

NAIOP Northern Virginia Annual Forecast 2014

K.C. Conway, MAI, CRE – Feb 6, 2014

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The Entrepreneurs Vs. KRONIES Action Figures!

Colliers

Parts & Labor, The Bancor & "G-Force" on "K" Street



The A, B, C, D Questions KC won't answer:



" A man has got to know his limits" - Clint Eastwood

"A" – Value of Argentine Peso – or Turkish Lira at end of 2014 ... but monitor currency!



"C" – Why a major American city with the world's busiest airport can't handle 2" of snow



"B" – What is real value of a Bitcoin? (\$10 to \$1,200 trade range in 2013)



"D" – Why D.C./NoVA wasn't ranked among Top 20 Markets in 2014 Emerging Trends?

U.S. Markets to Watch: Overall Real Estate Prospects

	Investment	Development	Homebuilding
1 San Francisco (2/1/1)	6.98	6.88	7.74
2 Houston (1/3/2)	7.00	6.64	7.48
3 San Jose (5/2/3)	6.78	6.75	7.40
4 New York City (3/4/6)	6.84	6.58	7.19
5 Dallas/Fort Worth (6/6/4)	6.76	6.37	7.36
20 Minneapolis/St. Paul (20/9/26)	6.27	6.27	5.91
21 Chicago (22/15/27)	6.11	6.11	5.89
22 Washington, D.C. (26/26/18)	5.88	5.46	6.54
23 Tampa/St. Petersburg (24/22/23)	5.97	5.59	6.30
24 Orlando (25/23/21)	5.89	5.56	6.40
25 Phoenix (21/28/24)	6.14	5.41	6.29

The A, B, C, D Definitive KC Forecasts for 2014:



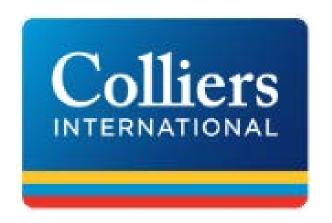
"If you don't know somethin', what good are ya?"

"A" – The FED will determine whether capital gets choked off to R.E. in 2014!

2014 FOM	C Meetings	
January	28-29	
March	18-19*	
April	29-30	Yellen
June	17-18*	is
July	29-30	now
September	16-17*	FED
October	28-29	Chair!
December	16-17*	J

Fed Meeting Is New Focus of Investor Angst

"C" – Colliers will be an MVP relationship & supporter of NAIOP again in 2014!



"B" – The BLS will incorrectly estimate job growth 12 times again in 2014!



"D" – Debt Capital will never be this good. Don't delay or "sit on the fence" in 2014!

U.S. DEPARTMENT OF THE TREASURY

Date	1 Mo	3 Mo	6 Mo	1 Yr	2 Yr	3 Y r	5 Y r	7 Yr	10 Yr
01/02/14	0.01	0.07	0.09	0.13	0.39	0.76	1.72	2.41	3.00
01/03/14	0.02	0.07	0.10	0.13	0.41	0.80	1.73	2.42	3.01

Jan 1, 2013	1.91%
Jan 1, 2012	1.97%
Jan 1, 2011	3.39%
Jan 1, 1982	14.59%

What did KC forecast for 2013? A 100% score after 80% in 2012

Jan '13 KC said: "Beware of Q1, but be prepared for a robust 2H2013."

Industrial:

Ports will remain an imPORTant story!

Port Labor Strife not done – Feb 6, 2013. Leasing activity remains robust Dearth of new constr & assets for sale.

Office:

ICEE office MSAs still hot.

Recovery in housing will add to suburban absorption.

½ the 71.5msf of new office construction is Mec' fice

MF:

Overbuilding Risk is exaggerated

Too much in just a few MSAs (DC)

TX is OK: 1 unit: 9.2 jobs in 2012

Housing:

The recovery is real!

NAHB IMI > 200 markets.

US Census Housing Occupancy (50 MSAs 90% to 96%)

GDP:

Pulls back to 1% or less in 1H2011

but Rebounds >2% in 2H2013 (No "Cash for Clunkers" or housing tax

credit artificial stimulants).

Employment:



Focus on Labor Participation rate (63.6%), U-6 (14.4%), & expect another year of <200k/mo. job growth

U-3 could drop below 7% just on workers losing Unempl. benefits.

Interest Rates:

Get 'eer done in 2013!

2nd U.S. Debt downgrade >50% FED balance sheet @ 20% US GDP Monitor commodity prices.

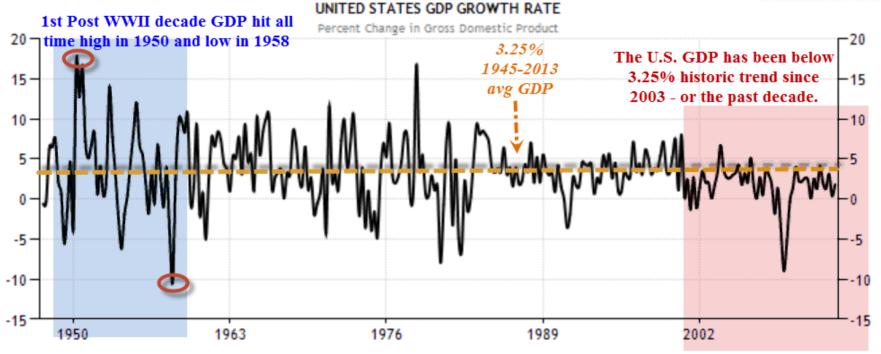
So let's look at 2014 & start with GDP:

GDP 2013 Trend: Q1: 1.1% / Q2: 2.5% / Q3: 4.1% / Q4 3.2% = 2.7% for 2013

GDP 2014 Forecast: Slows back <2% in 1H due to inventory build in 2H 2013

GDP EKG 1950-2013 1950 peak; 1958 low; 3.25% L-Term Trend





SOURCE: WWW.TRADINGECONOMICS.COM | BUREAU OF ECONOMIC ANALYSIS

What drove GDP in 2H2013? Build in Inventories in Q3; Consumer Spending in Q4 (Advance view) 2013 GDP: Q1: 1.1%; Q2: 2.5%; Q3: 4.1%; Q4: 3.2% (Adv Est)

The deceleration in real GDP in the fourth quarter reflected a deceleration in private inventory investment, a larger decrease in federal government spending, a downturn in residential fixed investment, and decelerations in state and local government spending and in nonresidential fixed investment that were partly offset by accelerations in exports and in PCE and a deceleration in imports.

Employment ...

Monitor ADP, Challenger, NFIB, ISM Vs. BLS



238

ADP Private Jobs up

5 consecutive mos.

206

UNEMPLOYMENT – Is it really declining?

Table A-15. Alternative measures of labor underutilization

[⊃e	rc	en	t]

[Percent]						-			
	Not se	asonally a	djusted						
Measure	Dec. 2012	Nov. 2013	Dec. 2013	Dec. 2012					Dec. 2013
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force	4.2	3.7	3.5	4.3		н			3.6
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force.	4.3	3.5	3.5	4.2	Aug-13 Se	p-13 Oct-	13 Nov-13	B Dec-13	3.5
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate)	7.6	6.6	6.5	7.9	7.2	7.2	7.2	A Big 30 7.0	bp drop 6.7
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers	8.3	7.1	7.0	8.5	7.8	7.7	7.7	7.4	7.2
U-5 Total unemployed, plus discouraged workers, plus all other persons marginally attached to the labor force, as a percent of the civilian labor force plus all persons marginally attached to the labor force	9.2	7.9	7.9	9.4	8.6	8.6	8.6	8.2	8.1
U-6 Total unemployed, plus all persons marginally attached to the labor force, plus total employed part time for economic reasons, as a percent of the civilian labor								Humm -	No drop
force plus all persons marginally attached to the labor force	14.4	12.7	13.0	14.4	13.6	13.6	13.7	13.1	13.1

BANKS & The FED ...



Are we done with Bank Failures? What will be different?

BANK FAILURES – Will 2014 be different than 2013?

HISTORY OF BANK FAILURES

•	Great Depression (1929-1933	23,674
•	Savings & Loan Crisis (1986-1994)	2,369
	2008 - Onset of Financial Crisis	25
•	2009 – Height of Financial Crisis	250
•	2010 – Post Failure of Lehman & AIG	157
•	2011 - FDIC Chair Sheila Bair retires	92
•	2012 - Election Yr & no perm head of FDIC	51
	2008 to 2012 Bank Failures (Great Recession)	575
•	2013 Bank Failures (FL led with 4, then AZ, GA, TX)	24
٠	2014 YTD Bank Failures (Jan 1 – Jan 24, 2013) (1st failure in Illinois & 2nd in Oklahoma)	2

What is different in 2014?

FDIC gets a premium for deposits & failures not tied to housing. 8

BANKS & The FED ...



Banks back to lending? Beware the Bank Stress Tests

Bank Holding Companies Ranked by Commercial Real Estate Loans

On June 30, 2013. Dollars in thousands Published January 10, 2014

Rank		Commerci	Total loans		
Rank		June 30	Year earlier	Change	and leases
1	Wells Fargo & Co. San Francisco	\$129,475,000	\$135,375,000	-4.4%	\$815,744,000
2	JPMorgan Chase & Co. New York	79,701,000	75,273,000	5.9	638,241,000
3	Bank of America Corp. Charlotte, N.C.	70,364,000	65,824,123	6.9	846,319,000
4	U.S. Bancorp Minneapolis	44,398,000	44,097,000	0.7	230,113,000
5	PNC Financial Services Group Inc. Pittsburgh	36,322,213	35,324,318	2.8	191,377,879
6	BB&T Corp. Winston-Salem, N.C.	30,763,451	31,715,280	-3.0	117,917,967
7	M&T Bank Corp. Buffalo, N.Y.	28,318,514	26,794,887	5.7	65,866,928
8	New York Community Bancorp Inc. Westbury	26,984,430	25,776,632	4.7	31,840,114
9	TD Bank US Holding Co. Portland, Maine	22,862,346	22,629,884	1.0	103,705,342
10	General Electric Capital Corp. Norwalk, Conn.	22,338,323	0	NA	143,105,102
11	Capital One Financial Corp. McLean, Va.	21,210,778	19,412,278	9.3	190,019,620
12	Zions Bancorp. Salt Lake City	18,068,708	18,635,837	-3.0	38,352,564
13	UnionBanCal Corp. San Francisco	17,738,214	11,216,420	58.1	64,531,485
14	Regions Financial Corp. Birmingham, Ala.	17,636,506	21,181,147	-16.7	75,828,910
15	Santander Holdings USA Inc. Boston	17,405,923	17,383,036	0.1	50,352,595
16	SunTrust Banks Inc. Atlanta	16,228,581	16,707,684	-2.9	125,424,312
17	Citigroup Inc. New York	13,432,000	11,758,000	14.2	367,877,000
18	BancWest Corp. San Francisco	12,773,029	11,282,246	13.2	54,260,668
19	Comerica Inc. Dallas	11,364,339	11,787,283	-3.6	44,666,596
20	Principal Financial Group Inc. Des Moines, Iowa	10,973,276	9,946,900	10.3	12,538,451
21	RBS Citizens Financial Group Inc. Providence, R.I.	10,884,292	12,297,291	-11.5	85,485,876
22	BBVA USA Bancshares Inc. Houston	10,755,036	11,719,794	-8.2	47,591,933
23	Synovus Financial Corp. Columbus, Ga.	10,691,883	11,011,744	-2.9	19,733,127
24	KeyCorp Cleveland	10,691,218	10,934,136	-2.2	57,701,184
25	Fifth Third Bancorp Cincinnati	10,439,939	12,000,447	-13.0	88,832,223

35% vs. 21%
decline in CRE
value in Yr-End
2013 CCAR/Bank
Stress tests.
"March Madness"
ahead for banks

Banks & the FED: Volatility in 2014!





Fed Meeting Is New Focus of Investor Angst

The FED meets 8 times/yr.

2014 FOM	C Meeti	ngs
January	28-29	AST I
March	18-19*	Yellen
April	29-30	is now
June	17-18*	FED
July	29-30	Chair!
September	16-17*	
October	28-29	
December	16-17*	

Structure of the FOMC

The Federal Open Market
Committee (FOMC) consists of
twelve members--the seven
members of the Board of
Governors of the Federal Reserve
System; the president of the
Federal Reserve Bank of New
York; and four of the remaining
eleven Reserve Bank presidents,
who serve one-year terms on a
rotating basis

NE Vs. MW
New York
Cleveland
Philadelphia
Dallas
Minneapolis

INTEREST RATES



Let's hope this correlation holds up for 2013

Let's hope interest rates stay correlated to Height of FED chair

October 11, 2013

The Fed's Downward Trend at the Top



Expect
Volatility & a
10-Yr range of
2%-4%

Interest Rates fell from 21% Prime in 1981 to 3.25% Prime in 2013.

Can they really stay this low?

STATE TAX RATES

NE, DC region & CA worst.





2014 State Business Tax Climate Index

The 10 best states in this year's *Index* are:

- Wyoming
- 2. South Dakota
- Nevada
- 4. Alaska
- 5. Florida
- 6. Washington
- 7. Montana
- 8. New Hampshire
- 9. Utah
- 10. Indiana

The 10 lowest ranked, or worst, states in this year's *Index* are:

- 41. Maryland
- 42. Connecticut
- 43. Wisconsin
- 44. North Carolina
- 45. Vermont
- 46. Rhode Island
- 47. Minnesota
- 48. California
- 49. New Jersey
- 50. New York

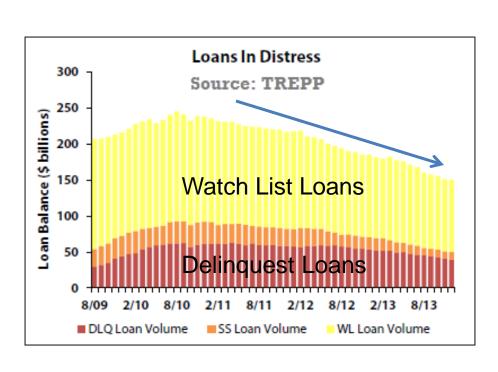
Need to add SC with high point of sale on R.E.

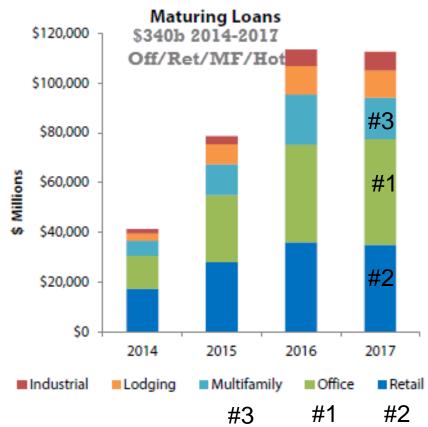
CMBS ... \$340 Billion to ReFi



Metrics Improve as 2nd Wave comes ashore 2014-17

CMBS ReFi Wave 2.0
Bigger than Refi Wave 1.0 / Cap Rate & Interest Rate Compression?





Source: TREPP

Housing ...

Monitor ADP, Challenger, NFIB, ISM Vs. BLS & NAHB HMI (Builder Sentiment Index)



Housing – Best year since 2007, but can it continue?

(AP) — U.S. home construction ended 2013 with the best showing since the housing bubble burst. Builders broke ground last month at a seasonally annual rate of 999,000, the fastest in five years. For the year, builders started 923,000 homes and apartments, up 18.3 percent from 2012. It was the **strongest since 2007**, when 1.36 million homes were started.

The avg. rate on a 30-year mtg fell to 4.41% - down from a peak of 4.6% in August.

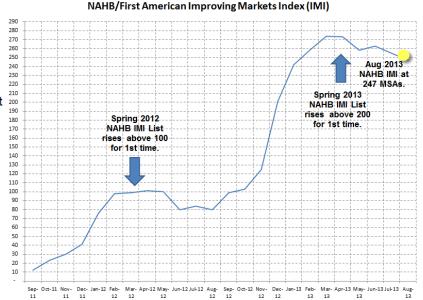
Each home built creates 3 jobs for a year and generates \$90,000 in tax revenue, according

to data from the homebuilders association.

The NAHB/First American Improving Markets Index (IMI) tracks housing markets throughout the country that are showing signs of improving economic health.

The index measures three sets of independent monthly data:

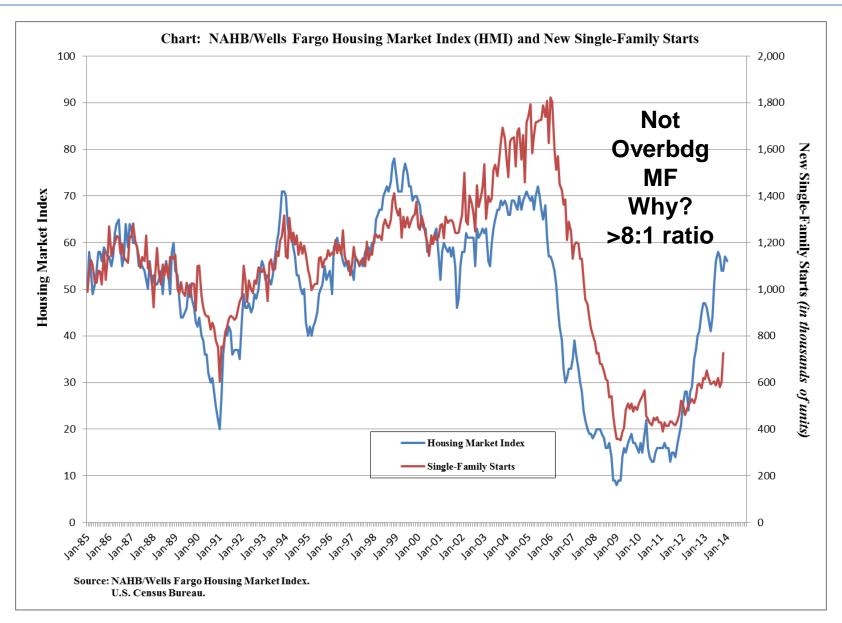
- i) employment growth (Census);
- ii) house price growth (Freddie Mac); and
- iii) single-family housing growth (Census Permits) to identify the top improving markets



Housing ... Multifamily







Manufacturing ...



ISM Strong (5%); Warehouse Absorption Strong... Houston?

Manufacturing / Intermodal / IANA / Warehouse Absorption

ISM Vs. GDP

More granular – backlog orders, etc. Industrial Absorp. – Port, Air Cargo, Intermodal

MONTH	PMI™	MONTH	PMI™			
Nov 2013	57.3	May 2013	49.0			
Oct 2013	56.4	Apr 2013	50.7			
Sep 2013	56.2	Mar 2013	51.3			
Aug 2013	55.7	Feb 2013	54.2			
Jul 2013	55.4	Jan 2013	53.1			
Jun 2013	50.9	Dec 2012	50.2			
Average for 12 Months: 53.4 (High: 57.3 Low: 49.0)						

SOURCE: Institute of Supply Management

RailTime: 2013 a record for Intermodal

AVERAGE	WEEKLY U.S.	rail int	TERMODA	L TRAFFI	C (not seas	onally a	djusted)
	■2009	2010	2011	2012	■ 2013		
250,000	^		<u> </u>	%	\leq		
200,000					_		
150,000	Jan Feb Ma	r Apr I	May Jun	Jul Aug	Sep Oc	t Nov	Dec
Source: AAR.org / RailTime Indicators report							

TOP	TOP 10 U.S. INDUSTRIAL MARKETS ABSORPTION							
	MSA	Q3 2013 (MSF)	MSA	CY 2012 (MSF)				
1	Los Angeles (PORT)	4.6	Chicago	13.4 (INTERMODAL)				
2	Dallas (INTERMODAL)	4.2	Dallas	9.7 (INTERMODAL)				
3	Los Angeles – Inland Empire (INTERMODAL)	3.6	Detroit	9.2 (AUTO RECOVERY)				
4	Memphis (AIR CARGO/E- COMMERCE)	3.6	Los Angeles – Inland Empire	8.5 (INTERMODAL)				
5	Chicago (INTERMODAL)	3.3	Los Angeles – Coastal	8.4 (PORT)				
6	Philadelphia (INLAND DISTRIBUTION)	2.6	Atlanta	7.4 (INTERMODAL)				
7	New Jersey – Central and Northern	2.3 (CENTRAL) 1.9 (NORTHERN)	Houston	6.2 (PORT)				
8	Columbus, OH (AIR CARGO)	1.7	Phoenix	5.1 (HOUSING RECOVERY)				
9	Denver (INLAND DISTRIBUTION)	1.5	Columbus, OH	4.9 (AIR CARGO)				
10 (tie)	Cleveland, Miami, Atlanta	1.45	Seattle	3.9 (PORT)				

Ports & Panama Canal...

West coast port strike threat June 2014!



DECEMBER 2013

North American Port Analysis

www.colliers.com/us/port-2H

BIGGIE-SIZE IT

K.C. CONWAY, MAE, CRE Chief Economist | USA



- > SIGN OF THE TIMES NOAA: for discontinuing printed navigational charts.
- "A-RATED" PORT Port of Los Angeles: For maintaining "AA" rating with S&P since 1995—longer than any other U.S. port authority.
- > GDP (GULF'S DARN PROFITABLE) PORT Port of Houston: This kind of stellar operational performance will enable the port to obtain funding for remaining post-Panamax readiness (mainly dredging).
- > THE NEWEST "SHORE" THING South Carolina Ports Authority: For flawless execution of its new inland port in Greer, SC.
- "MATCH-BACK" AWARD Port of Chicago/Illinois International Port District: Top U.S. inland location for match-back container traffic.

- AMERICA'S FOURTH-COAST AWARD Port of Cleveland: For innovation in establishing an express freight route to Europe, enabling Midwest shippers to eliminate movement of goods east by truck and rail for export via New York & New
- "AUTO PILOT" PORTS
 Port of Baltimore and Georgia Ports Authority:
 For growth in auto import/export traffic
- "UP & COMING" PORTS Port Rupert joins Mobile for this recognition

Jersey.

- > WELCOME TO THE 1.0 MILLION TEU CLUB Port of Tacoma: Succeeding where Seattle isn't.
- > BEST "AUDIBLE" Port of Jacksonville: For recognizing short-term growth strategies in light of funding delays for PPMX readiness.

The 7 Class 1 Railroads...

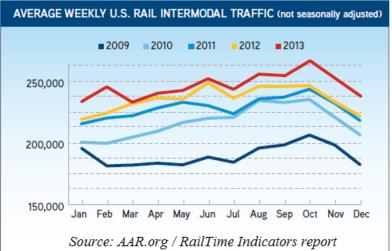




Rail Time Indicators

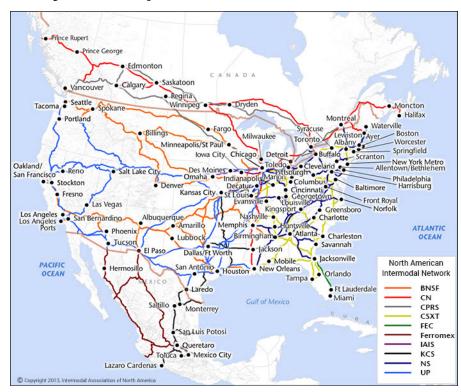
The 7- Class I RRs (Note CN (red) & KCS (brown)







"All that happens on the ports, doesn't stay on the ports" – Rail, Intermodal!



Ports & Industrial R.E ...

Colliers

The 2014 influences heading into 1st Post PMX Decade.

DECEMBER 2013

North American Port Analysis

Who will be able to refuel Duel-Fuel?
SE (Jax) & Gulf ports have advantage

BIGGIE-SIZE IT

K.C. CONWAY, MAE, CRE Chief Economist | USA

Duel Fuel

Driven by Environmental & (Suez TEUs up +5.6% to 12.2m Vs. -2.4% 37.8m TEUs in Panama Canal)

P-Canal 50% cost overrun dispute

The "I"s have it: Intermodal & Inland ports are the good news; ILWU in 2014 is the bad news.

E-Coast Ports not just Military ports any more: West-Coast meet new competition!

Labor Strife: Chile now (fresh fruit and copper); Westcoast June 2014 E-Commerce growth means get your Supply-Chain in order (10%/9%)

And one other ...

NY faces new competition from Mid-Atl & Great Lakes ports, like Cleveland 19

Close with ONEI & AFIRE

DC #25 and Baltimore #30 at Yr-End 2013



ONNUMBERS

							5-year	
YE 2014			5-year	1-year	Unempl.	Weekly	earnings	1-year HPA /
Rank	Metro	Overall score	job gr.	job gr.	Rate	earnings	growth	Home \$ Appr
1	Austin	84.186	11.80%	3.80%	5.20%	\$929	14.50%	9.00%
2	Dallas-Fort Worth	84.161	6.00%	3.60%	6.00%	\$943	17.90%	6.80%
3	Provo, Utah	82.503	6.70%	4.30%	4.90%	\$803	47.00%	10.70%
4	San Jose	80.498	3.40%	3.30%	6.80%	\$1,456	16.60%	16.90%
5	Houston	79.632	9.00%	3.30%	6.10%	\$973	15.80%	6.00%
6	Oklahoma City	76.092	3.60%	2.70%	4.70%	\$786	22.30%	2.60%
7	Honolulu	75.224	1.00%	1.50%	3.80%	\$824	14.60%	6.80%
8	Denver	74.359	2.20%	2.70%	6.50%	\$1,008	14.90%	10.30%
9	Ogden, Utah	74.31	3.20%	4.00%	4.90%	\$720	13.70%	6.20%
10	Minneapolis-St. Paul	73.393	2.30%	2.30%	4.70%	\$942	13.50%	8.10%
11	Boston	70.943	2.90%	2.50%	6.20%	\$1,102	13.70%	3.40%
12	Grand Rapids, Mich.	68.914	6.80%	3.70%	6.40%	\$765	2.70%	6.20%
13	Tampa-St. Petersburg	67.106	2.20%	4.40%	7.00%	\$789	4.60%	8.40%
14	Salt Lake City	66.933	3.20%	3.50%	4.50%	\$915	6.60%	9.90%
15	Indianapolis	65.769	2.60%	1.50%	6.90%	\$888	16.70%	2.20%
16	Charleston, S.C.	65.051	2.40%	1.30%	6.90%	\$778	34.30%	6.10%
17	Nashville	64.359	8.50%	3.70%	6.80%	\$793	4.60%	4.10%
18	San Francisco-Oakland	64.012	0.90%	1.50%	6.50%	\$1,142	5.90%	17.10%
19	Orlando	63.245	0.80%	2.60%	6.60%	\$805	3.80%	10.60%
20	Seattle	63.22	0.10%	2.90%	6.10%	\$1,170	12.20%	9.90%
21	Pittsburgh	62.75	3.40%	2.00%	7.20%	\$851	24.30%	3.40%
22	Madison, Wis.	62.452	1.80%	1.50%	4.50%	\$1,002	22.20%	2.60%
23	Des Moines, Iowa	61.735	2.20%	1.90%	4.70%	\$926	13.30%	2.10%
24	Bakersfield, Calif.	59.037	5.70%	1.50%	10.90%	\$899	2.00%	15.20%
25	Washington	59.011	1.50%	1.10%	5.40%	\$1,177	13.10%	4.80%
30	Baltimore	56.958	2.90%	2.50%	7.10%	\$939	14.40%	2.20%



AFIRE - Close on a hot note! Where is DC?



What's Hot – Assoc. of Foreign Investors in R.E.

AFIRE – U.S. tops globally & Ind'l R.E. tops (first time in a decade)

Port cities move up in rankings!

Top Global Cities

- London (#2 last year)
- 2. New York (#1 last year)
- San Francisco (#3 last
- 4. Houston (#5 last year
- Los Angeles (#14 last

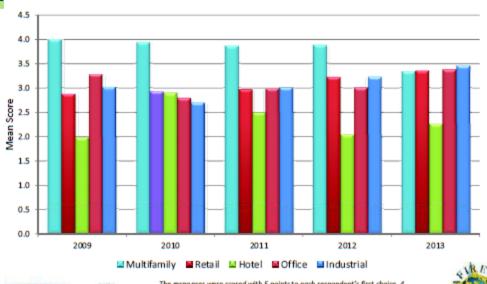
Top Five U.S. Property Types

- 1. Industrial (#2 last year)
- Office (#4 last year)
- Retail (#3 last year)
- 4. Multi-family (#1 last year)
- 5. Hotel (#5 last year)

Most Stable and Secure Countries for Foreign Investment

- 1. United States (#1 last year)
- Germany (#3 last year)
- 3. UK (#5 last year)
- 4. Canada (#2 last year)
- 5. Australia (#4 last year)

Ranking of USA property types, by year



KC Conway, CRE, MAI

www.colliers.com/us/kcconway

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- 2014 Presentation Archive
- 2013 Presentation Archive
- . In the News Archive
-) Colliers Analysis

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RECENT REPORTS AND WHITE PAPERS



2H2013 North American Port Analysis »

This semi-annual report is a comprehensive analysis of North America's port, intermodal, air cargo and freight rail infrastructure. The newest report features a comprehensive diagnosis of the ailments that the ports are facing in the coming year: labor strife, CapEx funding, congressional deadlock, and slowing GDP. Which ports get a clean bill of health as we prepare for the first post-Panamax decade (2015-2025)? We also recognize achievement and innovation with our newest

North American Port Awards.



Q3 | 2013 | North America | Industrial Market Report »

Industrial Property Indicators, Intermodal Traffic and Inland Ports

KC Conway: Key industrial property type indicators (vacancy, net absorption), intermodal traffic, the expansion of inland ports, and ISM's *Manufacturing at a Glance* all point to another strong year in 2014.

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KC Conway is the foremost economic thought leader for Colliers International, authoring white papers, articles, and the North American quarterly industrial and port analysis reports.

In 2012, Conway made more than 70 speaking appearances for organizations across the industry. He is frequently quoted in the national media, including the Wall Street Journal, New York Times, Washington Post and Bloomberg.

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KC writes on capital markets for Knowledge Leader magazine. Check out recent "Bank Notes" columns:

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