Bldg SF	Avg Price Per Bldg SF	Median Price Per Bldg SF
Survey	2,564	\$4,278,266,270	\$2,003,872	21,824,975	8,555	\$220.04	\$256.49
2018	179	\$397,452,302	\$2,779,387	1,308,745	7,352	\$320.43	\$354.08
2017	172	\$364,618,018	\$2,567,733	1,402,320	8,201	\$269.07	\$295.00
2016	175	\$316,193,118	\$1,928,007	1,094,013	6,252	\$299.67	\$293.62
2015	155	\$330,947,754	\$2,565,486	1,406,521	9,253	\$239.95	\$274.37
2014	143	\$192,491,381	\$1,564,971	1,131,462	7,968	\$214.09	\$254.45
2013	165	\$350,923,474	\$2,403,585	1,846,997	11,331	\$195.76	\$212.74
2012	169	\$255,427,592	\$1,878,144	1,710,419	10,121	\$186.93	\$209.54
2011	164	\$199,779,838	\$1,525,037	1,241,301	7,710	\$176.82	\$220.33
2010	156	\$163,251,217	\$1,285,443	997,237	6,434	\$178.75	\$205.00
2009	101	\$201,379,072	\$2,369,166	1,021,912	10,118	\$203.57	\$239.49
2008	174	\$205,310,088	\$1,532,165	887,264	5,099	\$312.07	\$337.78
2007	260	\$343,052,163	\$1,949,160	1,707,952	6,594	\$249.45	\$320.00
2006	132	\$202,204,100	\$1,889,758	1,069,214	8,100	\$256.03	\$271.52
2005	148	\$301,306,790	\$2,248,558	1,951,105	13,183	\$187.23	\$232.05
2004	125	\$232,266,967	\$1,888,349	1,273,351	10,187	\$183.98	\$196.29
2003	118	\$158,565,808	\$1,378,833	1,135,143	9,620	\$147.37	\$164.84



OC's Owner / User History by the Numbers

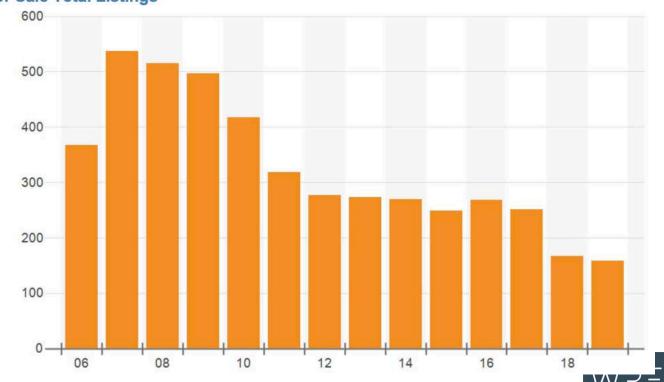






OC's Owner / User History by the Numbers

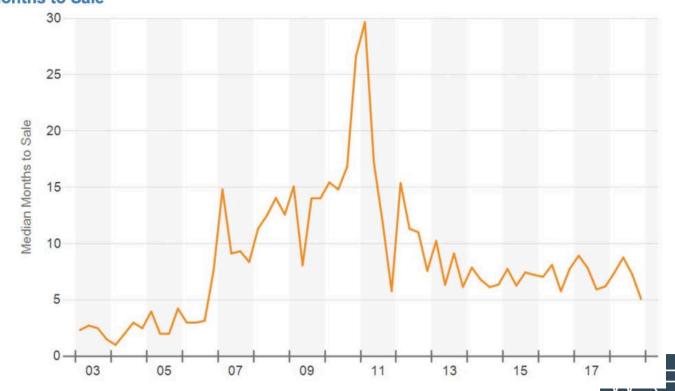






OC's Owner / User History by the Numbers

Months to Sale





Income Assumptions

Rent Growth -2.5% p/yr for next 2 years.

Escalations – 3.0%

Free Rent – 1 month for every 2 years of Lease Term

Down Time – 6 months if ready for occupancy; 9 - 12 months if it is shell or needs a lot of work.

Commissions – 7% on NNN and 6% on FSG leases

Improvements - \$15 - \$65 PSF on vacant space; \$10 - \$15 on renewal

Vacancy – 10%



Replacement Cost

Prices are at 2006 levels which is pushing for a development cycle

Land Cost in Urban Areas has Held its Value

Higher Finish Levels and Infrastructure is Required by Occupants

Local & State Politics are Increasing Costs

\$350 to \$400 PSF Development Cost + Profit



Replacement Cost Assumptions

Land Cost - \$60 PSF of useable land area (\$150 PSF on building area)

Hard Costs - \$130 PSF

Tenant Improvements - \$70

Soft Costs - \$10 PSF

Total costs of \$360 PSF

Necessary income for 9% Cap Rate = \$32.40 PSF, NNN (\$2.70 to \$3.00 PSF)



Office Real Estate Cycle (2015)



Forecast

2019 will be a good year for investment sales

Rents will start to destabilize.

Owner / User sales will slow due to supply.

Cap rates will remain low with underwriting expecting rent growth.

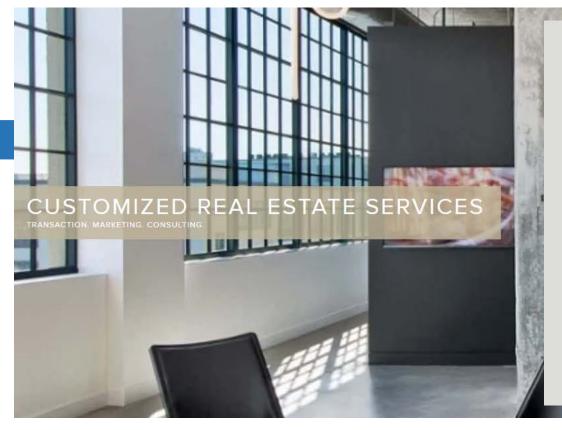
Fractional ownership opportunities expanded.



Uncertainty???

- 1. Washington DC
- 2. The Housing Market
- 3. Interest Rates (> 5%)
- 4. The length of the current cycle
- 5. Stock market slow down
- 6. China, Brexit, Middle East





WindWater.com

team@windwater.com

949.231.5022

Rob Rader

