

# **APARTMENT TRENDS**

### A National Multifamily Market Overview

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### Marcus & Millichap

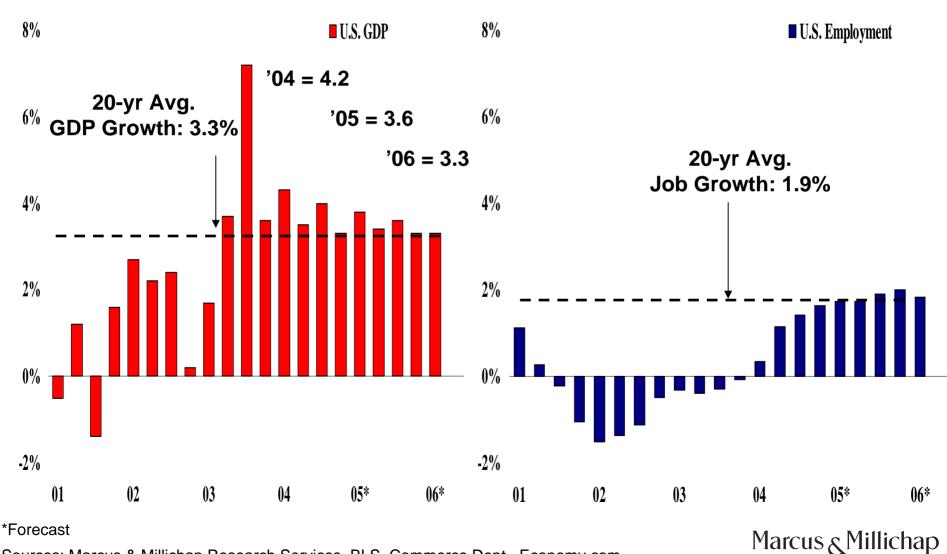
NATIONAL MULTI HOUSING GROUP

## **U.S. Apartment Market Outlook**

## 2006 Economic, Demographic Drivers and Apartment Market Performance

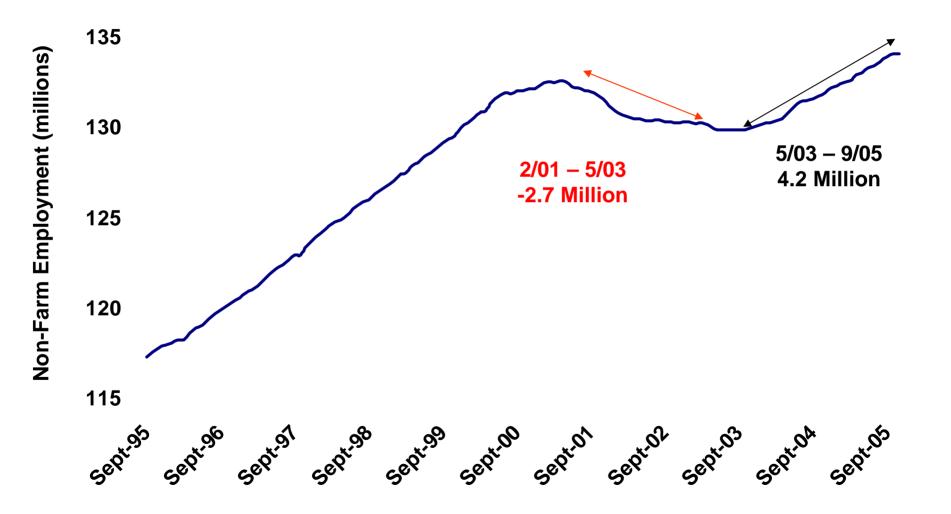


### Economic Conditions Still Favorable: GDP & Job Growth In-Line with Long-Term Trend



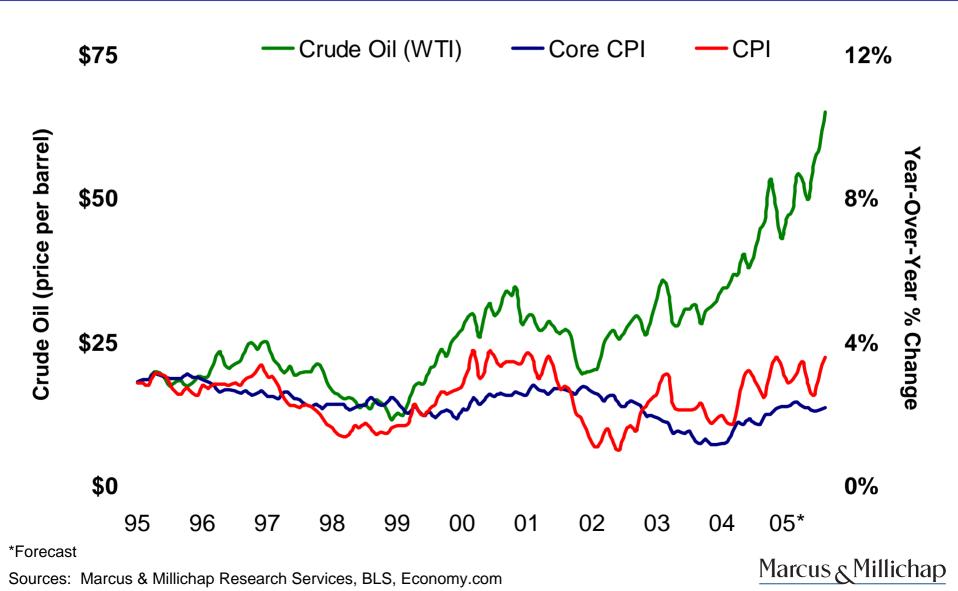
Sources: Marcus & Millichap Research Services, BLS, Commerce Dept., Economy.com

### **U.S. Employment Well Beyond Recovery**

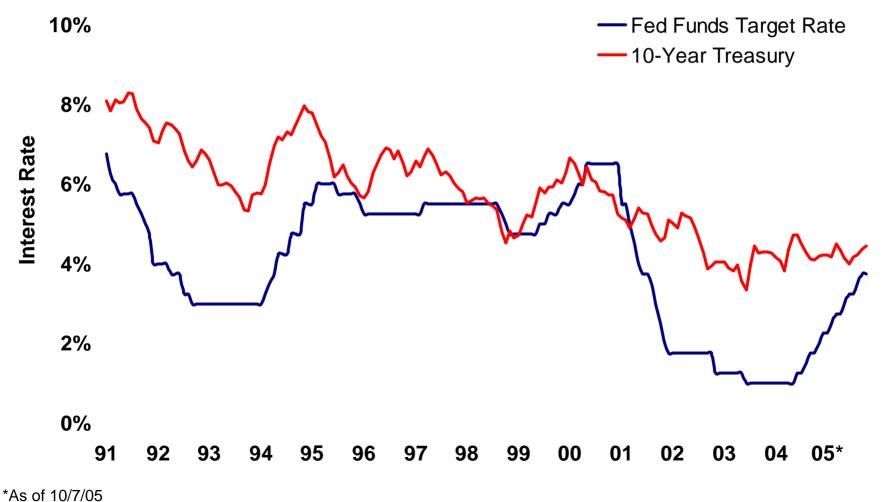


Sources: Marcus & Millichap Research Services, BLS, Economy.com

### Record Oil Prices a Natural Break (For Now) Inflation Pressures Building Gradually

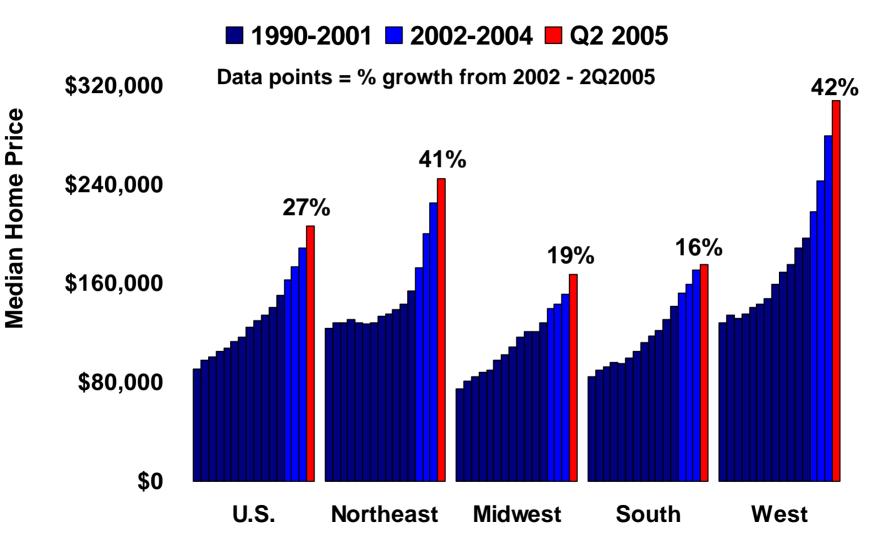


## Short-Term Rate Increases to Continue, Long-Term Rates On Gradual Upswing



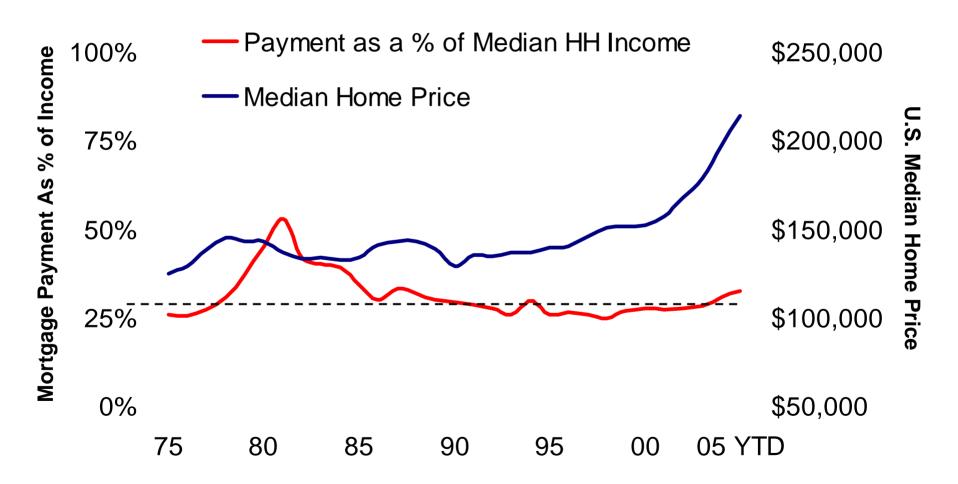
Sources: Marcus & Millichap Research Services, BLS, Economy.com, Federal Reserve

## U.S. Median Home Prices Existing Single-Family Homes



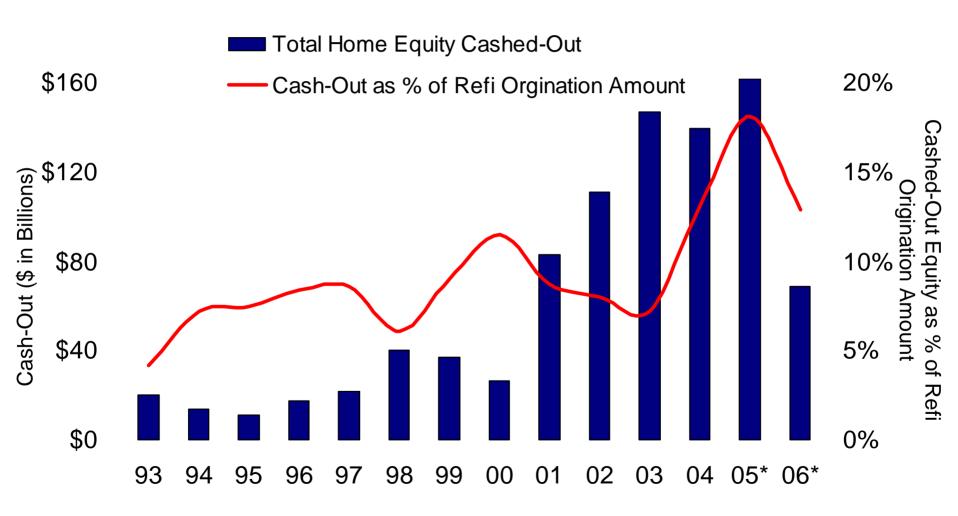
Sources: Marcus & Millichap Research Services, Economy.com, National Association of Realtors

## Unprecedented Home Price Appreciation Fueled by Moderate Rise In House Payments



Sources: Marcus & Millichap Research Services, Economy.com Federal Reserve Board

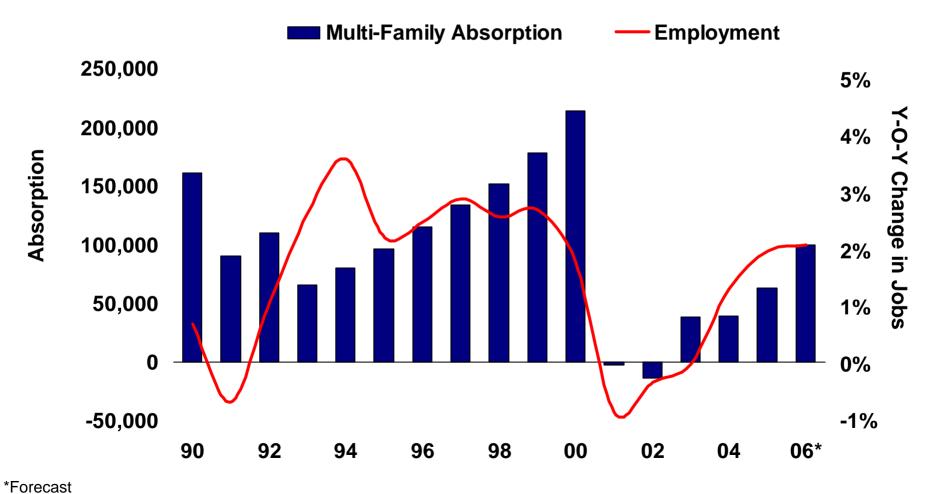
### **Cash-Out Refinancing Volume**



\*Estimate \*\* Forecast

Sources: Marcus & Millichap Research Services, Economy.com, Freddie Mac

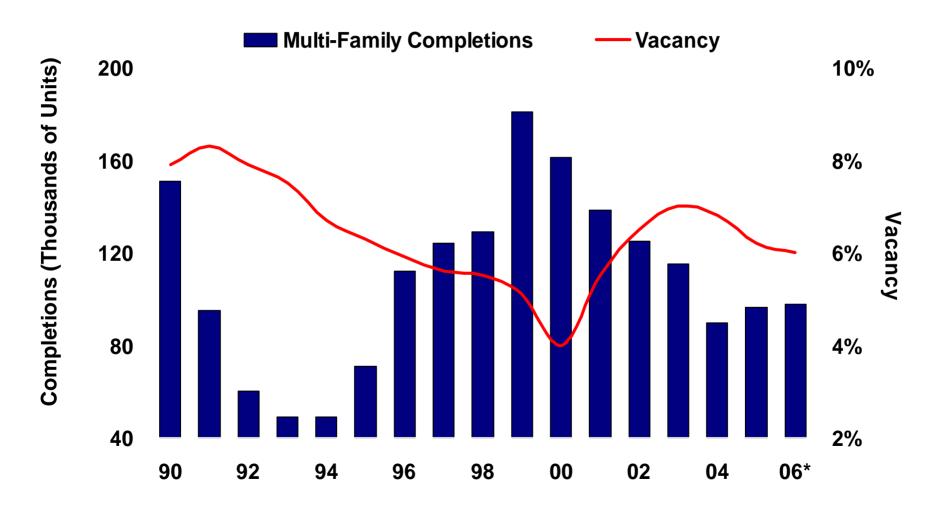
## U.S. Job Growth Will Generate Renter Demand



Sources: Marcus & Millichap Research Services, Economy.com, Reis

Marcus & Millichap

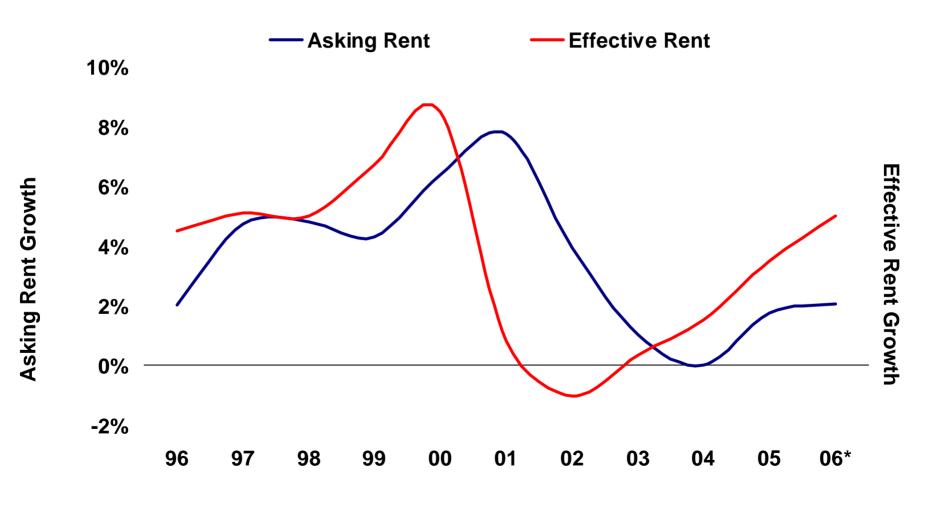
## U.S. Vacancy Cycle Recovery Well Entrenched



\*Forecast

Sources: Marcus & Millichap Research Services, Reis, U.S. Census Bureau

## **Average Asking and Effective Rent Growth**

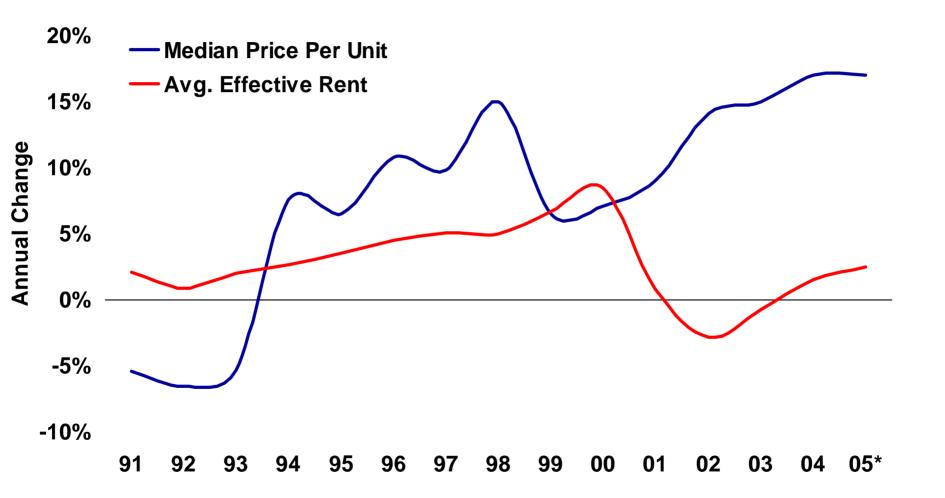


\*Forecast

Sources: Marcus & Millichap Research Services, Reis

Marcus Millichap

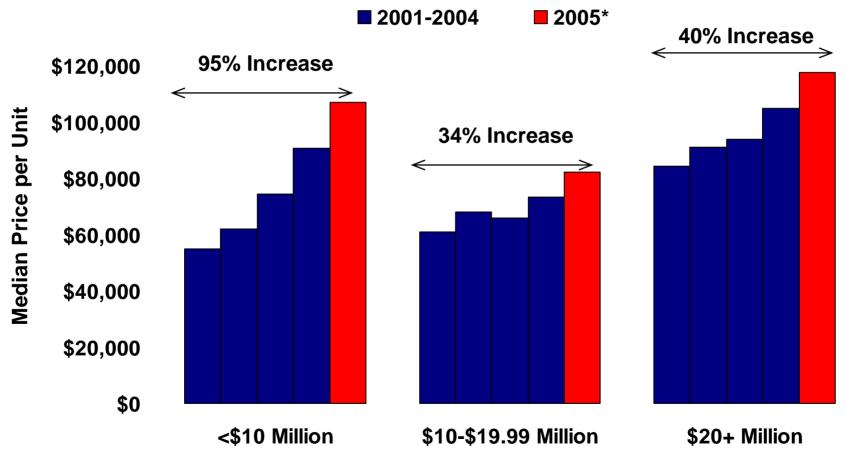
### Apartment Fundamentals Slowly Catching Up To Capital Market Driven Pricing



\*First half sales activity for sales of \$500,000 and above nationally

Sources: Marcus & Millichap Research Services; CoStar Group, Inc., Reis

### Apartment Price Appreciation Trends By Price Category



\*YTD Estimate

Sources: Marcus & Millichap Research Services, CoStar Group, Inc

# Top 10 U.S. Apartment Markets By Vacancy Rate 2006 Forecast

	2005*	2006*	Bps Change
Orange County	3.5%	3.2%	-30
Los Angeles	3.4%	3.2%	-20
Las Vegas	3.7%	3.3%	-40
San Diego	3.5%	3.3%	-20
Ft. Lauderdale	3.7%	3.4%	-30
New York	3.7%	3.6%	-10
Miami	4.0%	3.9%	-10
Riverside/San Bernardino	4.3%	4.0%	-30
Philadelphia	4.3%	4.1%	-20
Northern New Jersey	4.4%	4.5%	10
U.S. Average	6.3%	5.9%	-40

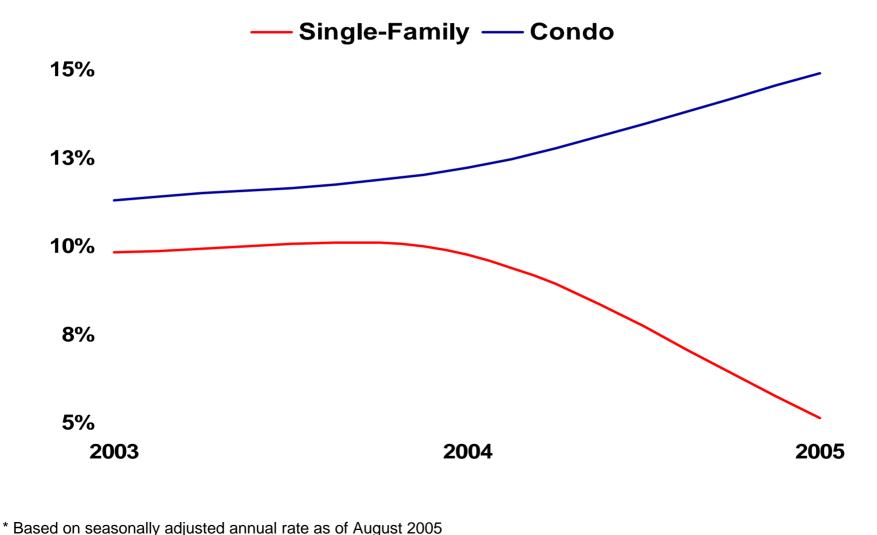
\*Forecast Sources: Marcus & Millichap Research Services, Reis

# Bottom 10 U.S. Apartment Markets By Vacancy Rate 2006 Forecast

	2005*	2006*	Bps Change
San Antonio	9.0%	8.6%	-40
Columbus	8.9%	8.6%	-30
Cincinnati	9.0%	8.9%	-10
Charlotte	9.7%	9.0%	-70
Milwaukee	9.2%	9.0%	-20
Austin	9.5%	9.2%	-30
Atlanta	9.5%	9.4%	-10
Indianapolis	9.9%	9.7%	-20
Dallas/Fort Worth	11.0%	10.3%	-70
Houston	13.3%	11.3%	-200
U.S. Average	6.3%	<b>5.9%</b>	-40

\*Forecast Sources: Marcus & Millichap Research Services, Reis

### U.S. Housing Sales Activity Percent Change in Number of Transactions



Sources: Marcus & Millichap Research Services, National Association of Realtors

## Developers/Converters Drawn by Strong Appreciation

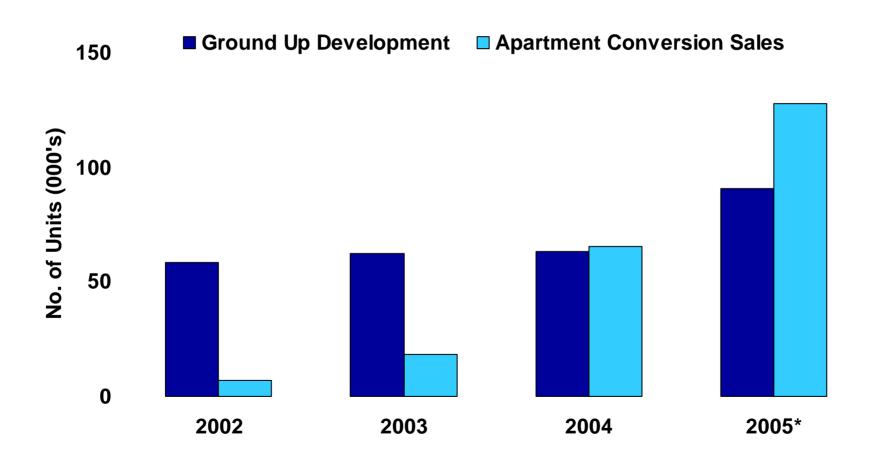
### Median Price Growth 2002 – 2005 YTD\*

<u>Region</u>	Single-Family	<u>Condo</u>	<u>Spread</u>
South	25.5%	82.1%	56.6%
United States	32.5%	56.3%	23.8%
Northeast	53.5%	69.7%	16.2%
West	44.2%	58.9%	14.7%
Midwest	23.2%	26.0%	2.9%

Data as of August 2005

Sources: Marcus & Millichap Research Services, National Association of Realtors

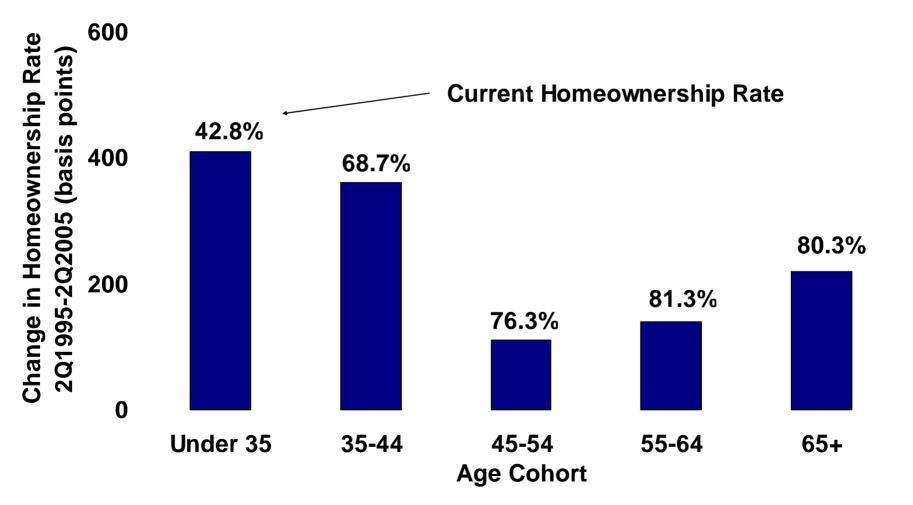
## **Growth in U.S. Condominium Market**



\* YE estimate

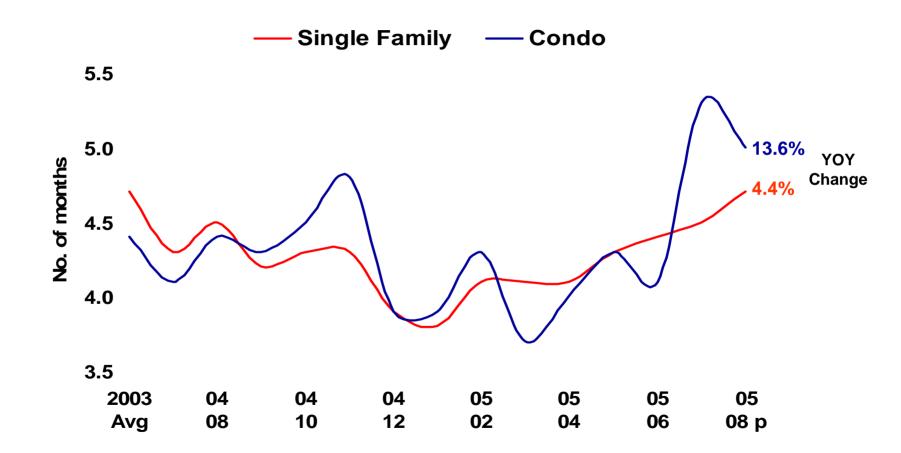
Sources: Marcus & Millichap Research Services, Real Capital Analytics, Torto Wheaton Research

## Youngest Cohorts Have Experienced the Largest Ownership Increase



Sources: Marcus & Millichap Research Services, Economy.com

### U.S. Housing Market Months of Available Supply



\* preliminary

Marcus & Millichap

Sources: Marcus & Millichap Research Services, National Association of Realtors

## Growth in U.S. Condominium Market Most Active MSAs in 2005

#### **Ground Up Development**

MSA # of % change MSA YTD 2004 Units\* from 2004 2005\* Total Miami/Ft. Lauderdale 162% Miami/Ft. Lauderdale 16,189 17,200 16,818 10,513 Atlanta 7.886 259% Orlando 4.406 Chicago 7,141 74% Tampa 9.264 2,356 27% Phoenix Washington, D.C. 8.594 1.200 5,048 177% Minneapolis/St. Paul 4,699 Washington, D.C. 6.744 4,417 **Riverside/S. Bernardino** 4,582 1.554% West Palm Beach 5,254 2,556 55% Los Angeles 4,484 Chicago 4.964 1.333 Denver 3.984 108% Las Vegas 4.491 6,823 Tampa-St. Petersburg 3.815 130% San Diego 4.255 7.741 102% **NYC-Manhattan** 3,911 1.800 San Diego 3,582

\*Year end estimate

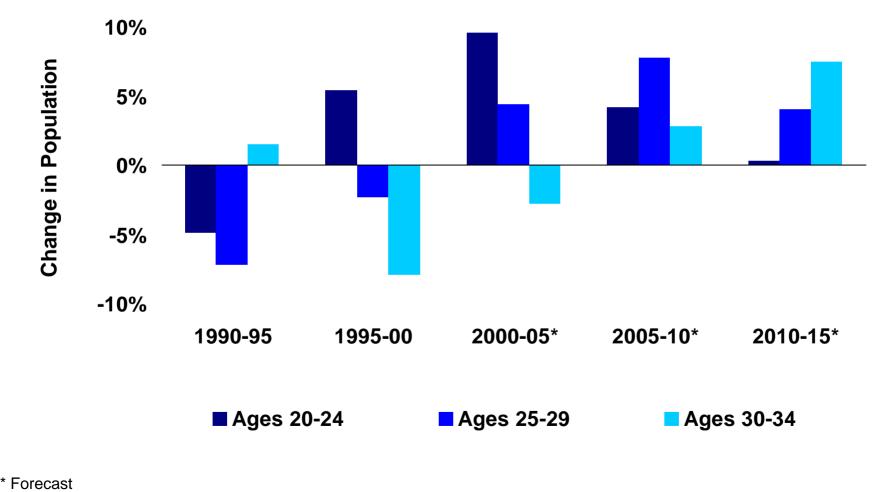
\*YTD through September

#### Sources: Marcus & Millichap Research Services, Real Capital Analytics, Torto Wheaton Research

### Marcus & Millichap

#### **Apartment Conversion Sales**

## **U.S. Renter Demographics Turning Positive**



Sources: Marcus & Millichap Research Services, Economy.com

## 2006 Economic, Apartment Market Outlook

Recovery of Renter Demand on Solid Ground:

- Employment Growth Spurring Household Formation
- Housing Market Cooling, Price Premium, Consumer Squeeze Favors Rentals
- Favorable Demographic Shift in Full Swing
- Capital Markets Tightening Moderately, Macro Trend Still Favorable for Apartments
- Capital Rotation Among Markets, Class of Asset a Major Consider for Reshaping Portfolio, Increasing ROE
- Risks: Higher-Than Expected Inflation Build-Up in Late '06-'07, Capital Market Shock (CMBS, Debt Availability)



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