

## Mega Themes

Time to Over Weight in Real Estate

Residential Renting vs. Owning

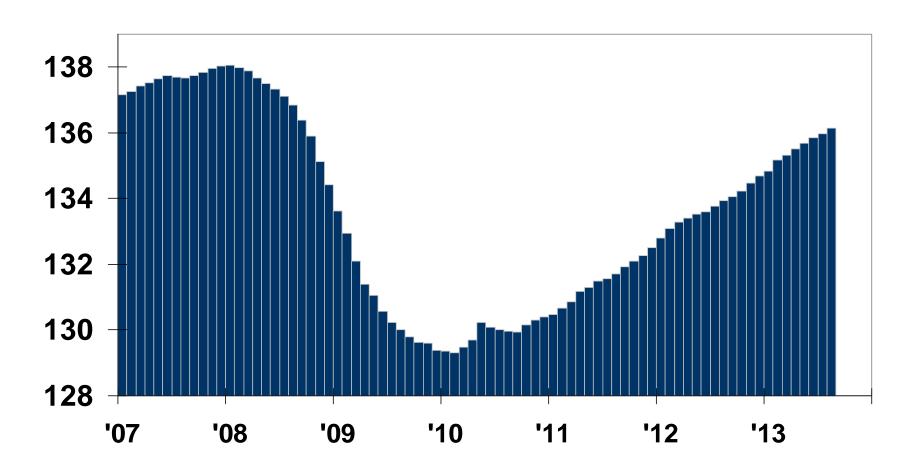
Fiscal Cliff 2.0 – DEBT CEILING

 Massive Uncertainty from Washington, DC..... and Stalemate Once Again From the Election

stewart

## **U.S. Job Numbers**

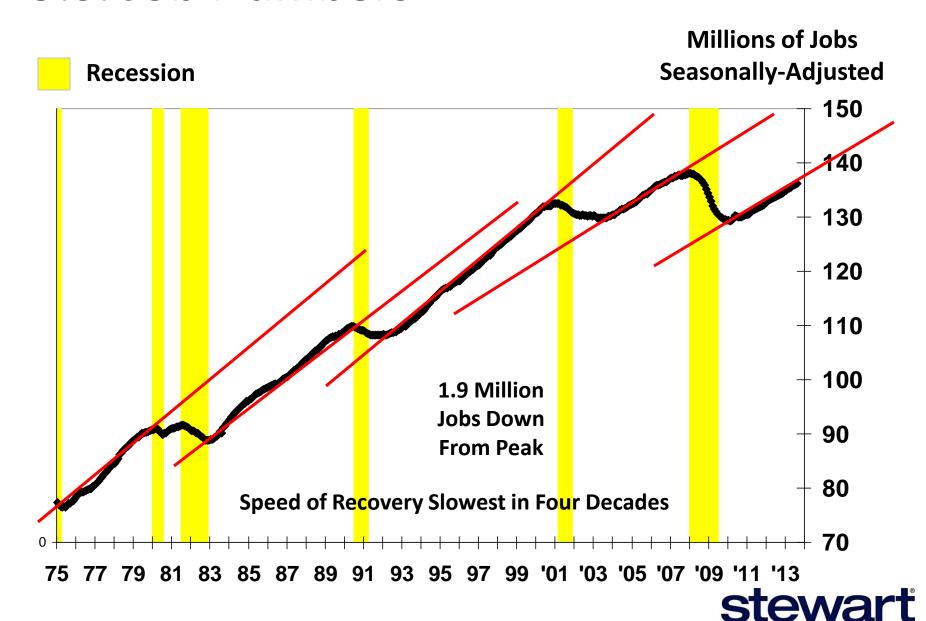
Jobs (Millions) Seasonally Adjusted

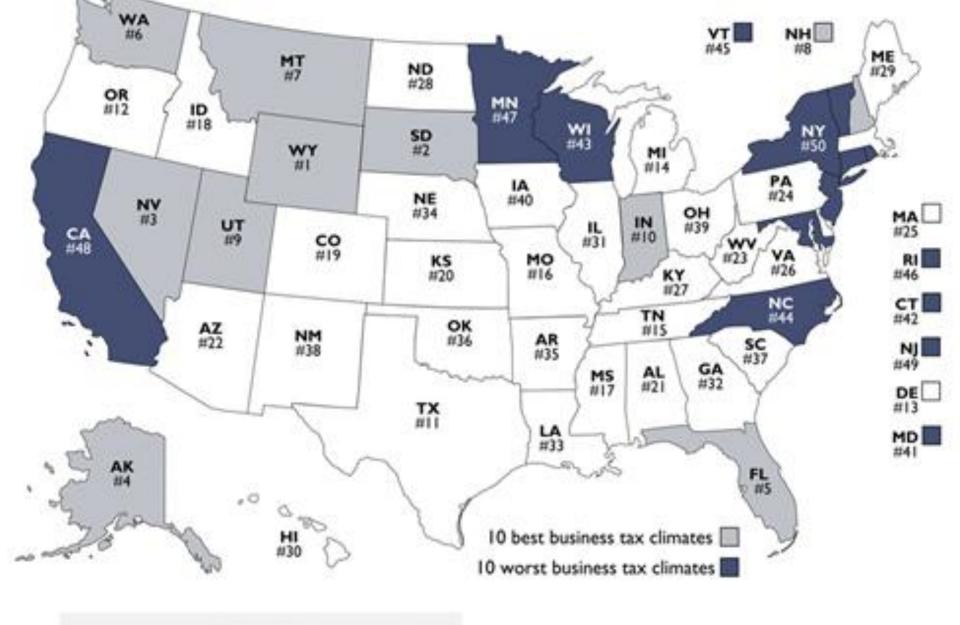






#### **U.S. Job Numbers**





Note: Published October 9, 2013.

Source: State Business Tax Climate Index

taxfoundation.org/maps

Job Growth 12-Months Ending August 2013

|                                    |  | Net   |   |   |
|------------------------------------|--|---|---|---|
|                                    |  | New   | Percent   | Total   |
| Metropolitan Statistical Area      | State(s)   | Jobs  | Change  | Jobs  |
| Winchester                         | VA-WV  | 3,900   | 6.9%  | 60,800  |
| Naples-Marco Island                | Florida  | 6,800   | 5.8%  | 124,100   |
| Lexington-Fayette                  | Kentucky   | 14,000  | 5.5%  | 266,300   |
| Odessa                             | Texas  | 4,000   | 5.5%  | 76,100  |
| Fayetteville-Springdale-Rogers     | Arkansas-MO  | 11,400  | 5.4%  | 221,000   |
| Glens Falls                        | New York   | 2,900   | 5.3%  | 57,900  |
| Lafayette                          | Indiana  | 4,800   | 5.0%  | 100,200   |
| Santa Cruz-Watsonville             | California   | 4,300   | 4.9%  | 92,900  |
| Midland                            | Texas  | 4,000   | 4.8%  | 86,500  |
| Yuba City                          | California   | 1,700   | 4.6%  | 38,500  |
| Coeur d'Alene                      | Idaho  | 2,300   | 4.3%  | 55,700  |
| Havershill-North Andover-Amesbury  | MA-NH  | 3,400   | 4.3%  | 82,400  |
| Sebastian-Vero Beach               | Florida  | 1,900   | 4.3%  | 46,600  |
| BarnstableTown                     | Massachusetts  | 4,100   | 4.2%  | 102,400   |
| Crestview-Fort Walton Beach-Destin | Florida  | 3,200   | 4.1%  | 81,300  |
| Napa                               | California   | 2,500   | 4.0%  | 65,600  |
| Muskegon-Norton Shores             | Michigan   | 2,400   | 3.9%  | 63,900  |
| Tampa-St. Petersburg-Clearwater    | Florida  | 44,500  | 3.9%  | 1,199,300   |
| Dallas-Ft Worth-Arlington          | Texas  | 116,100   | 3.8%  | 3,140,700   |
| Grand Rapids-Wyoming               | Michigan   | 14,700  | 3.8%  | 400,600   |
|                                    | Winchester Naples-Marco Island Lexington-Fayette Odessa Fayetteville-Springdale-Rogers Glens Falls Lafayette Santa Cruz-Watsonville Midland Yuba City Coeur d'Alene Havershill-North Andover-Amesbury Sebastian-Vero Beach BarnstableTown Crestview-Fort Walton Beach-Destin Napa Muskegon-Norton Shores Tampa-St. Petersburg-Clearwater Dallas-Ft Worth-Arlington | Winchester Naples-Marco Island Lexington-Fayette Odessa Fayetteville-Springdale-Rogers Glens Falls Lafayette Lafayette Santa Cruz-Watsonville Midland Yuba City Coeur d'Alene Havershill-North Andover-Amesbury Sebastian-Vero Beach BarnstableTown Crestview-Fort Walton Beach-Destin Napa Muskegon-Norton Shores Tampa-St. Petersburg-Clearwater Dallas-Ft Worth-Arlington  Kentucky  Texas | Metropolitan Statistical AreaState(s)New<br>JobsWinchesterVA-WV3,900Naples-Marco IslandFlorida6,800Lexington-FayetteKentucky14,000OdessaTexas4,000Fayetteville-Springdale-RogersArkansas-MO11,400Glens FallsNew York2,900LafayetteIndiana4,800Santa Cruz-WatsonvilleCalifornia4,300MidlandTexas4,000Yuba CityCalifornia1,700Coeur d'AleneIdaho2,300Havershill-North Andover-AmesburyMA-NH3,400Sebastian-Vero BeachFlorida1,900BarnstableTownMassachusetts4,100Crestview-Fort Walton Beach-DestinFlorida3,200NapaCalifornia2,500Muskegon-Norton ShoresMichigan2,400Tampa-St. Petersburg-ClearwaterFlorida44,500Dallas-Ft Worth-ArlingtonTexas116,100 | Metropolitan Statistical Area         State(s)         New Jobs         Percent Change           Winchester         VA-WV         3,900         6.9%           Naples-Marco Island         Florida         6,800         5.8%           Lexington-Fayette         Kentucky         14,000         5.5%           Odessa         Texas         4,000         5.5%           Fayetteville-Springdale-Rogers         Arkansas-MO         11,400         5.4%           Glens Falls         New York         2,900         5.3%           Lafayette         Indiana         4,800         5.0%           Santa Cruz-Watsonville         California         4,300         4.9%           Midland         Texas         4,000         4.8%           Yuba City         California         1,700         4.6%           Coeur d'Alene         Idaho         2,300         4.3%           Havershill-North Andover-Amesbury         MA-NH         3,400         4.3%           Sebastian-Vero Beach         Florida         1,900         4.3%           BarnstableTown         Massachusetts         4,100         4.2%           Crestview-Fort Walton Beach-Destin         Florida         3,200         4.1%           Napa |

Job Growth 12-Months Ending August 2013

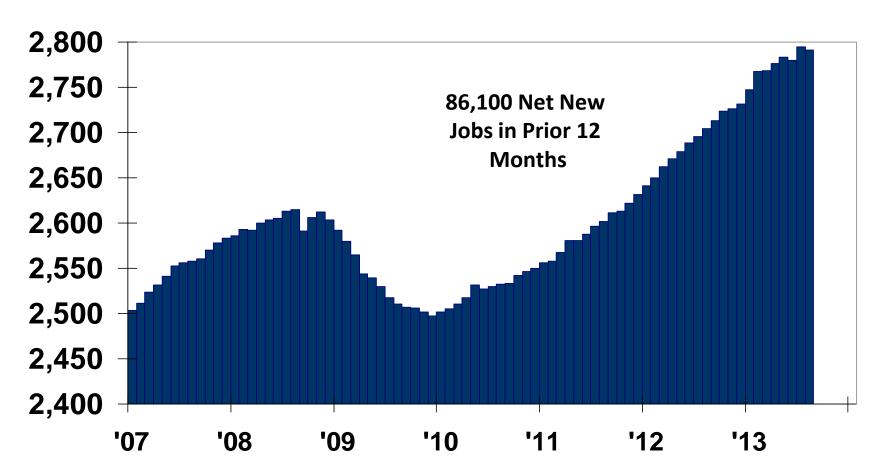
|      |  |                | Net    |         |           |
|------|--|----------------|--------|---------|-----------|
|      |  |                | New    | Percent | Total     |
| Rank | Metropolitan Statistical Area            | State(s)       | Jobs   | Change  | Jobs      |
| 21   | Myrtle Beach-Conway-North Myrtle Beach   | South Carolina | 4,400  | 3.8%    | 120,400   |
| 22   | Nashville-Davidson-Murfreesboro-Franklin | Tennessee      | 29,100 | 3.7%    | 815,500   |
| 23   | Columbus                                 | Indiana        | 1,800  | 3.6%    | 51,300    |
| 24   | Lake Charles                             | Louisiana      | 3,300  | 3.6%    | 94,600    |
| 25   | Spokane                                  | Washington     | 7,400  | 3.6%    | 214,800   |
| 26   | Salt Lake City-Ogden                     | Utah           | 22,900 | 3.6%    | 665,200   |
| 27   | Fargo                                    | ND-MN          | 4,600  | 3.6%    | 133,800   |
| 28   | Provo-Orem                               | Utah           | 6,800  | 3.5%    | 201,200   |
| 29   | Morgantown                               | West Virginia  | 2,300  | 3.4%    | 69,200    |
| 30   | Holland-Grand Haven                      | Michigan       | 3,800  | 3.4%    | 114,400   |
| 31   | Virginia Beach - Norfolk-Newport News    | VA-NC          | 25,500 | 3.4%    | 768,000   |
| 32   | Bethesda-Frederick-Gaithersburg          | Maryland       | 19,000 | 3.3%    | 587,100   |
| 33   | Cheyenne                                 | Wyoming        | 1,500  | 3.3%    | 46,400    |
| 34   | Bismarck                                 | North Dakota   | 2,200  | 3.3%    | 69,200    |
| 35   | Tuscaloosa                               | Alabama        | 3,100  | 3.2%    | 99,100    |
| 36   | Houston-Baytown-Sugar Land               | Texas          | 86,100 | 3.2%    | 2,790,800 |
| 37   | Houma-Bayou Cane-Thibodaux               | Louisiana      | 3,000  | 3.2%    | 97,700    |
| 38   | Lafayette                                | Louisiana      | 4,900  | 3.2%    | 160,200   |
| 39   | Fort Lauderdale-Pompano Beach-Deerfie    | Florida        | 22,500 | 3.1%    | 756,200   |
| 40   | Fort Wayne                               | Indiana        | 6,300  | 3.1%    | 212,100   |

Job Growth 12-Months Ending August 2013

|      |                                    |                | Net     |         |         |
|------|------------------------------------|----------------|---------|---------|---------|
|      |                                    |                | New     | Percent | Total   |
| Rank | Metropolitan Statistical Area      | State(s)       | Jobs    | Change  | Jobs    |
| 388  | Johnson City                       | Tennessee      | (1,100) | -1.4%   | 78,200  |
| 389  | Carson City                        | Nevada         | (400)   | -1.4%   | 27,400  |
| 390  | Salisbury                          | Maryland       | (800)   | -1.5%   | 51,900  |
| 391  | Hot Springs                        | Arkansas       | (600)   | -1.6%   | 37,200  |
| 392  | Peoria                             | Illinois       | (3,000) | -1.6%   | 182,600 |
| 393  | Bloomington-Normal                 | Illinois       | (1,500) | -1.6%   | 89,800  |
| 394  | Pine Bluff                         | Arkansas       | (600)   | -1.7%   | 35,500  |
| 395  | Longview                           | Washington     | (600)   | -1.7%   | 35,300  |
| 396  | Missoula                           | Montana        | (1,000) | -1.8%   | 56,100  |
| 397  | Monroe                             | Michigan       | (700)   | -1.8%   | 38,700  |
| 398  | Gulfport-Biloxi                    | Mississippi    | (2,100) | -2.0%   | 103,600 |
| 399  | Rocky Mount                        | North Carolina | (1,200) | -2.1%   | 55,500  |
| 400  | Bloomington                        | Indiana        | (1,900) | -2.3%   | 79,700  |
| 401  | Steubenville-Weirton               | OH-WV          | (1,100) | -2.5%   | 42,600  |
| 402  | Lake Havasu City-Kingman           | Arizona        | (1,200) | -2.7%   | 44,000  |
| 403  | Panama City-Lynn Haven-Panama City | B Florida      | (2,000) | -2.8%   | 70,700  |
| 404  | Muncie                             | Indiana        | (1,500) | -2.9%   | 50,100  |
| 405  | Decatur                            | Illinois       | (1,700) | -3.3%   | 50,600  |
| 406  | Yuma                               | Arizona        | (1,700) | -3.3%   | 49,800  |
| 407  | Lawrence                           | Kansas         | (2,500) | -4.9%   | 48,800  |
|      |                                    |                |         |         |         |

#### **Houston MSA Jobs**

Jobs (Thousands) Seasonally Adjusted

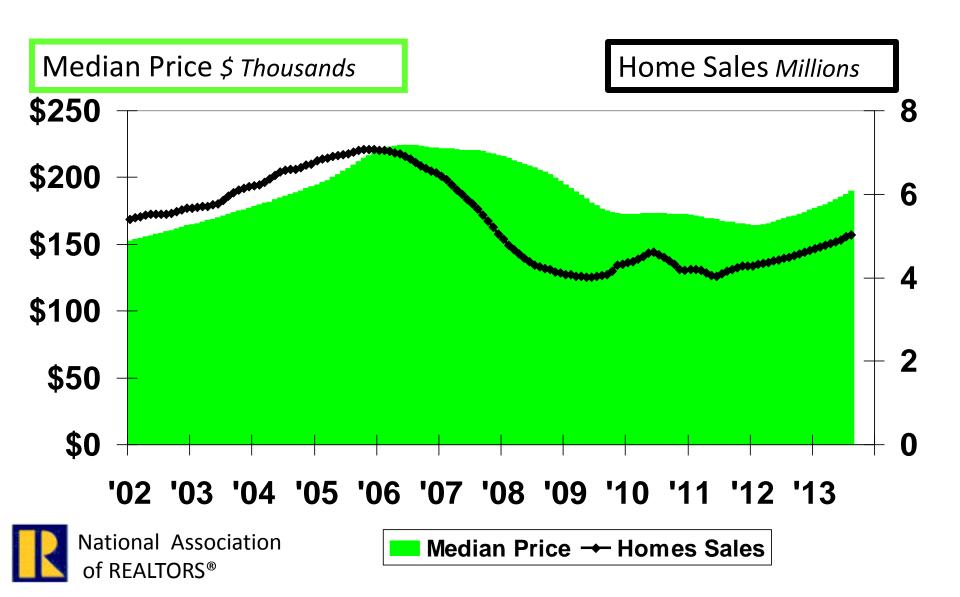




Wherever the Number of Home Sales Trends, Prices Follow In the Next 12 to 24 Months

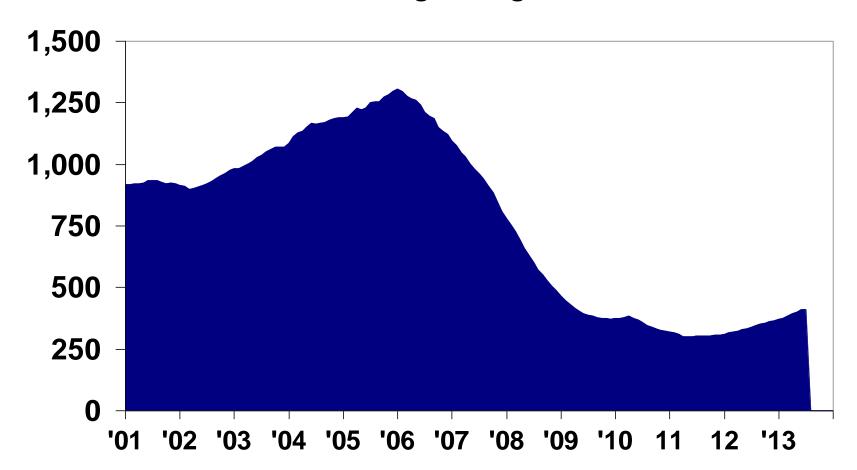
#### **U.S. Existing Home Sales & Median Prices**

12-Month Moving Averages



## **New Home Sales**

Thousands – 12-Month Moving Average

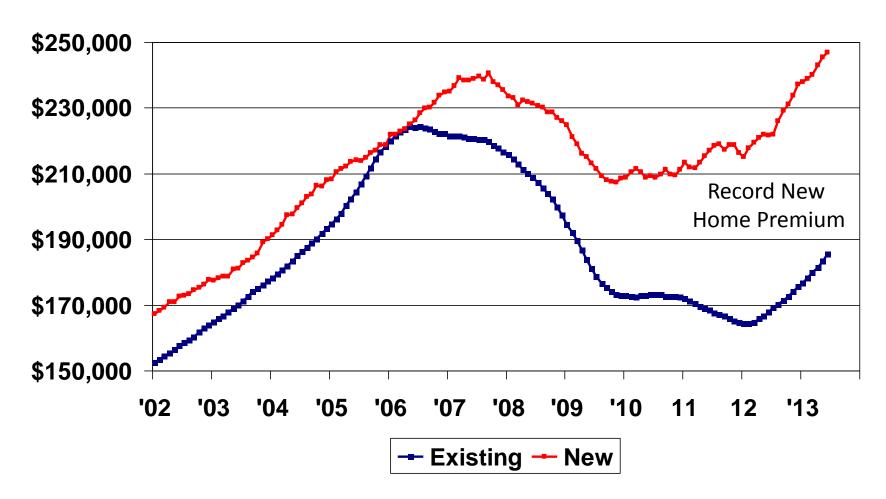






#### Home Prices -New Vs. Existing

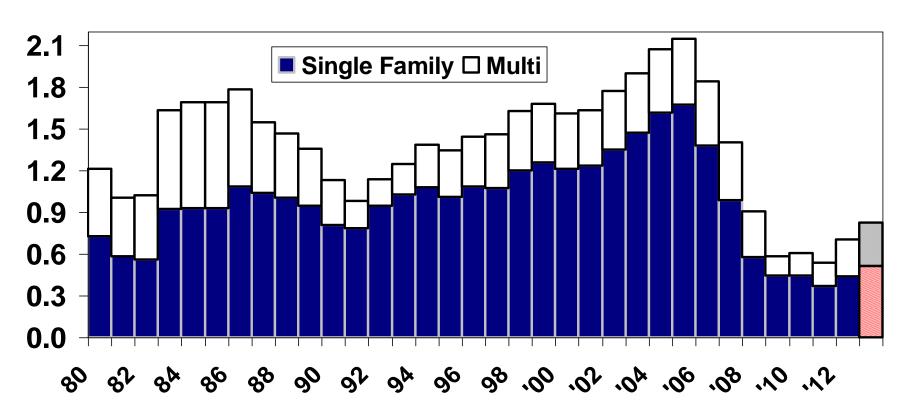
Median Price \$ -- 12 Month Moving Average





## **U.S. Residential Building Permits**

Number of Dwelling Units -- Millions

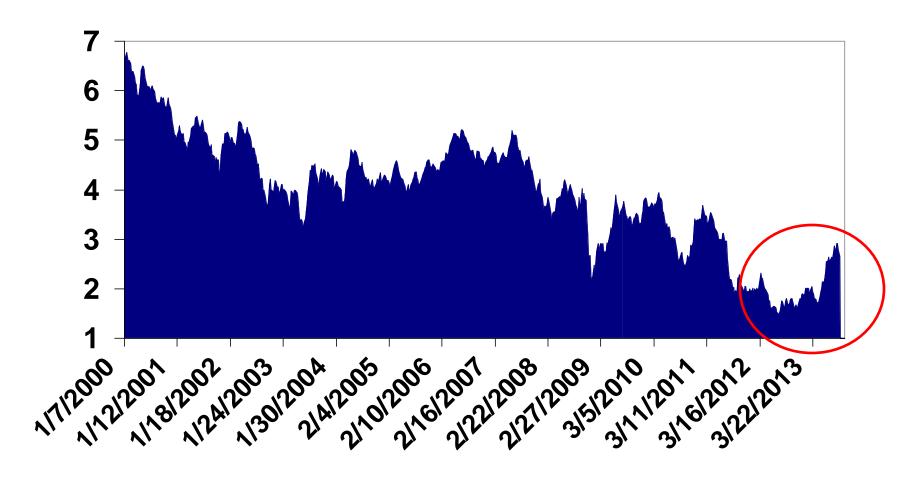


2013 Running at 826 Thousand Units



## **10-Year Constant Maturity Treasury**

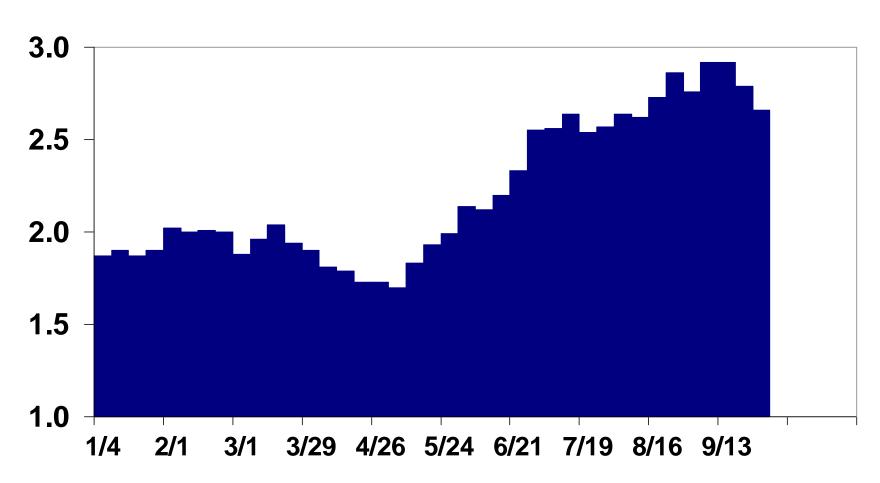
#### **Percent**





## **10-Year Constant Maturity Treasury**

#### **Percent**





## QE3 - Quantitative Easing 3

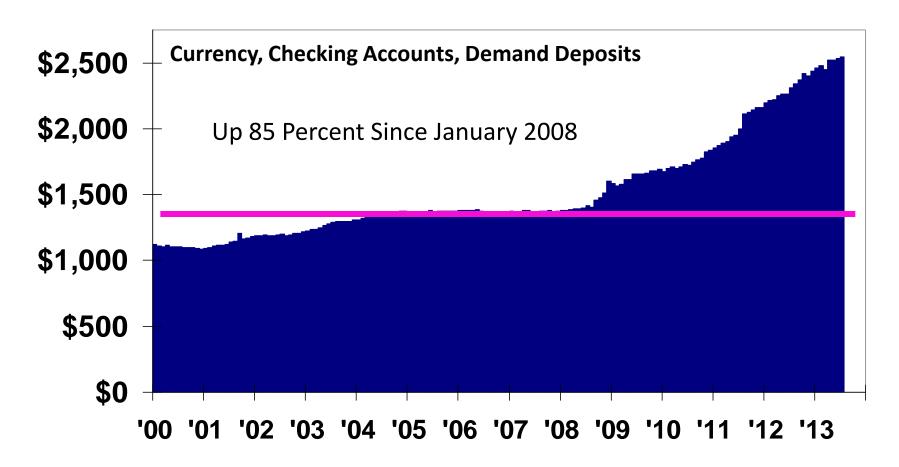
00

**S** 85

i = 1\$85 Billion Per Month Until the Economy Improves

## Money Supply – M1

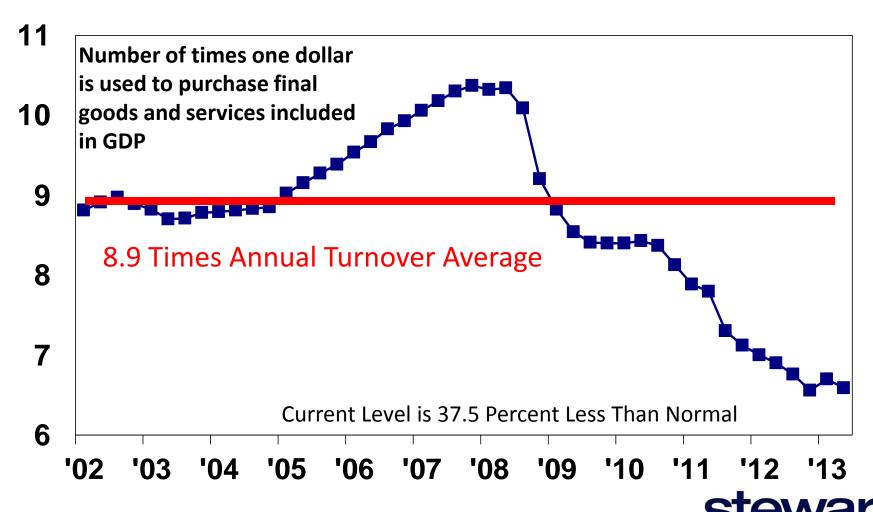
\$ Billions – Seasonally Adjusted





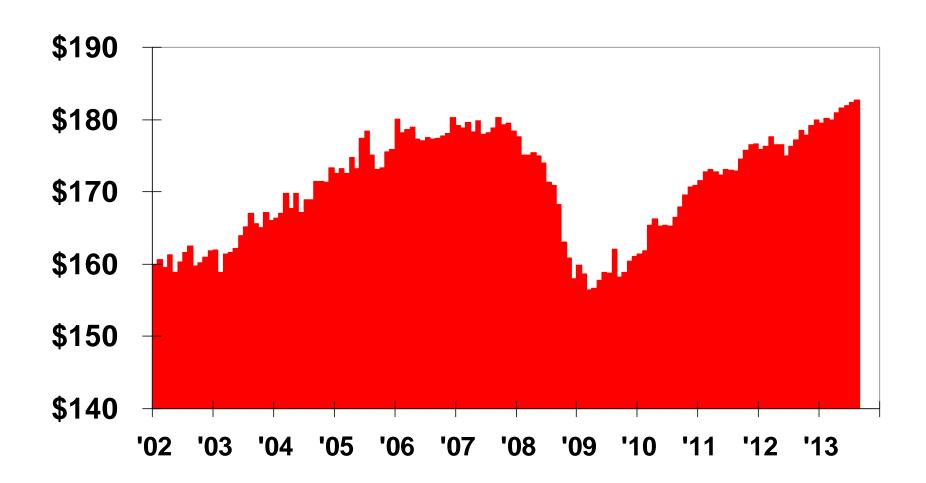
## **Velocity of Money Supply M1**

#### Velocity



#### U.S. Real Retail & Food Service Sales

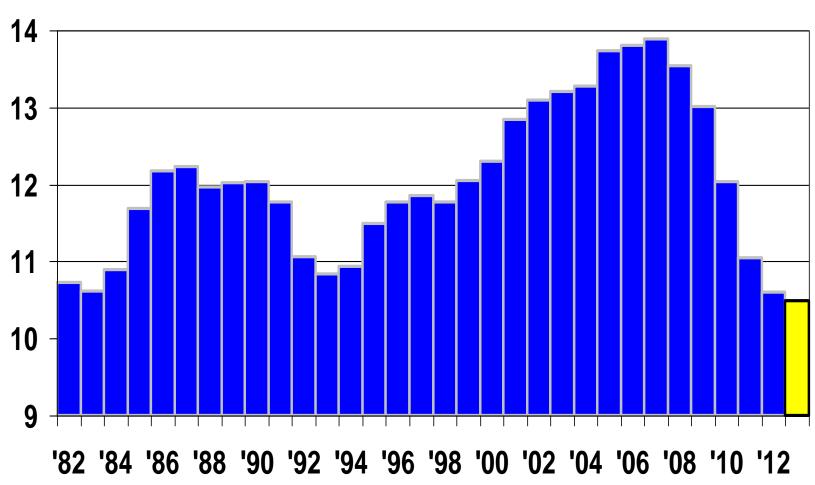
\$Billions - Seasonally Adjusted





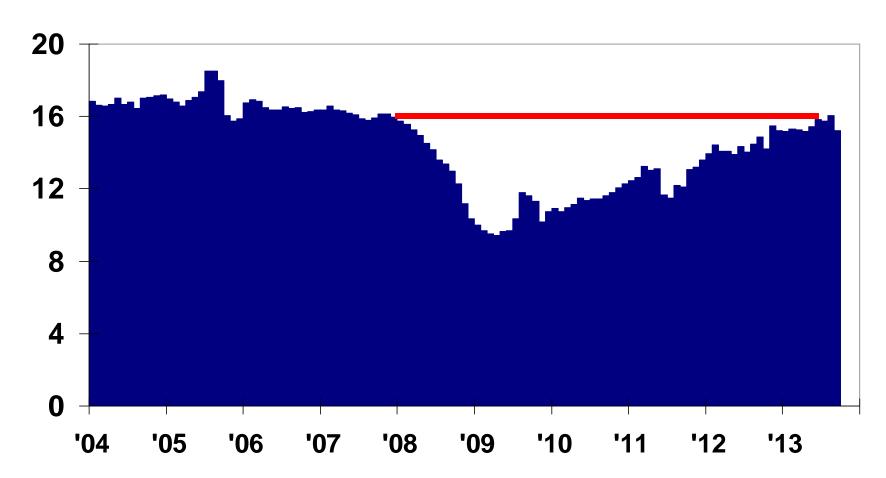
# Household Debt Service as a Percent of Household Disposable Income

#### **Percent**



## **Light Weight Vehicle Sales**

Millions – Seasonally Adjusted Annual Rate





# Liquidity Has Returned to Commercial Real Estate

- \* 30 to 35 Percent Equity
- \* 125 Percent Debt Coverage Ratio
- \* Quality Tenant(s)
- \* Longer-Term Lease

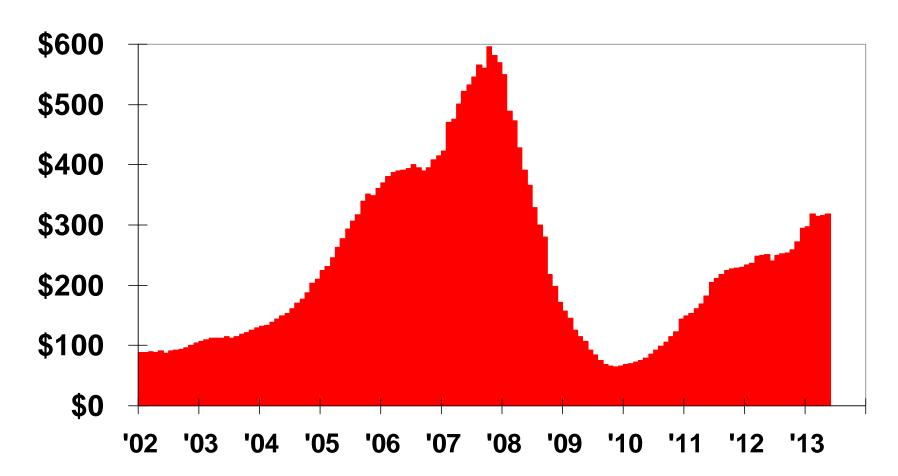


# Dichotomization of Commercial Real Estate Properties

- \* Those That Qualify
- \* The Rest are Considered Distressed Real Estate

#### **U.S. Commercial Real Estate Sales Volume**

\$ Billions – 12-Month Moving Average





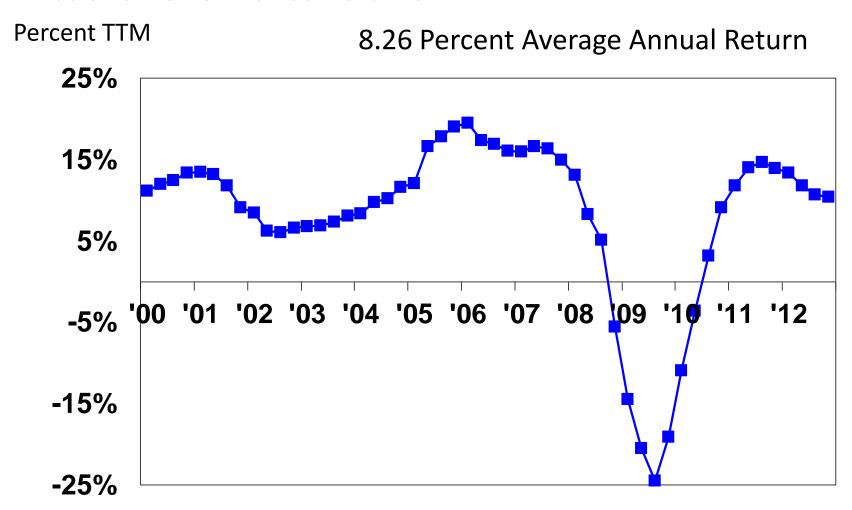




http://www.ncreif.org/

## **U.S. Industrial Property Returns**

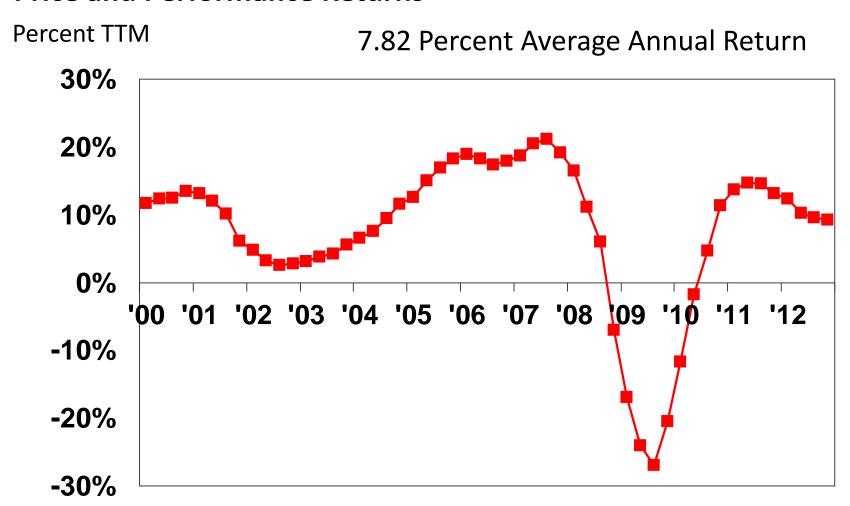
#### **Price and Performance Returns**





## **U.S. Office Property Returns**

#### **Price and Performance Returns**



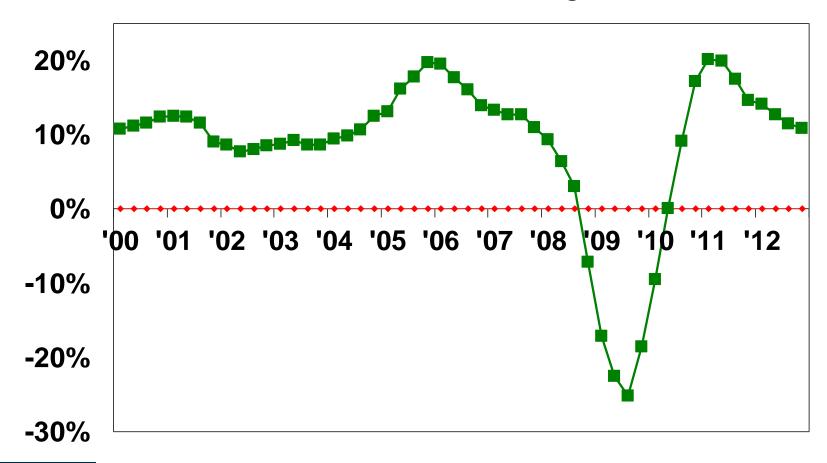


## **U.S. Apartment Property Returns**

#### **Price and Performance Returns**

**Percent TTM** 

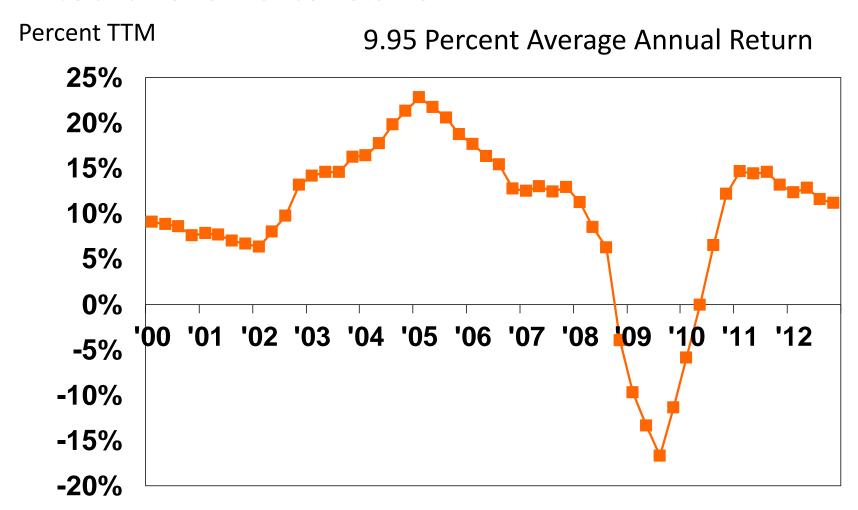
8.66 Percent Average Annual Return





## **U.S. Retail Property Returns**

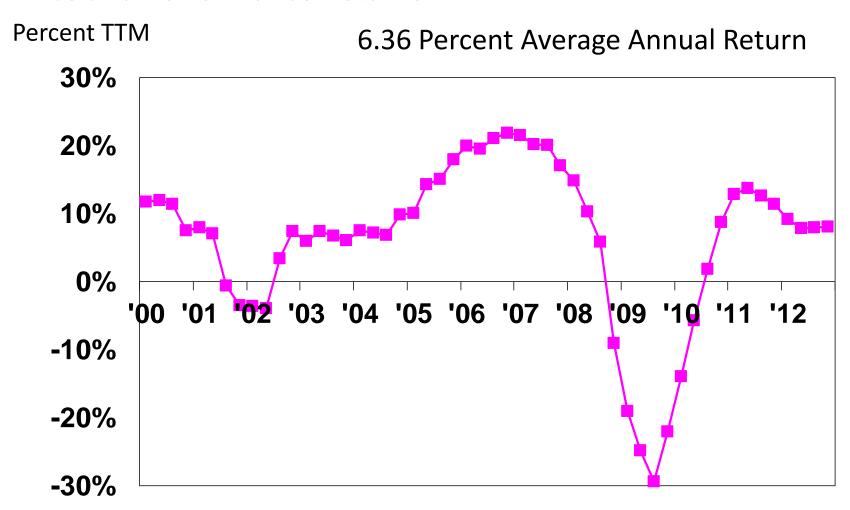
#### **Price and Performance Returns**





## **U.S. Hotel Property Returns**

#### **Price and Performance Returns**





## 2012 Federal Budget



9.1 Cents of Every Tax Dollar Went to Paying Interest on the Debt

## As If The Household Budget....

## Household Income & Expenses

| \$<br>49,360   |
|----------------|
| \$<br>75,920   |
| \$<br>(26,560) |
| \$             |

Credits Cards and Loans Payable Increase

### **Interest Expense on Federal Debt**

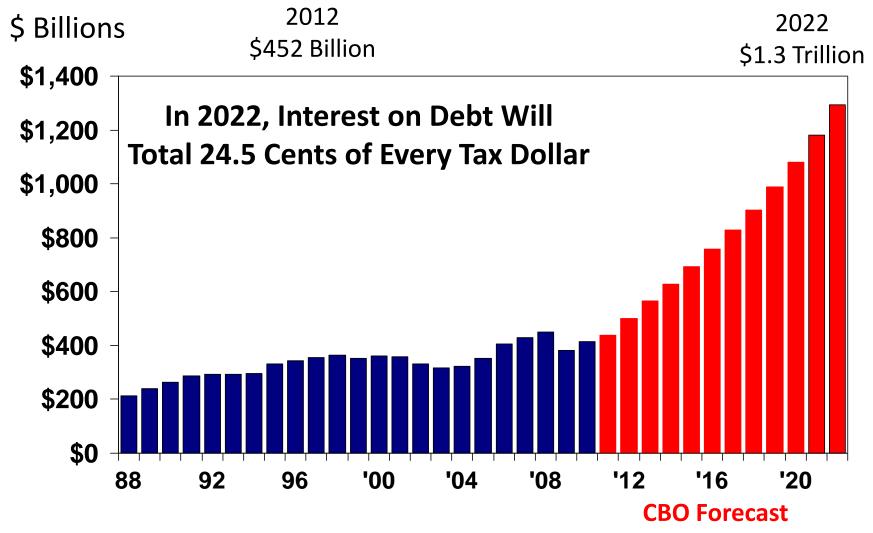
2012 \$452 Billion \$1.3 Trillion

2022

#### **Forecast Assumes**

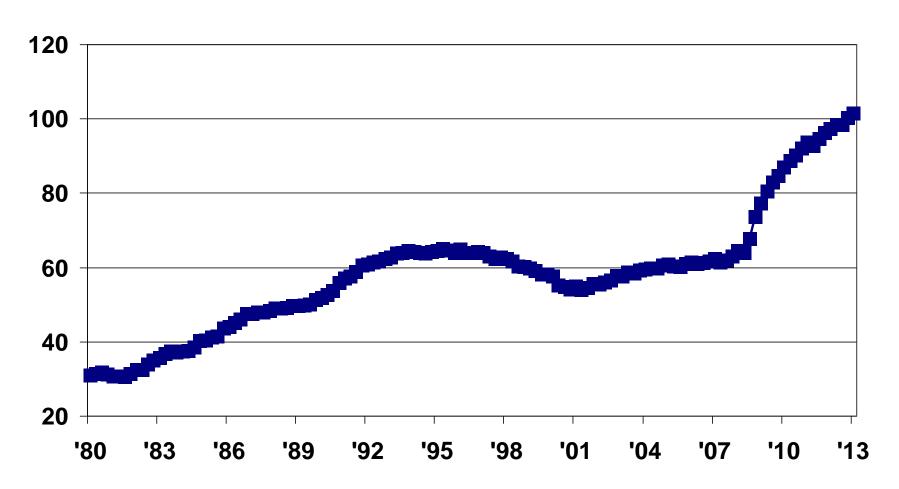
- No Added Federal Spending Programs Not Already in Budget Unless New Taxes or Cut **Existing Programs**
- Healthcare Funding is Adequate (taxes) and Will Never Run a Deficit
- 10-Year Treasury Does Not Exceed 5 Percent

## **Interest Expense on Federal Debt**



#### Total U.S. Federal Debt as a Percent of GDP







## Well Head Natural Gas Price vs. WTI Crude Oil Gas Per 1,000 Cubic Feet, Oil Per Barrel

12 Month Moving Average Oil **Natural Gas** \$12 \$120 Natural Gas Up 40 Percent Oil Up 400 Percent \$100 \$8 \$80 \$6 \$60 \$4 \$40 \$2 \$20 \$0 **\$0 '87 '90 '93** '96 '99 **'02 '05 '08** U.S. Energy Information Administration



#### 2013-2014 Economic Concerns

- Fiscal Cliff 2.0 DEBT CEILING
- When QE Ceases Stock Market, Rates
- Energy: US Imports 50+ Percent of Oil
- Rural Land Bubble
- Government Can't Fix Everything

Newton's Third Law of Motion



#### **Ted's Blog**

## http://blog.stewart.com/ted







"The rich rule over the poor, and the borrower is servant to the lender." Proverbs 22:7

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