



# A Healthy Today, An Uncertain Tomorrow...

Presented For:

**BOMA: Regional Owners Group and  
National Advisory Council**

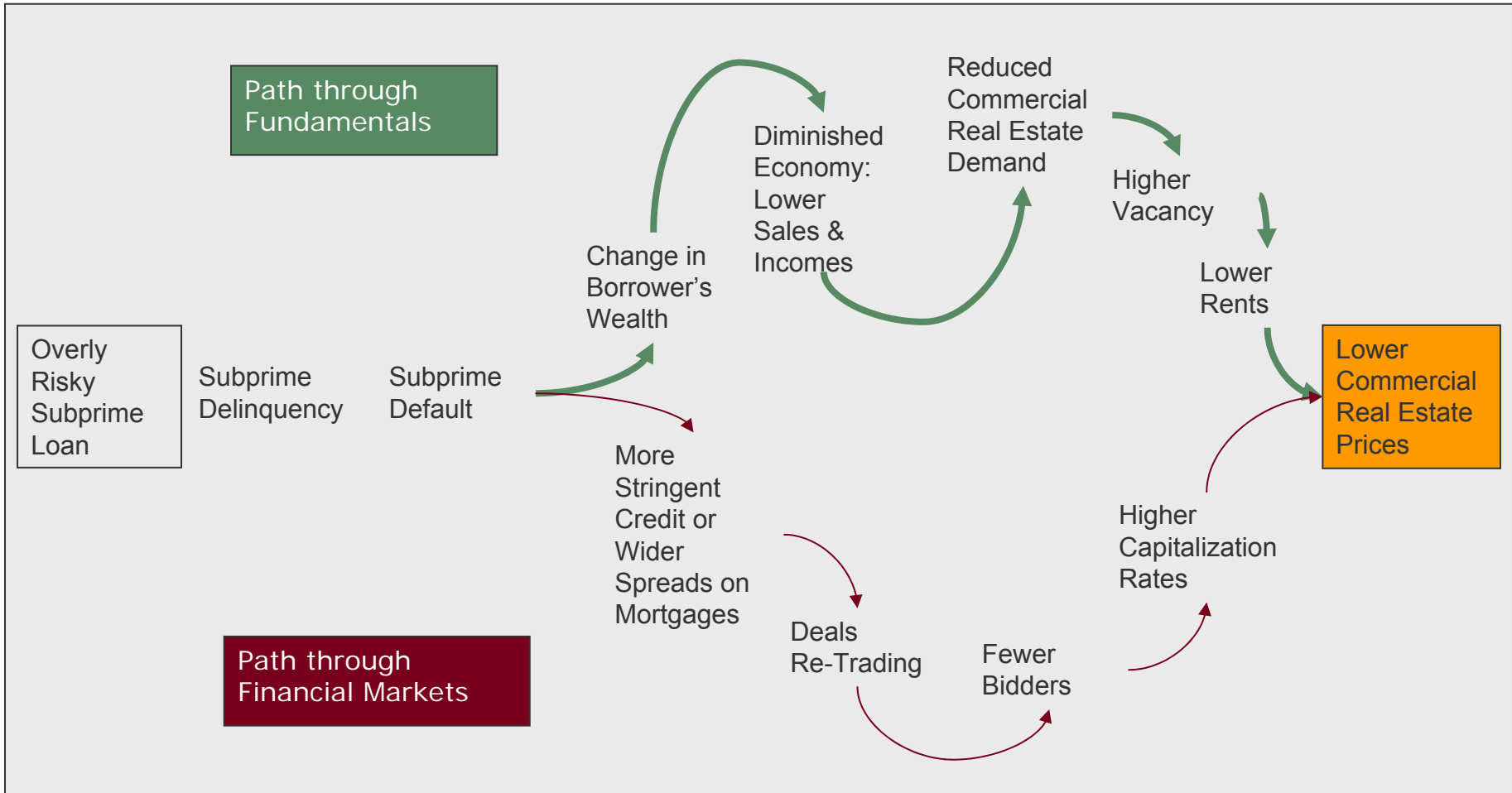
Presented By:

Arthur Jones, Senior Economist  
January 26, 2008

**CBRE**  
CB RICHARD ELLIS

**TORTO WHEATON  
RESEARCH**

# Spillover from the Sub-Prime Market can Impact Commercial Property





# What is Different This Time?

- Historically, FED fights inflation by raising rates, causing housing to go into the tank from combination of tight credit and job losses, often times leading to a recession.
- In 2008, the question is whether a single family housing correction due to overbuilding will cause a recession!

*Here is a case where it is true!!*

*“This time is different.”*



# Economic Outlook



# A Very Uncertain 2008

- **Economic Outlook is in doubt**
- **Some feel we are heading into a recession**
- **Other's feel we are already there**
- **Base forecast is for slow! Housing is the undertow.**
- **Financial Institutions and some households are the victims!**
- **Money is made the old fashion way—leasing, expense control and rent growth--NOI.**
- **Prices are still high, lower returns on New Investments. Cap rates will rise moderately!**
- **Financial crisis will/is repricing risk and shifting debt/equity macro allocations for real estate.**



# A View From the Fed

- **On the Economy**

*“weakening of economic outlook and increasing downside risks to growth”*

- **On the Labor Market and housing**

*“...incoming information indicates a deepening of the housing contraction as well as some softening in the labor markets.”*

- **On Capital Markets**

*“While strains in short-term funding have eased somewhat, broader financial market conditions have continued to deteriorate...”*

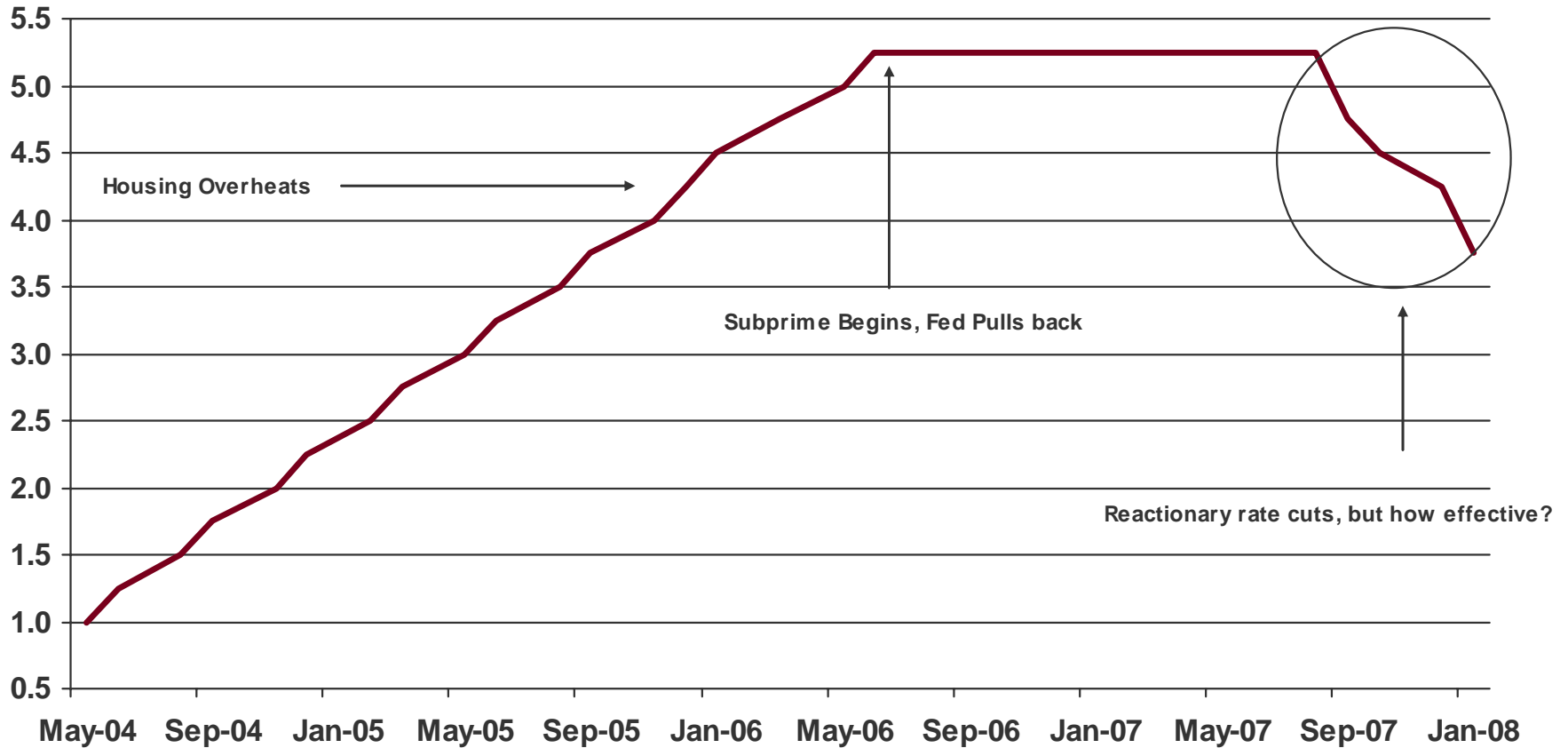
- **On Inflation**

*“...expects inflation to moderate, but will be necessary to continue to monitor inflation developments carefully.”*

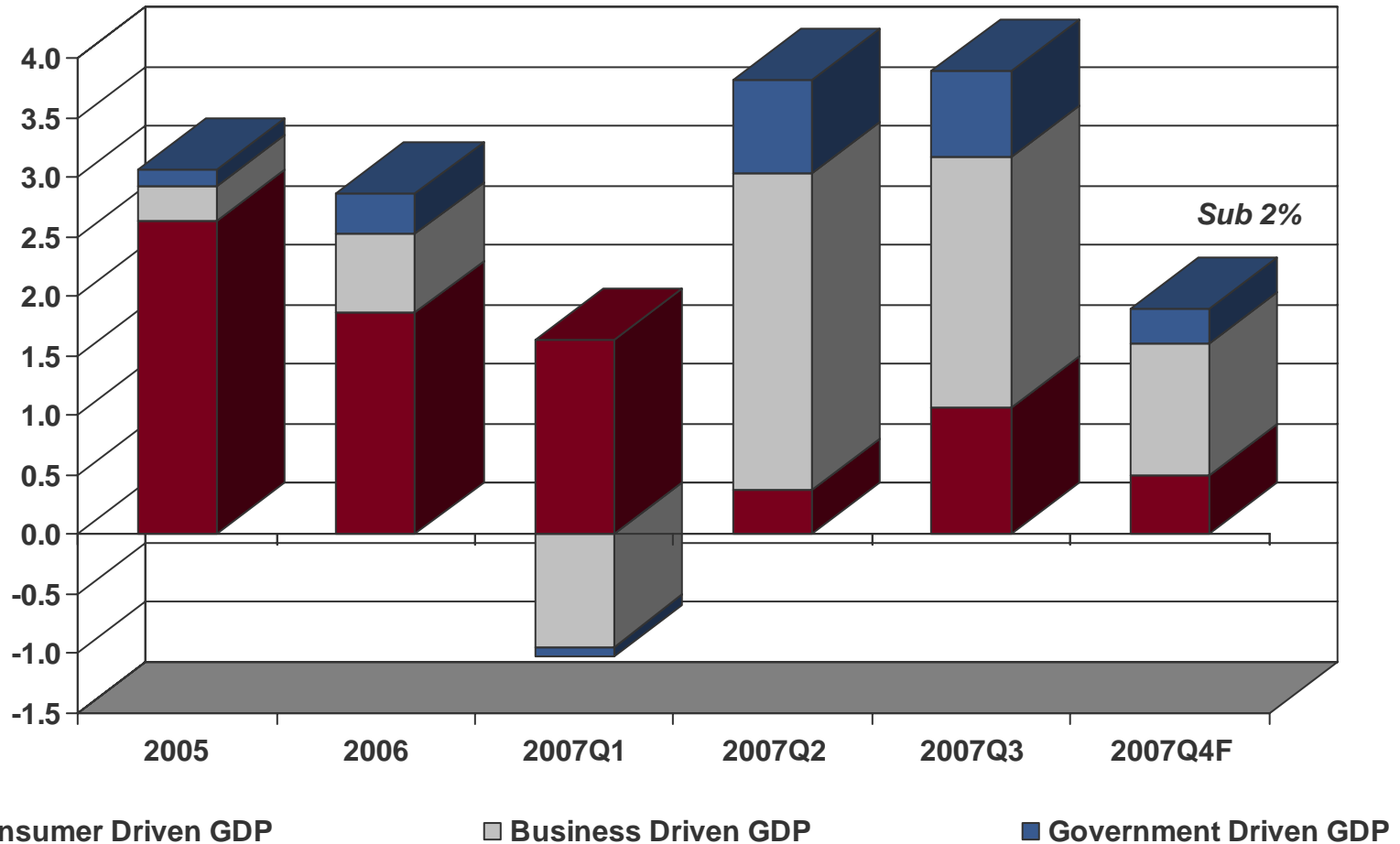


# The Message is Clear The Fed is Concerned

Federal Funds Rate, %



# Business-Driven Economy is Slowing



Source: BEA and Torto Wheaton Research



# GDP At A Glance...

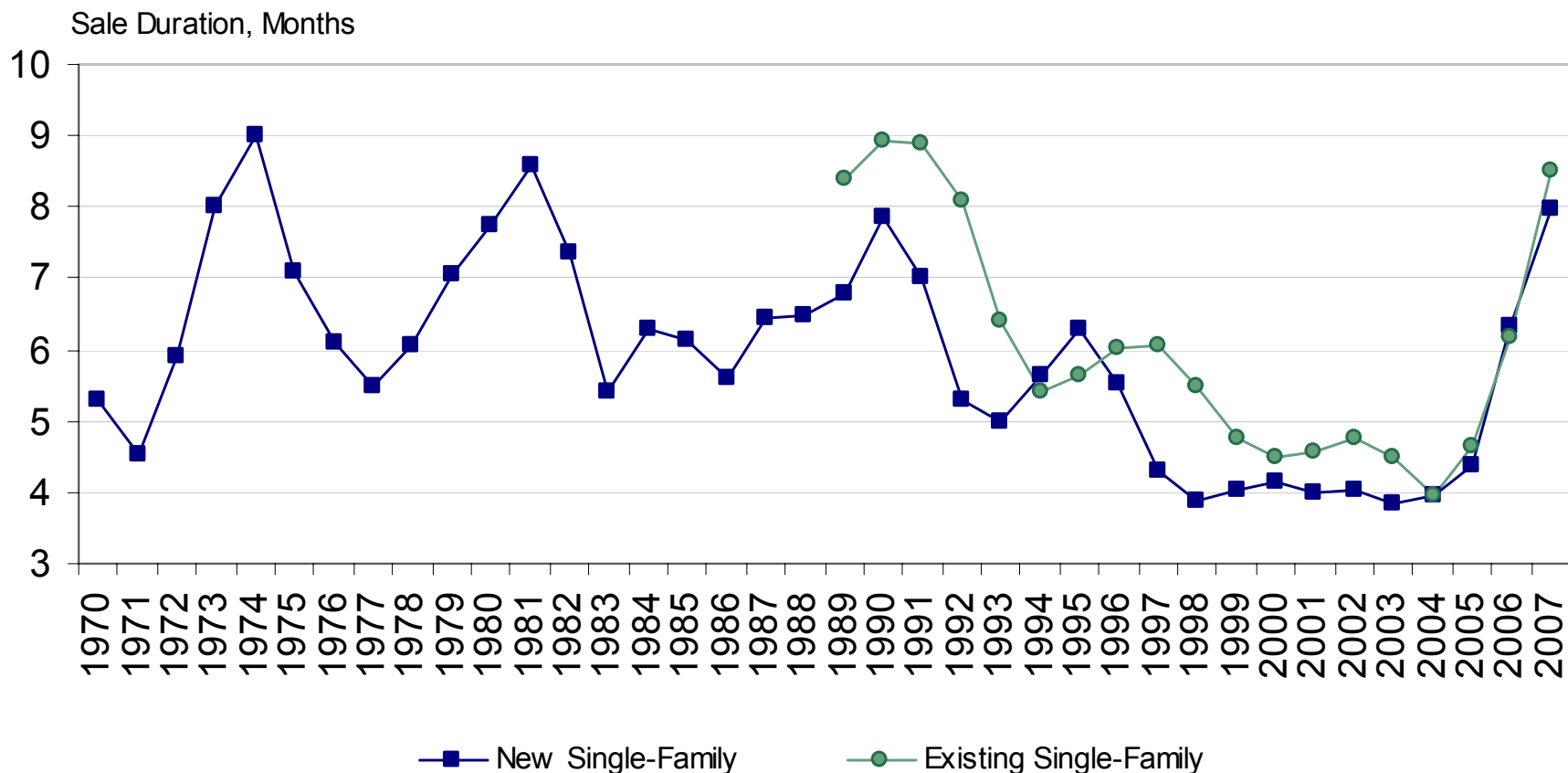
Annualized % change, Chained \$, SA	07Q3	07Q2	07Q1
Gross domestic product	3.9	3.8	0.6
Personal consumption expenditures	3.0	1.4	3.7
Gross private domestic investment	0.8	4.6	-8.2
Fixed investment	-1.5	3.2	-4.4
Nonresidential investment	7.9	11.0	2.1
Structures investment	12.3	26.2	6.4
Residential investment	-20.1	-11.8	-16.3
Exports	16.2	7.5	1.1
Imports	5.2	-2.7	3.9
Government consumption and invest	3.7	4.1	-0.5
Disposable personal income	4.4	0.6	5.4
Implicit Price Deflator	0.7	2.6	4.2

Source: Bureau of Economic Analysis

A circular graphic on the left side of the slide, showing a modern multi-story building with a curved facade and several windows. The building is rendered in shades of grey and white, with a slight shadow effect. It is set against a background of faint, stylized architectural elements and a grid pattern.

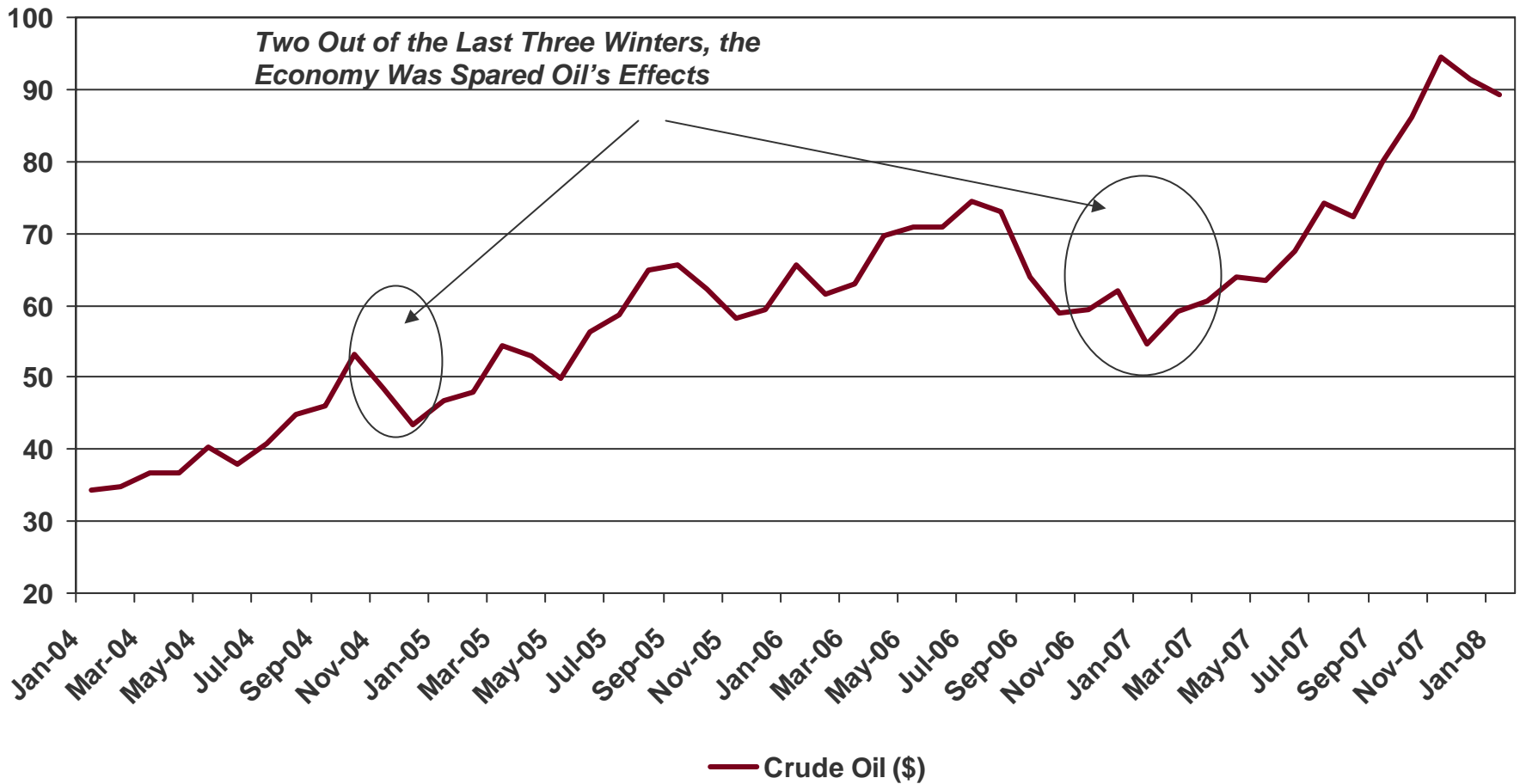
# So What Has Us Worried?

# The Months Needed to Sell a Home Approaching All-Time Highs



Source: National Association of Realtors.

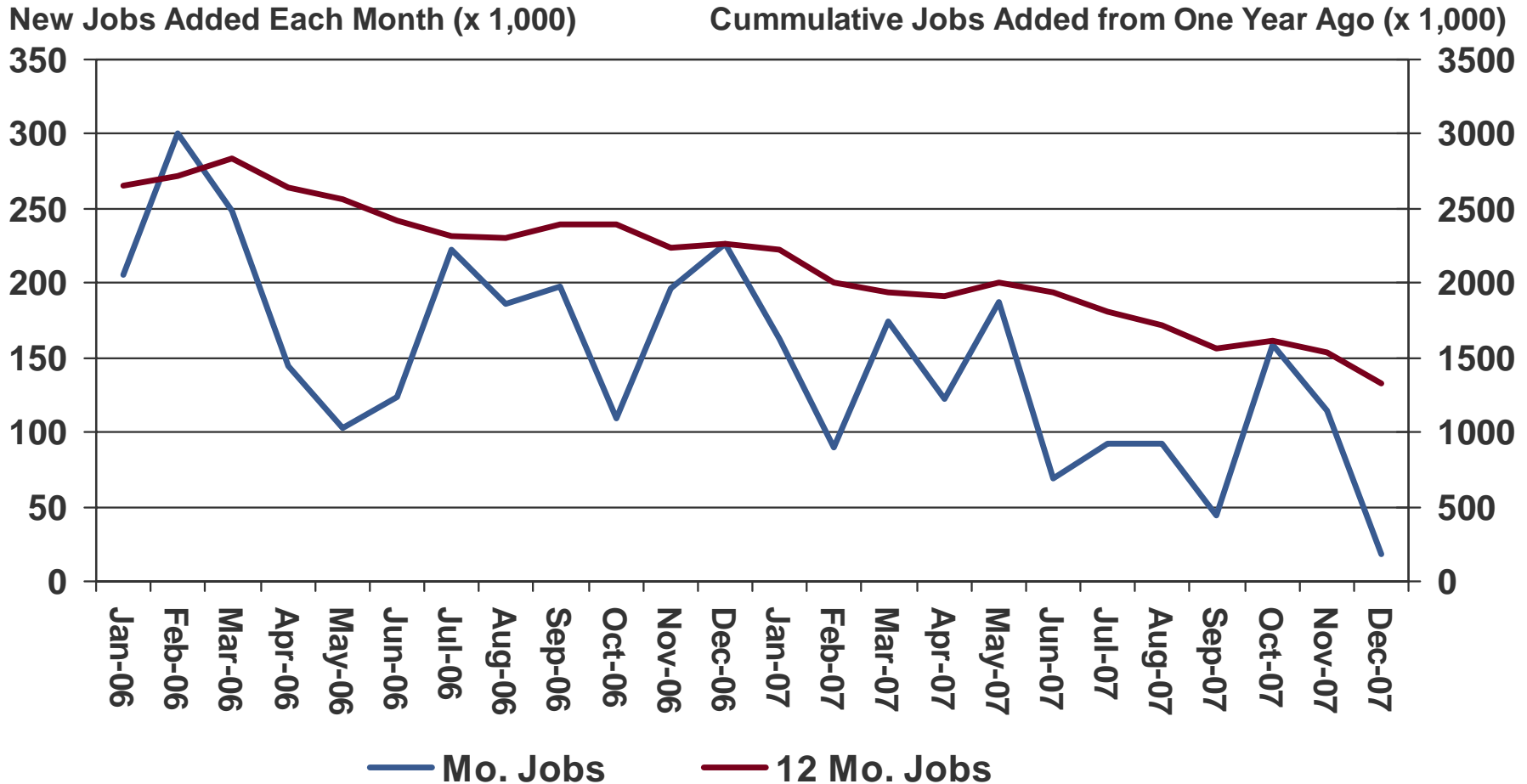
# Oil Keeps Returning As a Worry



Source: Wall Street Journal and New York Mercantile Exchange.



# The Trend is Obvious and the December Number Raises Concern



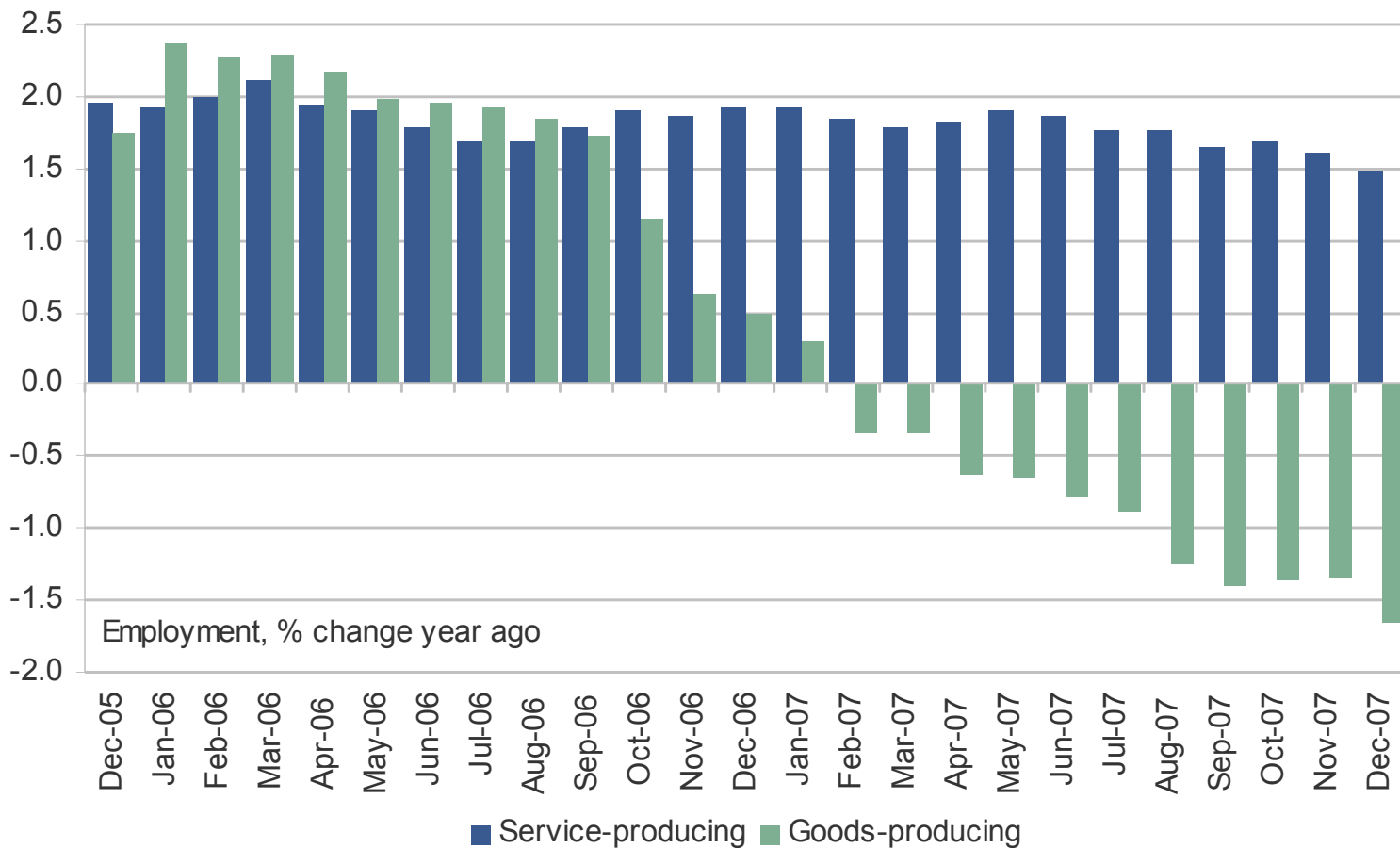
Source: Bureau of Labor Statistics

A circular graphic showing a modern multi-story building with a curved facade, set against a background of a city skyline and abstract geometric patterns in shades of green and blue.

# Where Are We Headed?



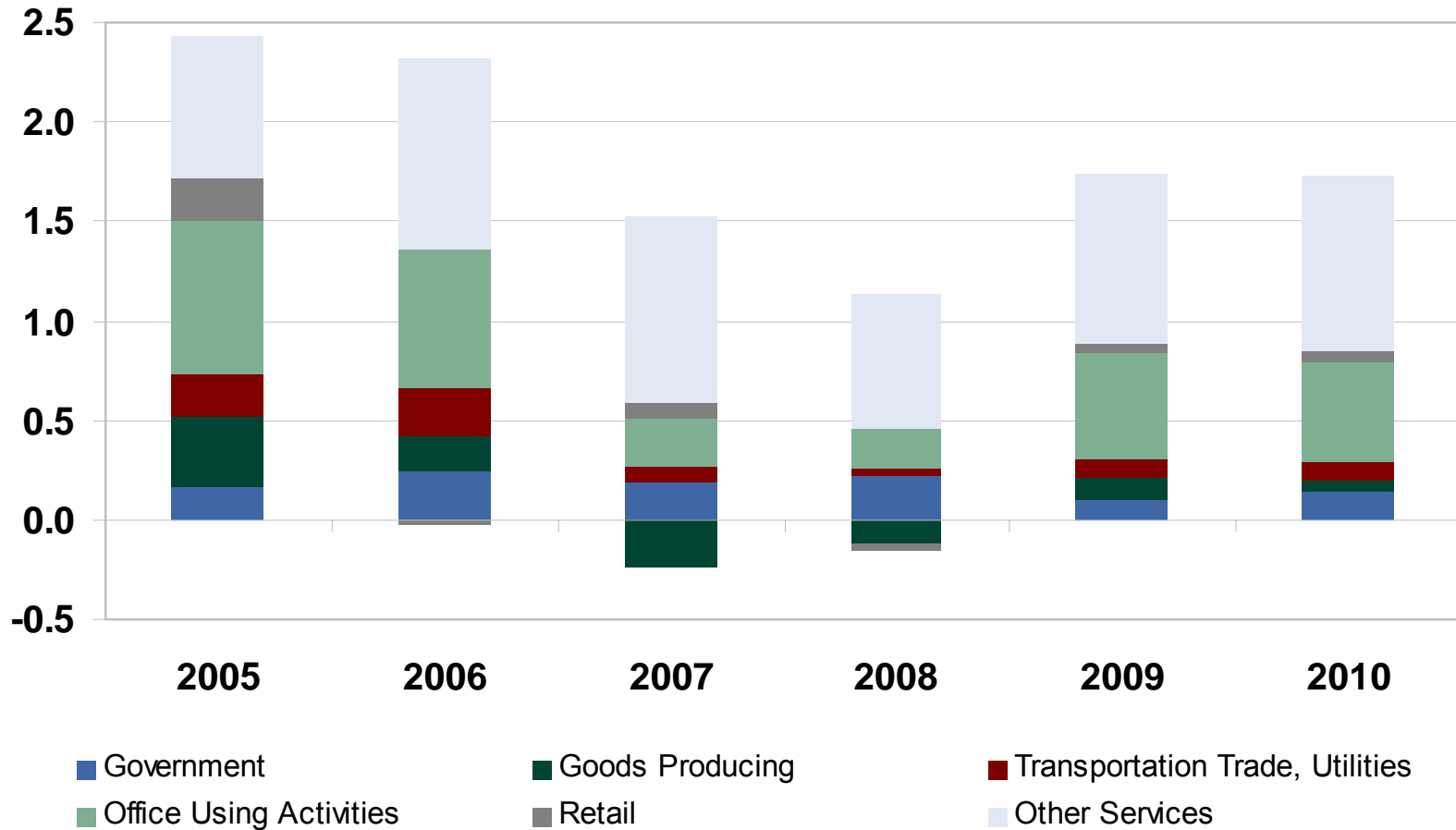
# Fractionalized Job Market



Source: Torto Wheaton Research, Bureau of Labor Statistics

# What Will Drive Job Growth? Services Of Course...

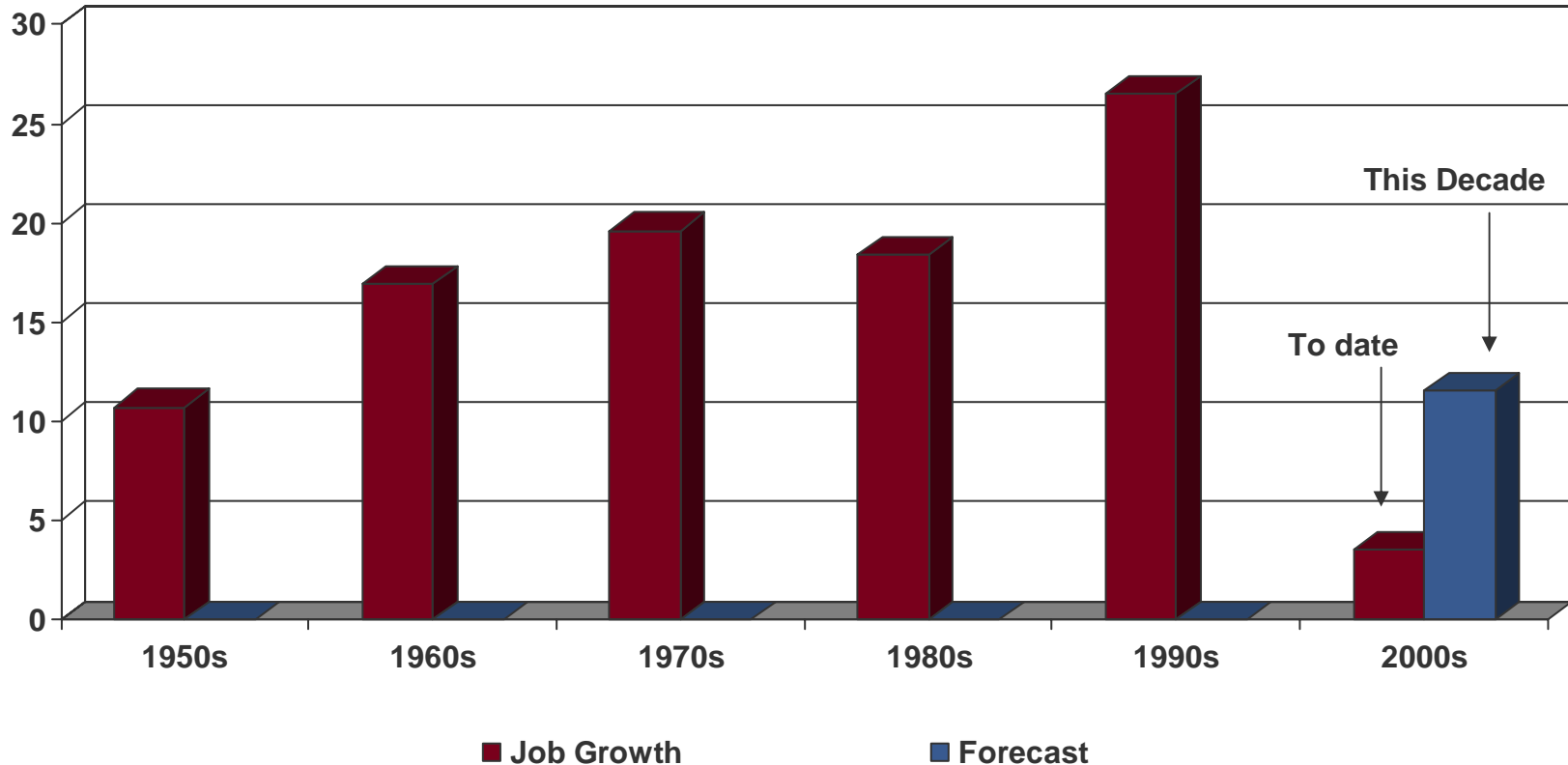
Job Growth, Millions



Source: Torto Wheaton Research

# A Long Term Consideration: Job Growth This Decade Will Be Small by Historic Standards

Millions of Jobs



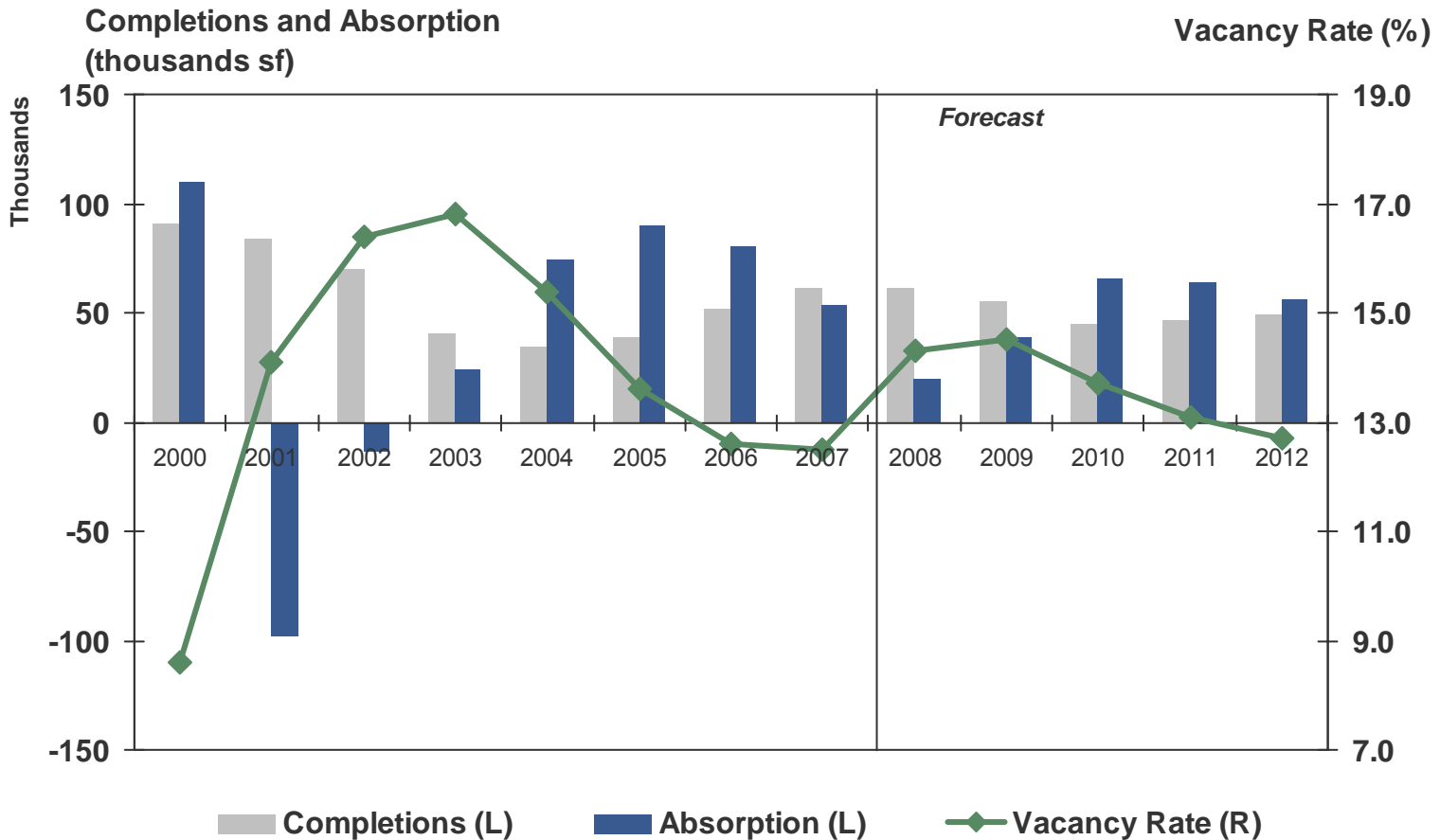
*Forecast assumes 5% unemployment*



# State of The Office Market Outlook

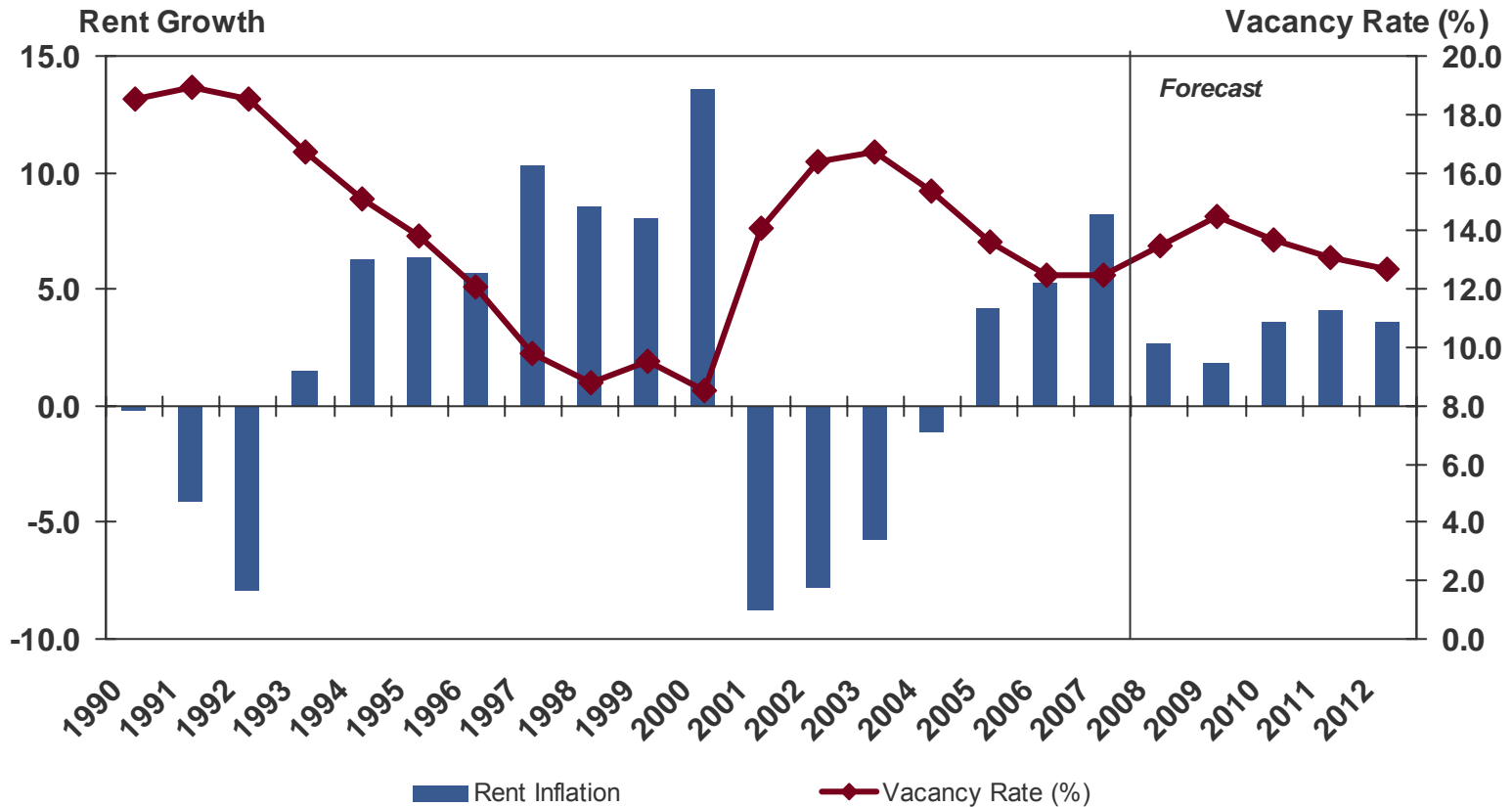
We had a year of Relative Stability? We are faced with a year of uncertainty... fortunately, we are well positioned.

# Office Outlook: Slow But Steady



Source: Torto Wheaton Research, Outlook XL, Winter 2008

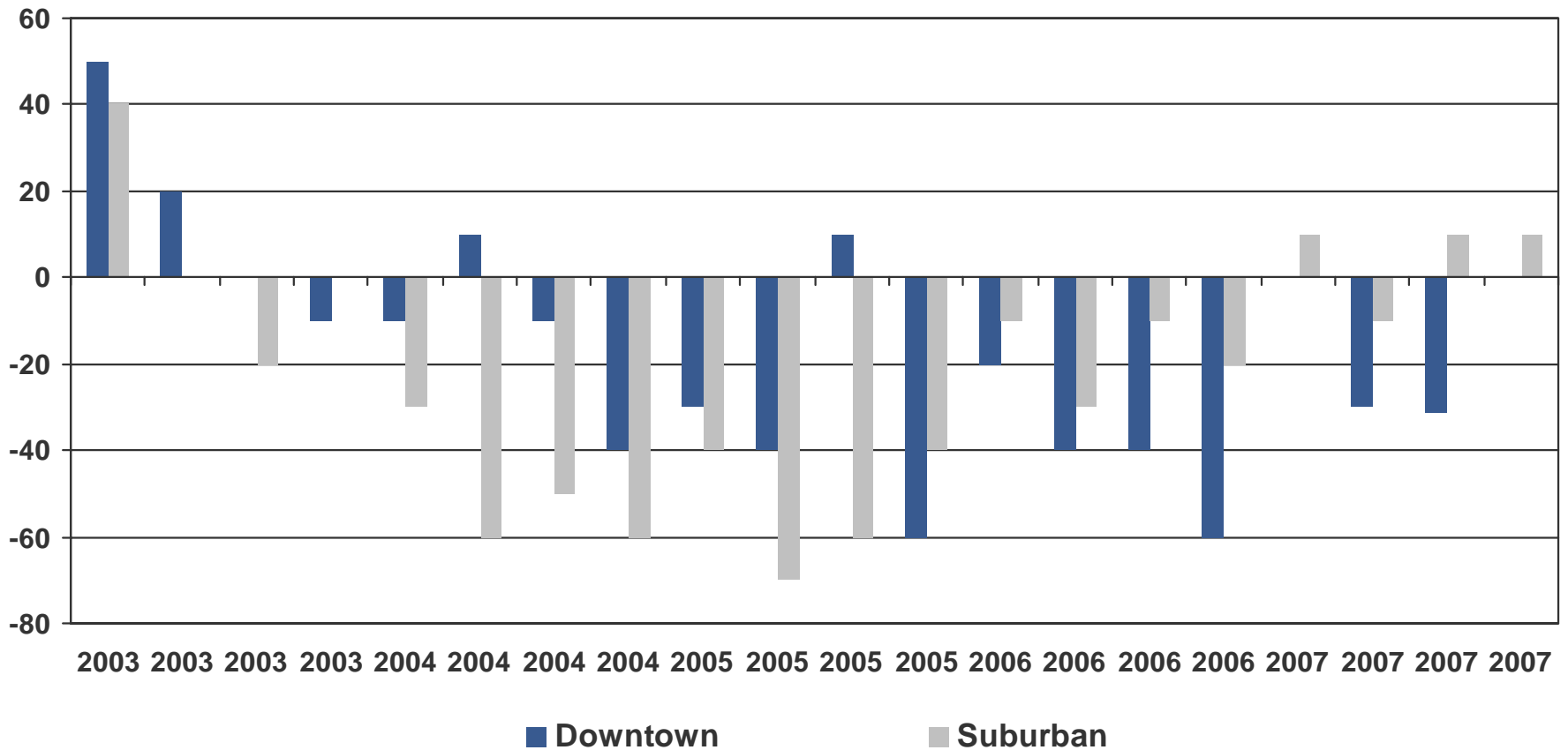
# Rent Spikes Mean Vacancy Will Rise, But Not By Much



Source: Torto Wheaton Research, Office Outlook XL, Winter 2008

# Downtown and Suburban Markets Separate

Basis Point Change in Vacancy Rate

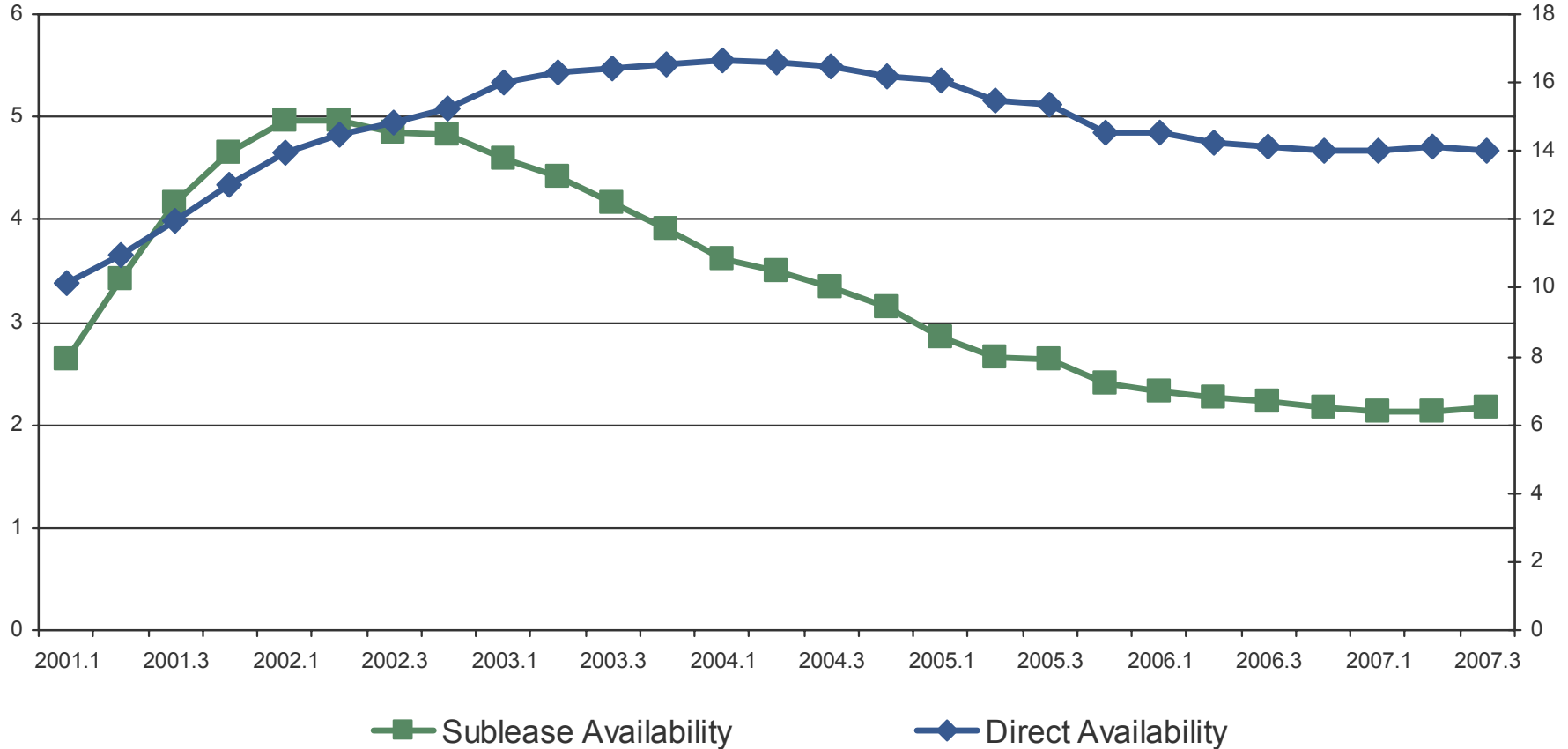


Source: Torto Wheaton Outlook XL Historical, Spring 2008

# Sublet Space: Not Issue, Yet!

Sublease Availability Rate (%)

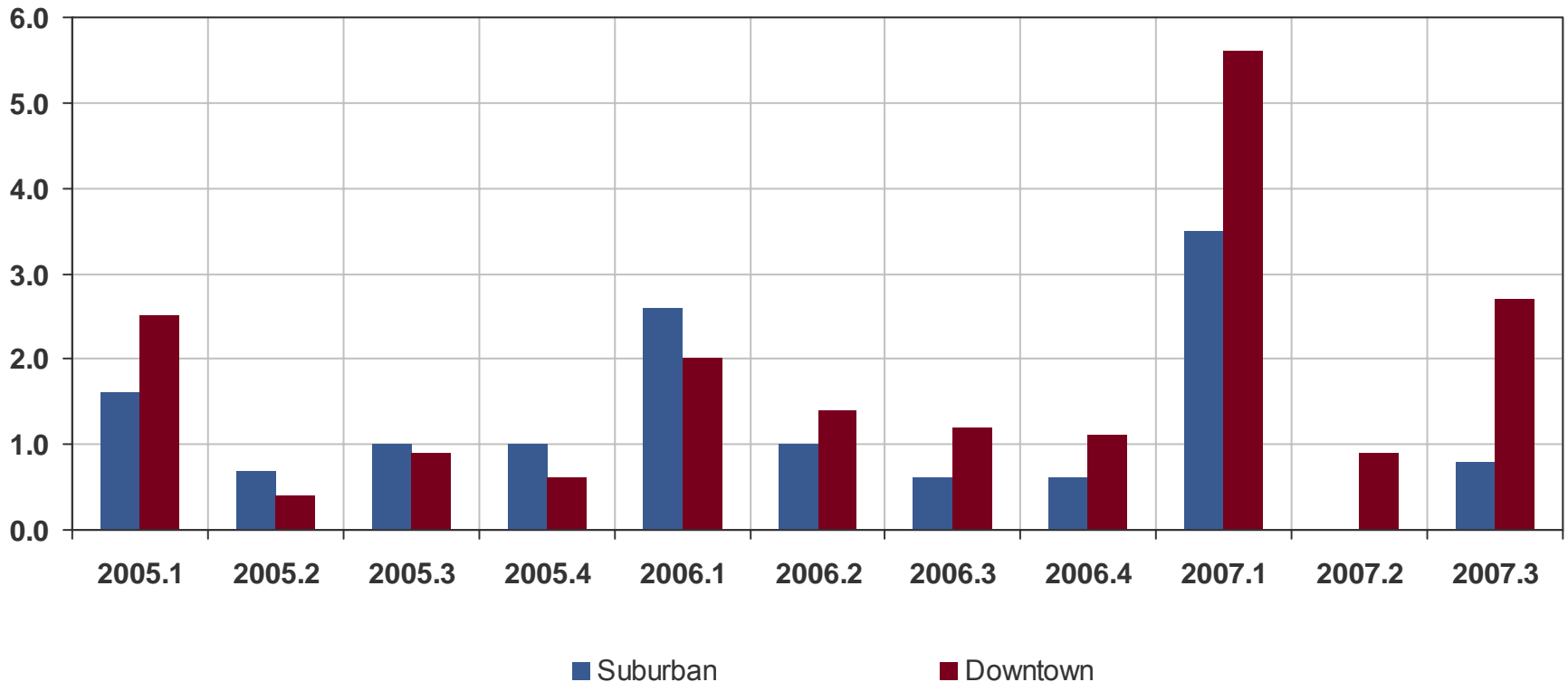
Total Availability Rate (%)



Sources: CoStar Group, Torto Wheaton Research

# Downtown Markets Have the Edge

Quarterly Rent Inflation (TWR Rent Index), in %'s



Source: TWR Office Outlook, Winter 2008.



## Top Performing Office Markets Based on 2-Year Historical Rent Growth

Rank	Market	Current (SF x 1000)	Absorption %	Vacancy %	Rent Growth
1	San Jose	36,156	2.1	15.7	15.3
2	San Francisco	83,876	2.9	14.4	14.4
3	Miami	39,371	1.9	10.3	10.1
4	Austin	32,700	4.9	18.6	9.0
5	Los Angeles	173,369	1.9	12.2	9.0
6	Phoenix	67,370	5.8	13.7	9.0
7	Fort Worth	24,130	2.2	13.7	8.8
8	New York	428,973	1.9	8.3	8.7
9	Orange County	64,886	-0.1	7.2	8.5
10	Houston	137,963	4.6	17.9	8.1
11	Seattle	77,240	3.6	12.9	7.6
12	West Palm Beach	23,552	-0.5	9.2	7.3
13	Boston	155,920	3.0	15.1	7.0
14	Oakland	50,079	0.0	14.2	7.0
15	Washington, DC	267,535	2.2	9.4	7.0

Source: Torto Wheaton Research, Office Outlook XL, Winter 2008



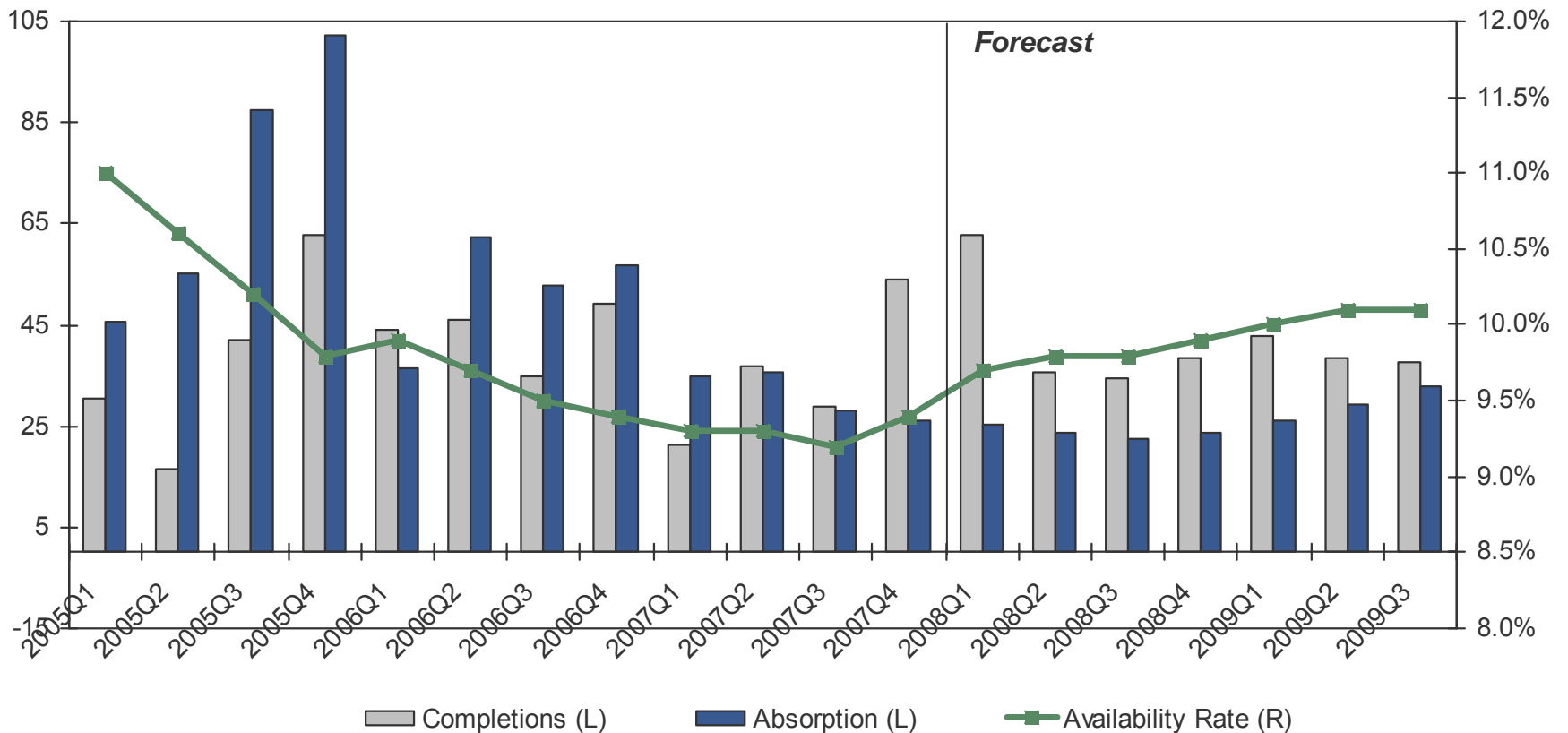
# A Brief Look At Industrial

A Solid Year: Who Ever Said That A Weak  
Dollar Was Bad?

# State of the Industrial Market

Absorption/Completions (thousands s.f.)

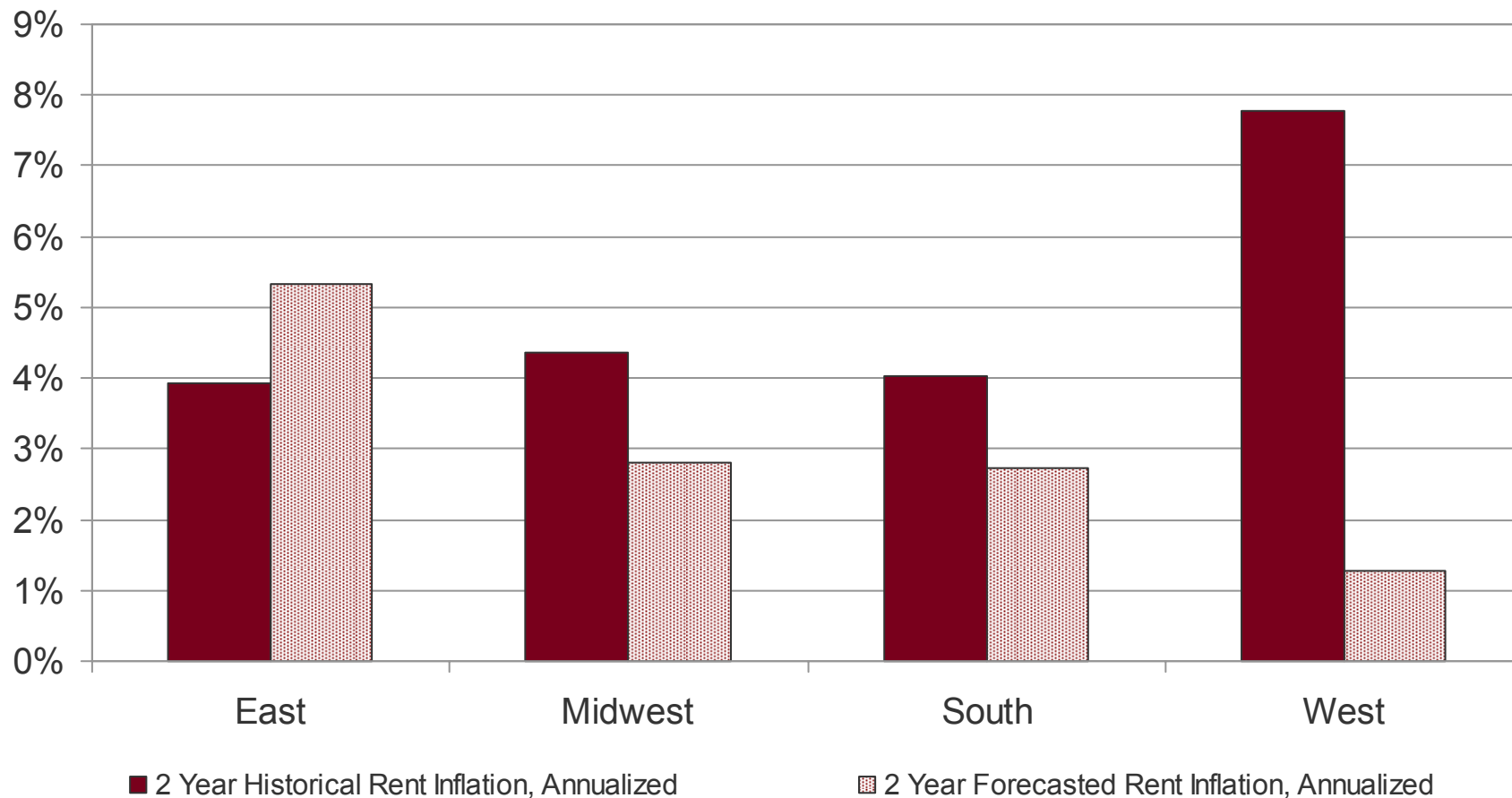
Availability Rate, %



Source: Torto Wheaton Research, Outlook XL Winter 2008

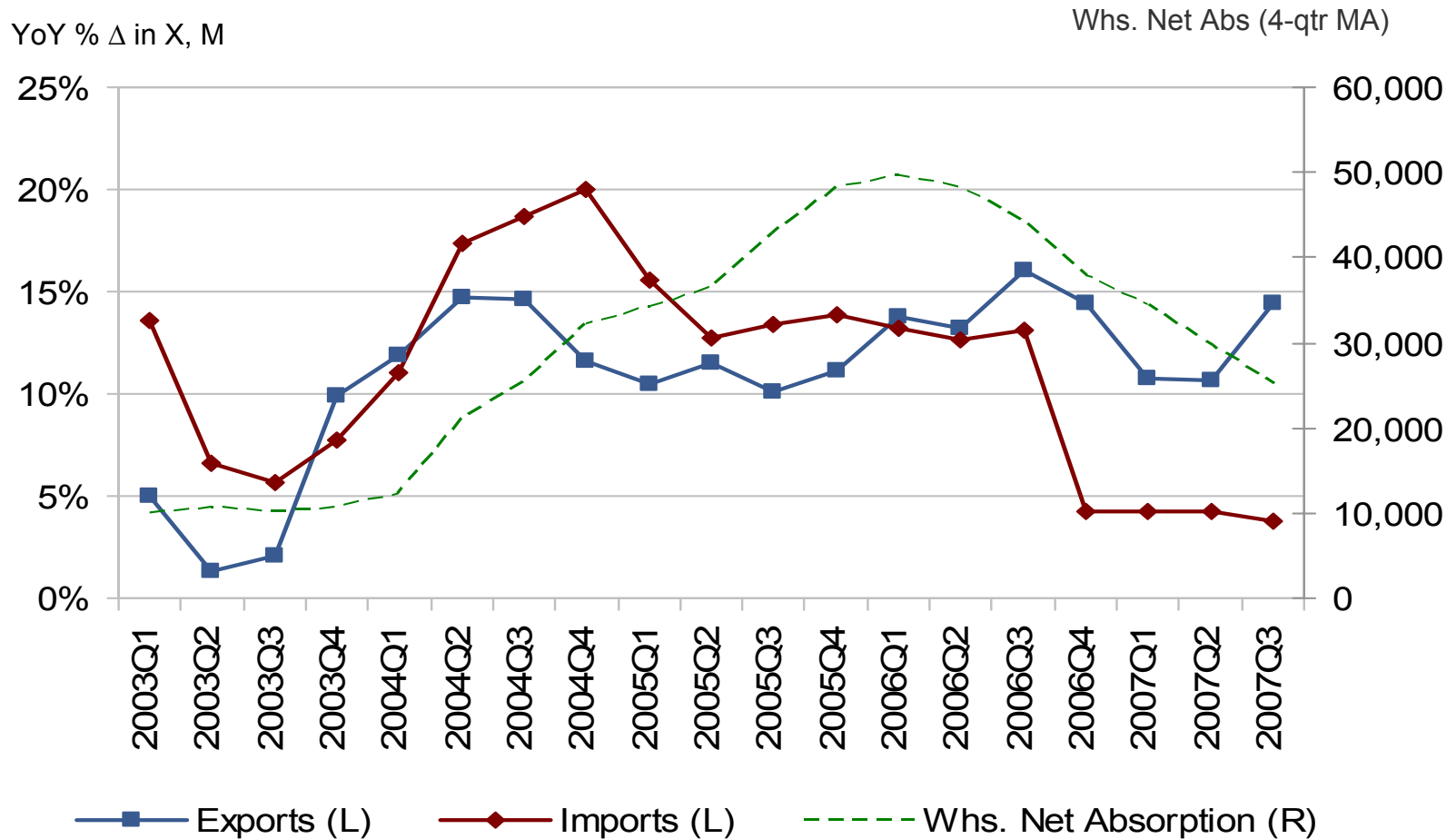
# What's Up (or Down) with Regional Distribution Markets?

TW Warehouse Rent Index Growth (%)



Source: TWR Industrial Outlook XL, Winter 2008

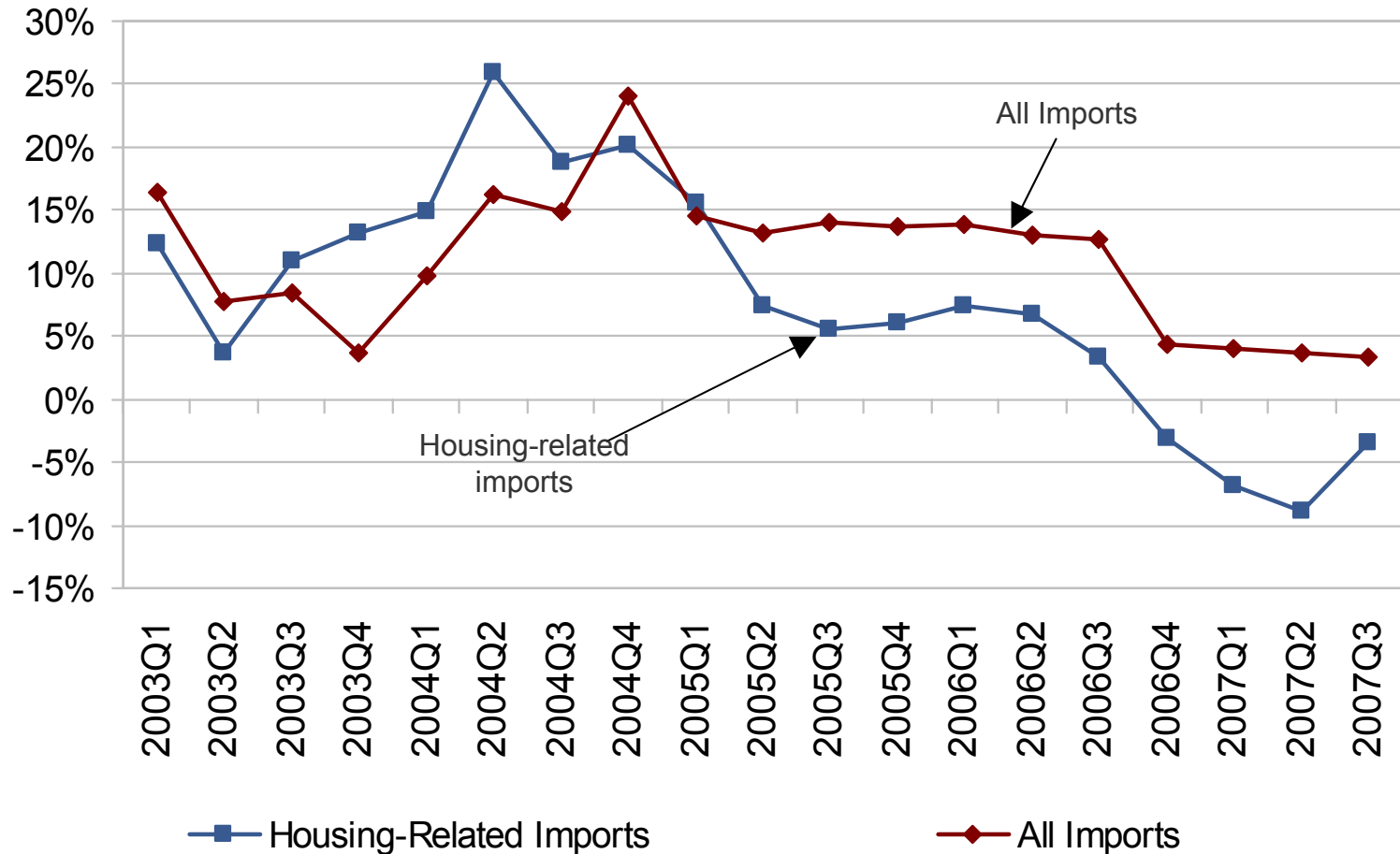
# Declining Warehouse Demand Linked to Lower Import Growth



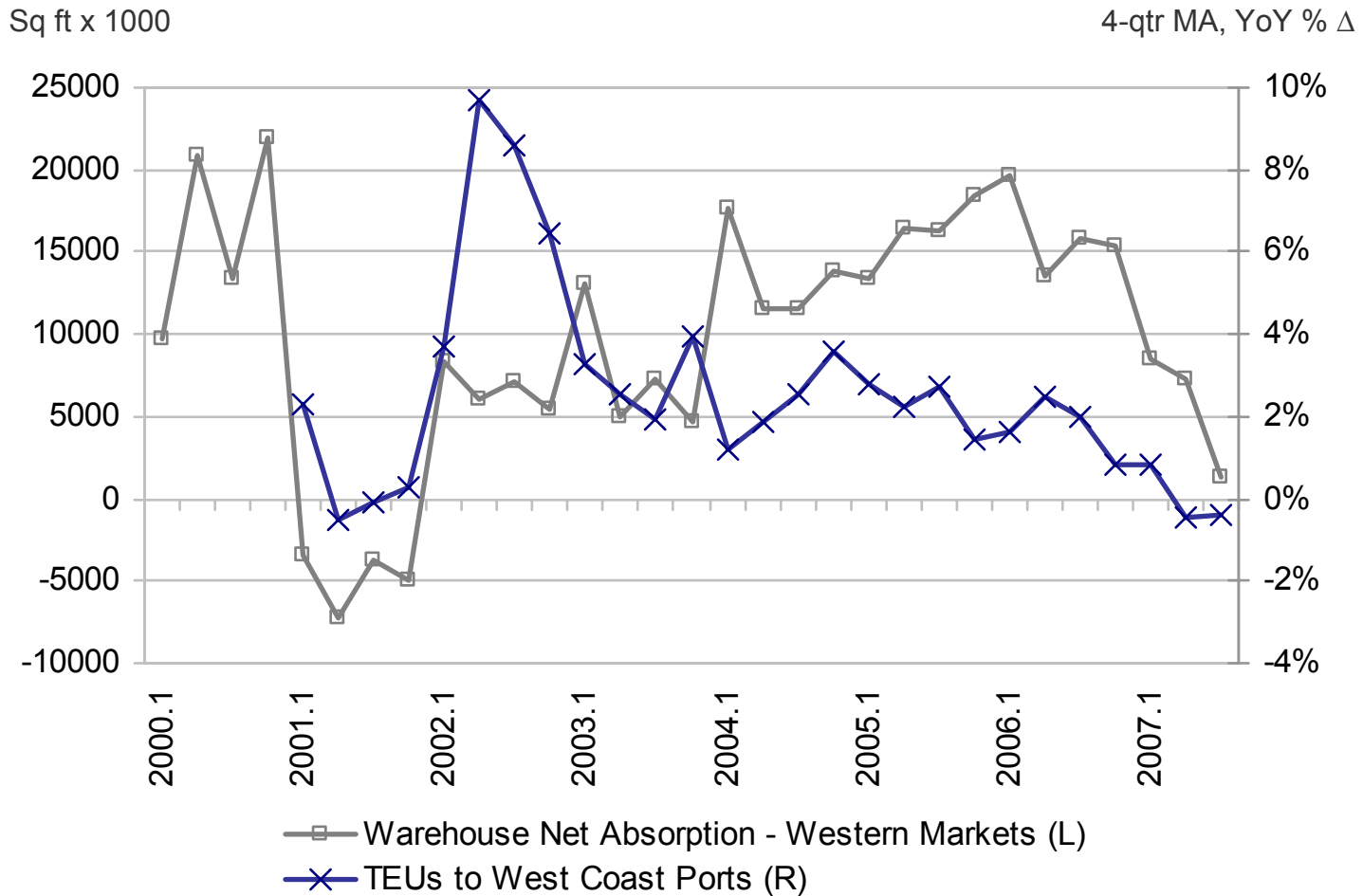
Sources: TWR Industrial Outlook XL, Winter 2008; BOC

# Not Surprisingly, Housing-related Imports Are a Factor

YoY % Δ in \$ Volume of Imports



# West Coast Container Traffic & Warehouse Demand Falling



Sources: TWR Industrial Outlook XL, Winter 2008; AAPA



## Top Performing Industrial Markets Based on 2-Year Historical Rent Growth

Rank	Market	Current (SF x 1000)	Net Absorption %	Availability %	Rent Growth
1	Orange County	285,889	0.8	6.3	5.9
2	Ventura	62,663	0.4	6.7	2.4
3	San Diego	188,629	1.4	9.0	3.1
4	Los Angeles	901,471	0.7	4.8	0.6
5	Ann Arbor	22,063	-2.9	14.6	0.3
6	Seattle	275,318	2.6	7.7	6.5
7	Fort Lauderdale	109,362	1.3	6.8	3.5
8	Las Vegas	82,167	5.8	6.8	8.3
9	San Francisco	99,137	1.7	7.3	10.0
10	Washington, DC	184,683	1.3	10.6	4.1
11	Stamford	53,627	0.1	12.3	-0.2
12	New ark	210,311	0.8	7.8	5.0
13	Miami	215,170	0.9	6.6	11.6
14	Orlando	145,715	2.1	7.3	14.0
15	West Palm Beach	48,573	0.0	5.5	5.5

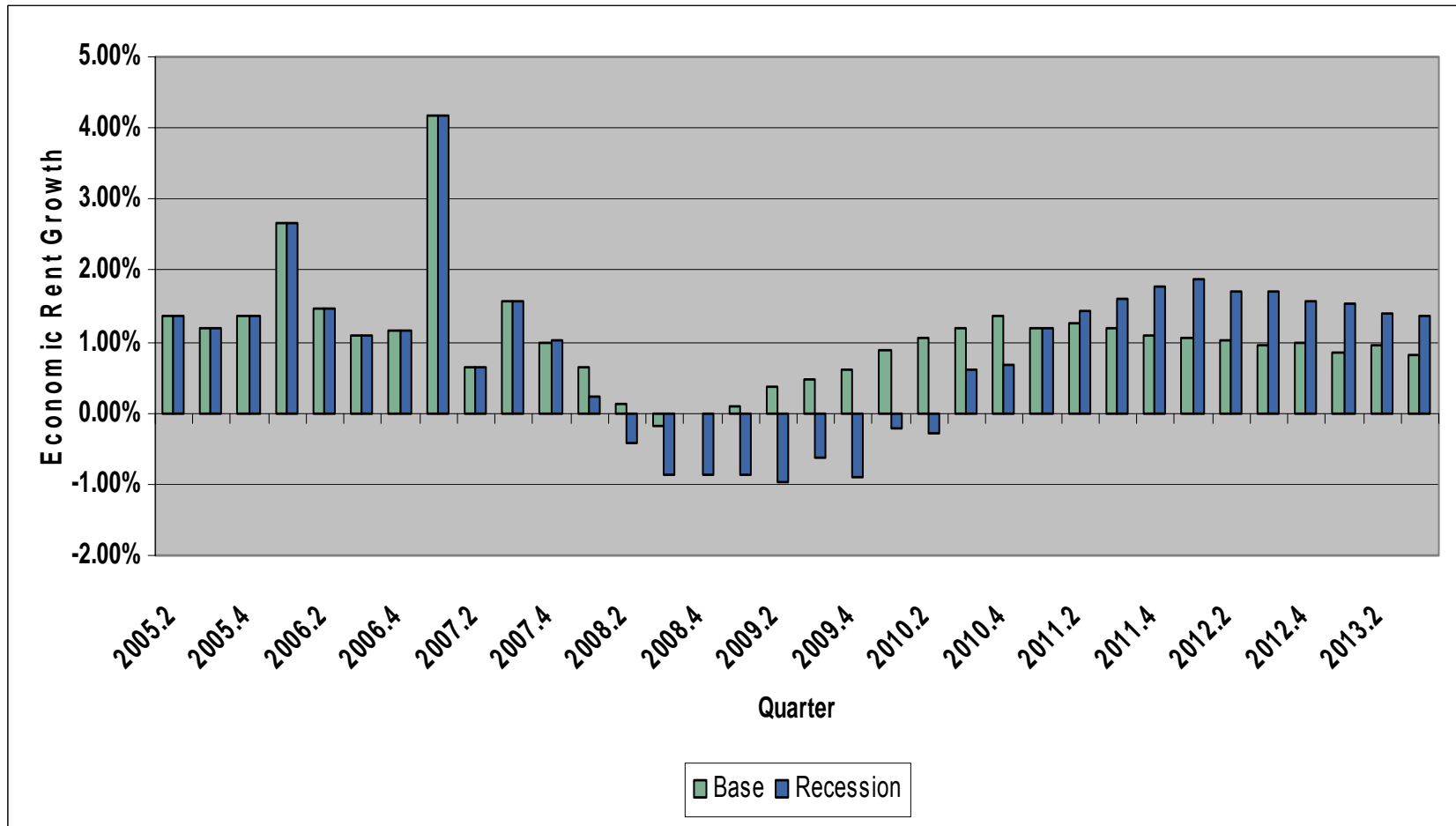
*Source: Torto Wheaton Research, Industrial Outlook XL, Winter 2008*



# So What's The Worst That Could Happen???



# Recession Impact on Economic Rent Growth – Office Sector





# Office Markets That Sustain Favorable Growth to Price Relationships During A Recession..

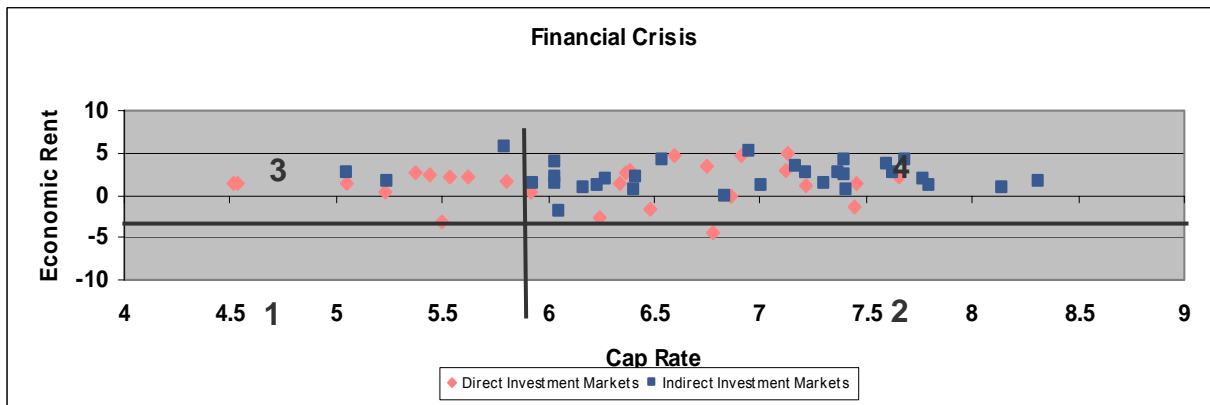
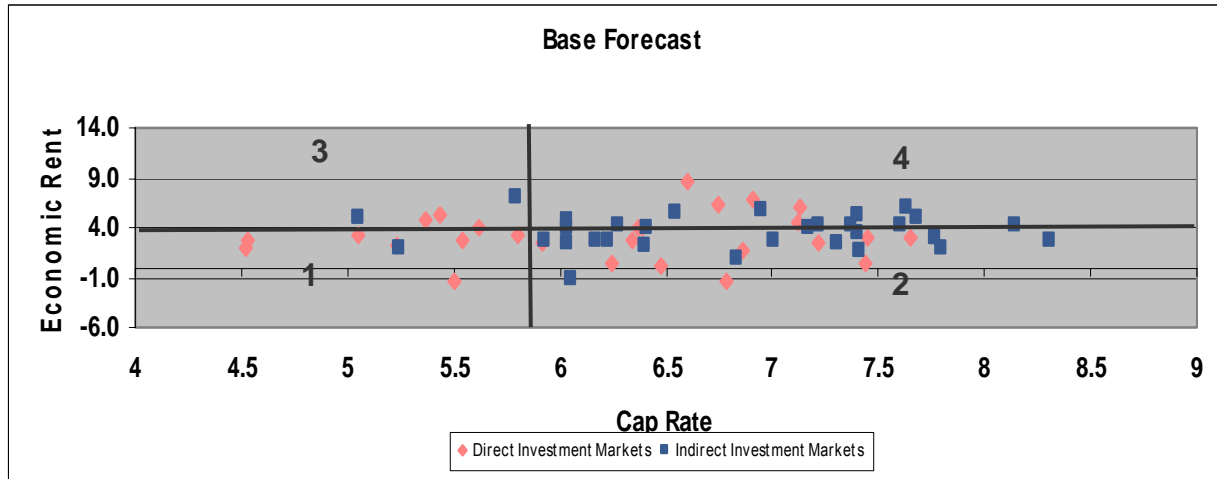
## “Quadrant 4” Recession Survivors

### Direct Investment Markets

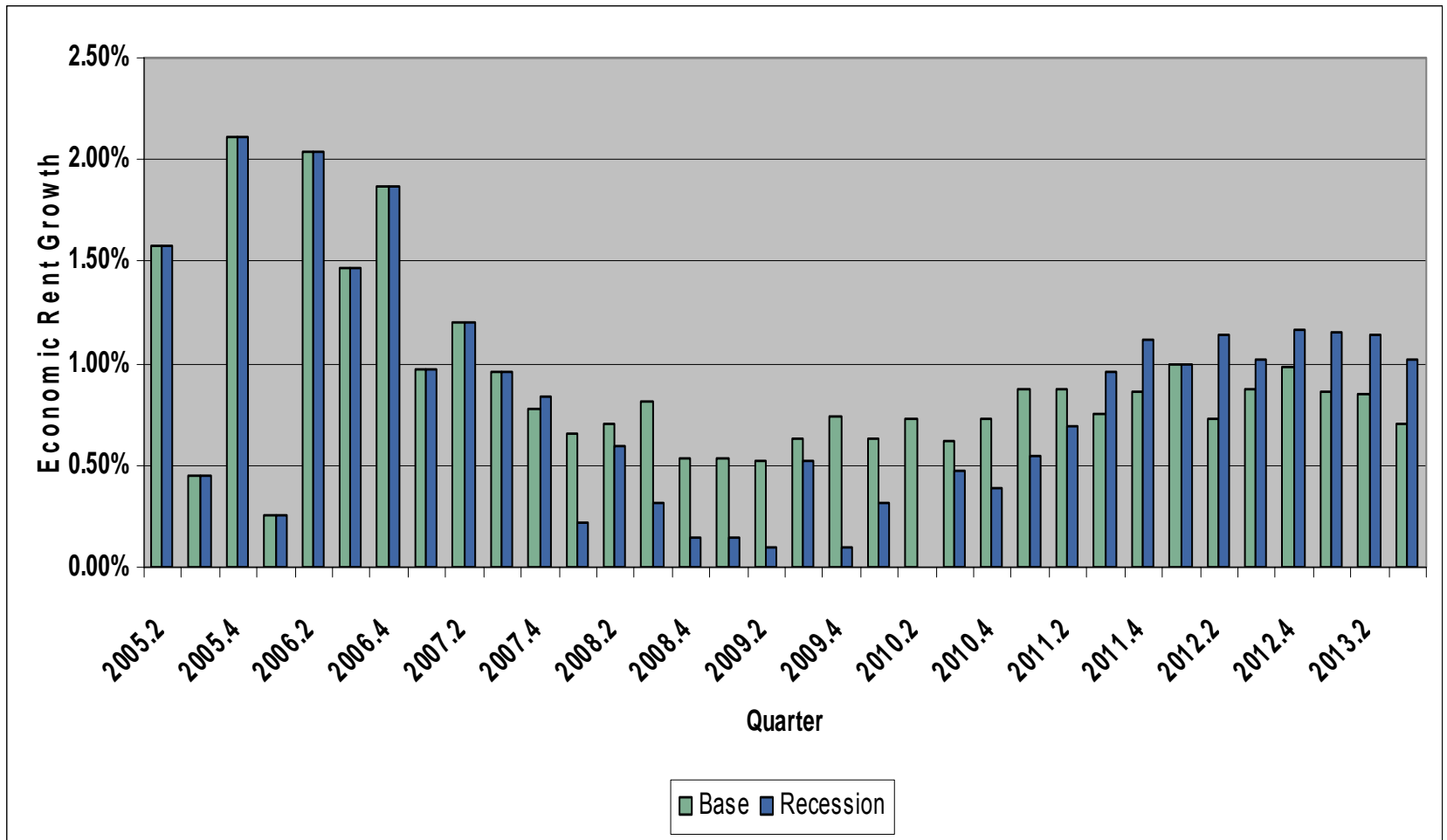
- Portland
- Chicago
- Dallas
- Minneapolis
- St. Louis
- Philadelphia
- Pittsburgh
- Sacramento

### Indirect Investment Markets

- Fort Worth
- San Jose
- West Palm Beach
- Fort Lauderdale
- San Antonio
- Hartford
- Cleveland
- Salt Lake City
- Jacksonville
- Memphis
- Orlando
- Long Island
- Edison
- Indianapolis
- Tucson
- Nashville

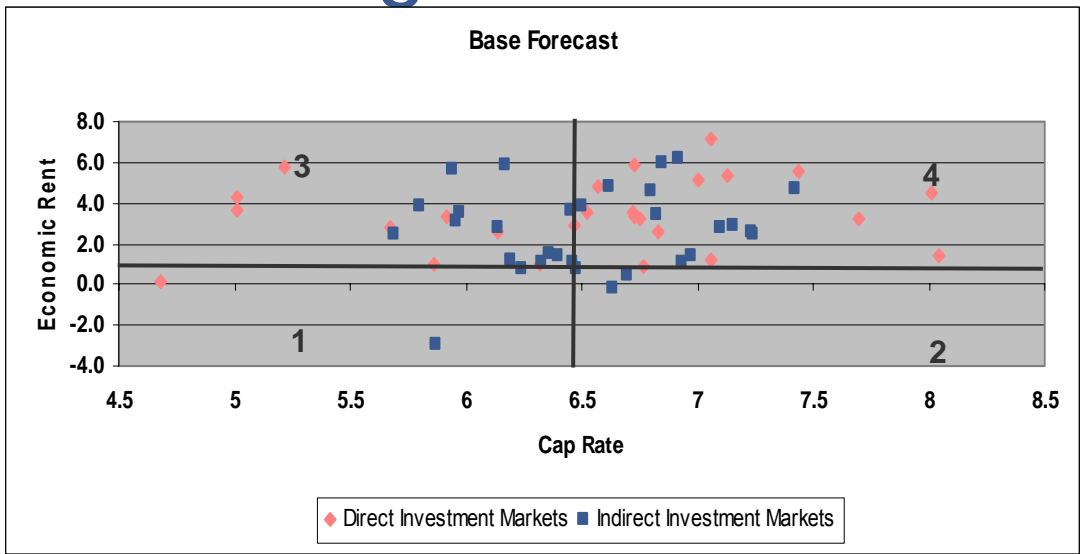


# Recession Impact on Economic Rent Growth – Industrial Sector





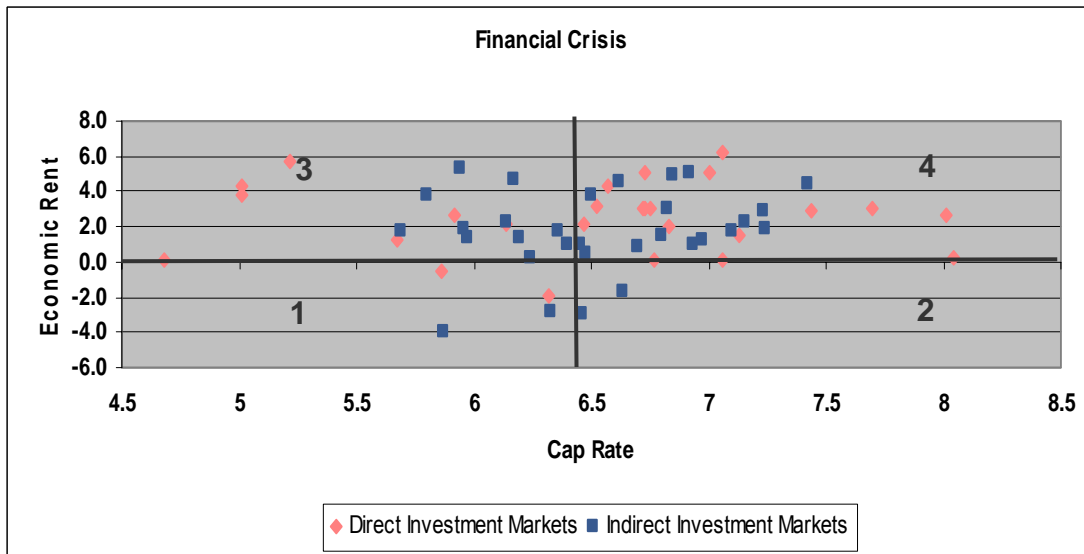
# Industrial Markets That Sustain Favorable Growth to Price Relationships During A Recession..



*“Quadrant 4” Recession Survivors*

Direct Investment Markets

- Houston*
- Atlanta*
- Cincinnati*
- San Jose*
- Cleveland*
- Columbus*
- Edison*
- Minneapolis*
- Oakland*
- Fort Worth*
- Indianapolis*
- Philadelphia*



Indirect Investment Markets

- Newark*
- Austin*
- Albuquerque*
- Memphis*
- Baltimore*
- Stamford*
- Hartford*
- Pittsburgh*



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