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Center for Business and Economic Research

Business Forecast 2015 Friday, January 30, 2015 11:30 a.m. - 1:30 p.m. Schedule of Events

Kathy Deck, Director

Sam M. Walton College of Business, University of Arkansas

Sam M. Walton College of Business, University of Arkansas

Center for Business and Economic Research

Eli Jones, Dean

Welcome and Special Remarks

2014 Contest Awards

Introduction of Moderator

Introduction of Panelists

Eli Jones

John James Founder Acumen Brands

Presentations

Global Forecaster

Domestic Forecaster

John Silvia Chief Economist Wells Fargo

Kathy Deck

Carl Tannenbaum Chief Economist Northern Trust

State and Local Forecaster

Panel Discussion

John James, Carl Tannenbaum, John Silvia, Kathy Deck

Recognitions and Announcements Eli Jones

Business Forecast 2015 is in association with the National Association for Business Economics (NABE).

Please use Twitter hashtag #BF2015 for this event.

John James is the founder of Acumen Brands, an ecommerce company in Fayetteville, Arkansas. Previously he was a family practice physician who, on the last day of his residency, gave up medicine for the adventure of innovation. James paid for medical school with proceeds from his first ecommerce company, a quiz bowl question business, founded from his dorm room at the University of Arkansas in 1995. John has built and sold multiple businesses centered around search engine marketing, including ventures in keyword arbitrage, multichannel niche retail, and hyperlocal online media. James is currently the CEO of Acumen Brands, which includes Country Outfitter, with over 10 million social followers and email subscribers. His company has raised over \$100 million in venture funding, including an \$88 million Series C led by General Atlantic. He holds a B.S. from the University of Arkansas and a M.D. from the University of Arkansas for Medical Sciences.

Carl Tannenbaum is the chief economist for Northern Trust. Prior to joining Northern Trust, Carl led a team at the Federal Reserve Bank of Chicago whose charter was to analyze financial risk, its implication for the broad economy and policy choices to address it. He served as the head of the entire Federal Reserve System's risk group in Washington for a year, working closely with Federal Reserve System Governors and senior officials. Preceding his work at the Federal Reserve, Carl served as chief economist and head of balance sheet management at LaSalle Bank/ABN AMRO, where he worked for 24 years. He received a bachelor's degree in finance and economics and a Masters of Business Administration degree from the University of Chicago. He is a past chairman of the Conference of Business Economists and also a past president of the National Association for Business Economics and the North American Asset/Liability Management Association.

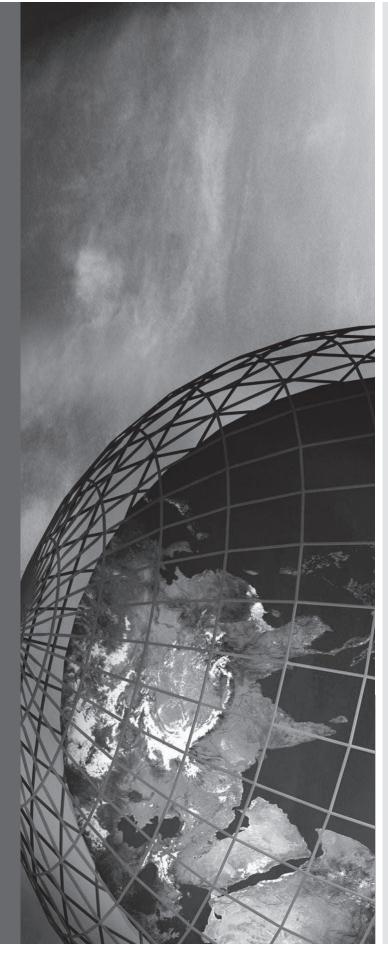
John Silvia is managing director and chief economist for Wells Fargo. Previously, he was a senior economist for the U.S. Senate Joint Economic Committee and chief economist for the U.S. Senate Banking, Housing and Urban Affairs Committee. Prior to that, he was chief economist of Kemper Funds and managing director of Scudder Kemper Investments, Inc. Silvia is on several Bloomberg Best Forecast lists, is chair for the Economic Advisory Committee of the Securities Industry and Financial Markets Association, serves on the Blue Chip Panel of Economic Forecasters for the Federal Reserve Bank of Philadelphia, the Economic Advisory Roundtable, and the finance committee for the Mint Museum in Charlotte, N.C. He is the author of "Dynamic Economic Decision Making" and "Economic & Business Forecasting." He has served as president of the Charlotte Economics Club and on advisory committees to the Federal Reserve Bank of Cleveland, the Federal Reserve Bank of Chicago, and the Public Securities Association. Currently, he serves on the President's Council for Charlotte's Central Piedmont Community College. Silvia holds B.A. and Ph.D. in economics from Northeastern University and a M.S. in economics from Brown University.

Kathy Deck is the director of the Center for Business and Economic Research in the Sam M. Walton College of Business at the University of Arkansas. Her research interests include local economic development, industry market structure, and education and health care economics. Deck also acts as a media resource for economic analysis of current events and trends. She was named Communicator of the Year in 2009 by the Northwest Arkansas Public Relations Society of America, was recognized as one of the 40 under 40 by *Arkansas Business* and the *Northwest Arkansas Business Journal*, and named a Woman of Influence by *Arkansas Business*. Before joining the Center, Deck was the antitrust economist for the Arizona Attorney General. Deck earned a B.A. in economics from the College of William and Mary and a M.S. in economics from the University of Wisconsin-Madison.



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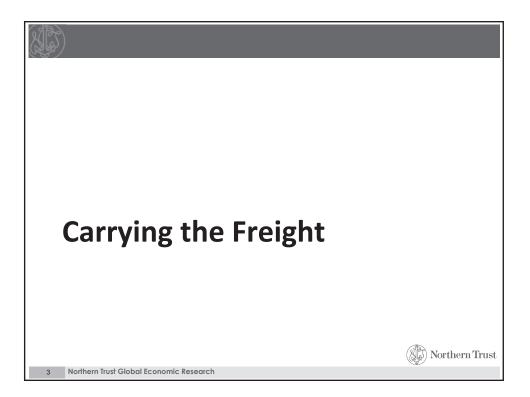
NORTHERN TRUST GLOBAL ECONOMIC RESEARCH

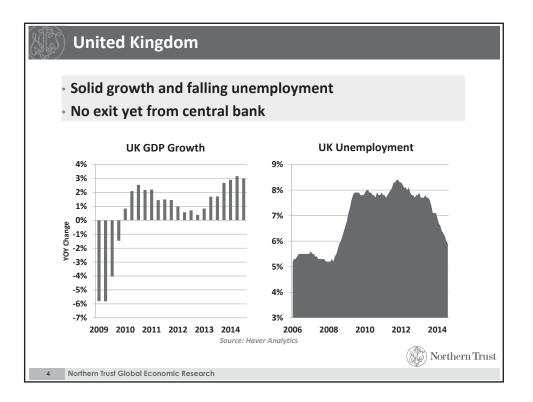


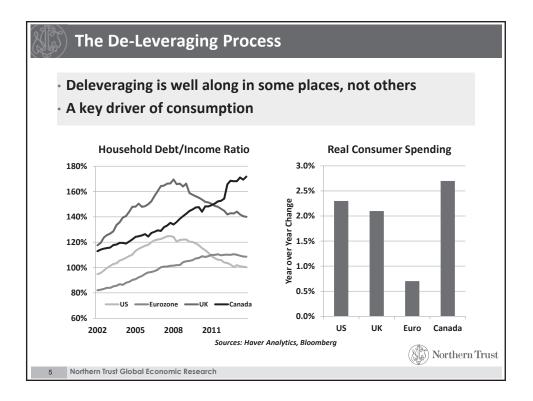
Engines and Engineers The Economic Outlook for 2015

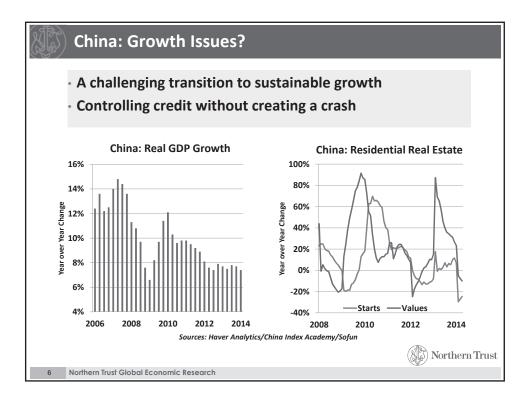
Carl R. Tannenbaum Chief Economist PH: 312.557.8820 ct92@ntrs.com

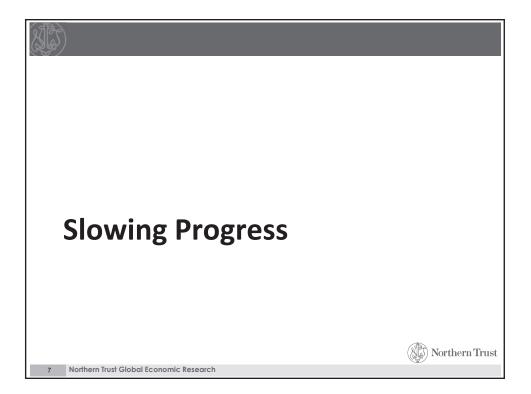


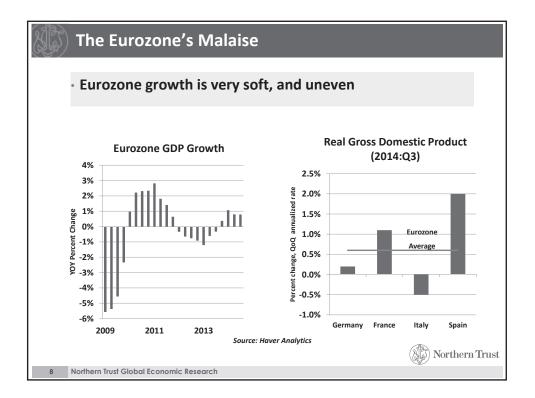


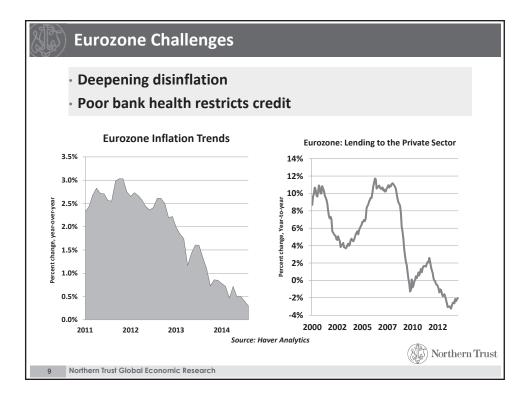


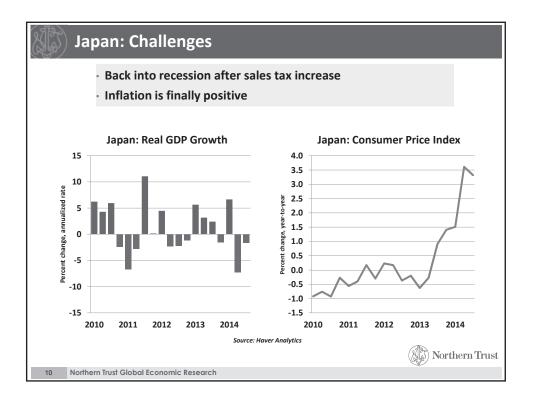


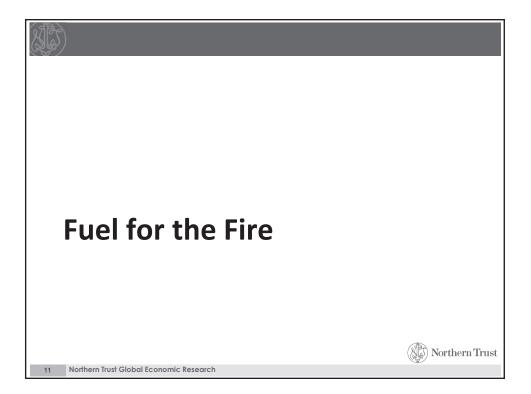


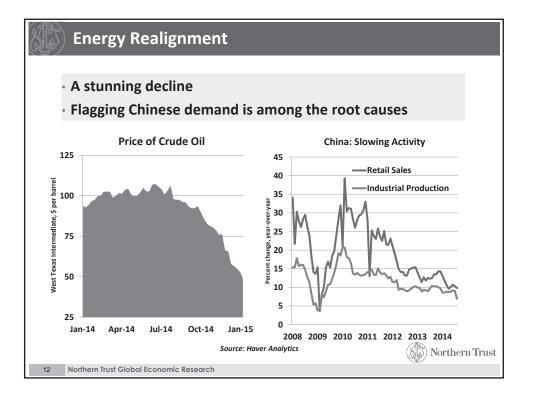


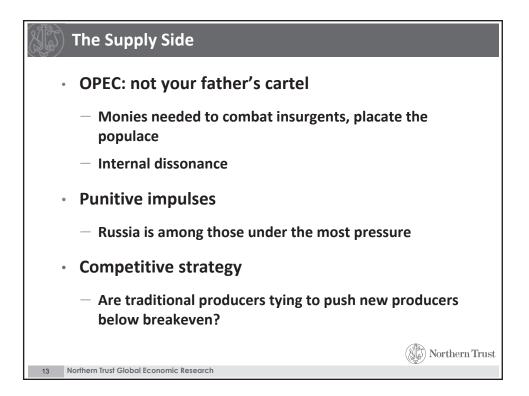




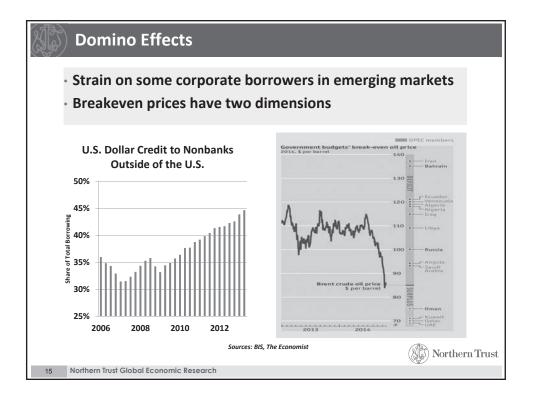


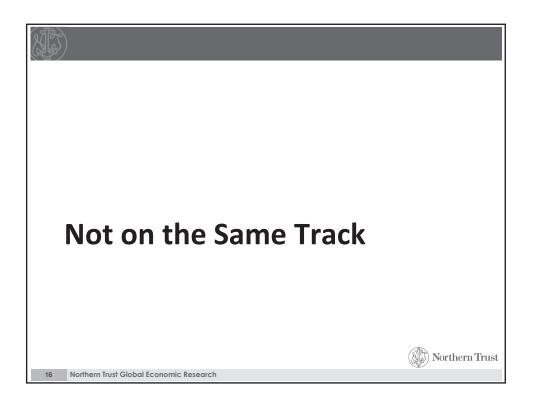


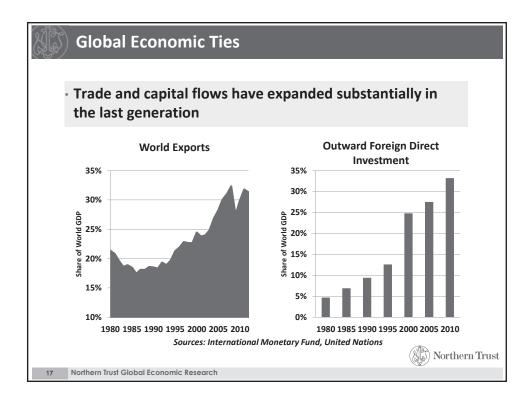


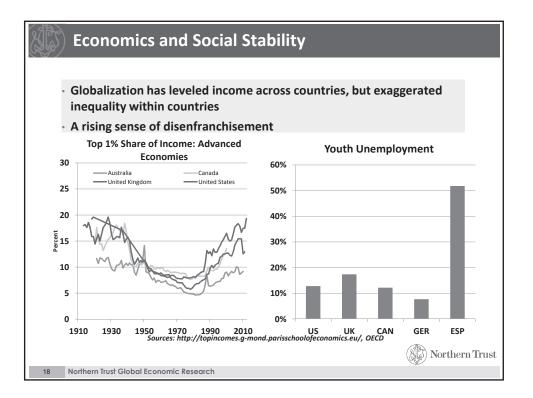


Consequences					
Losers					
Frackers					
– Higher breakeven costs					
Russia					
 Overreliance on energy 					
Peripheral producers					
– Venezuela, Nigeria, Iran, etc.					
Northern True					

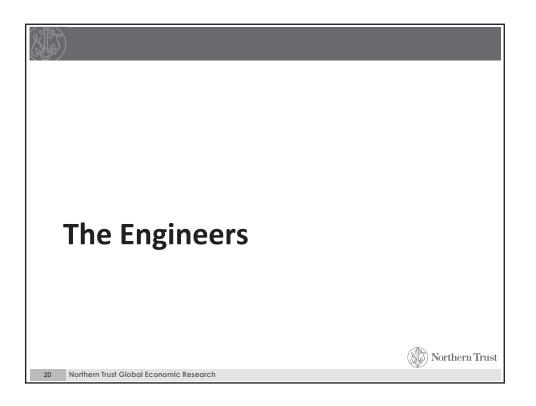




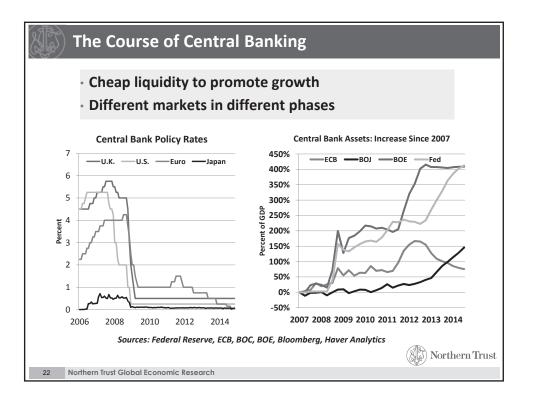


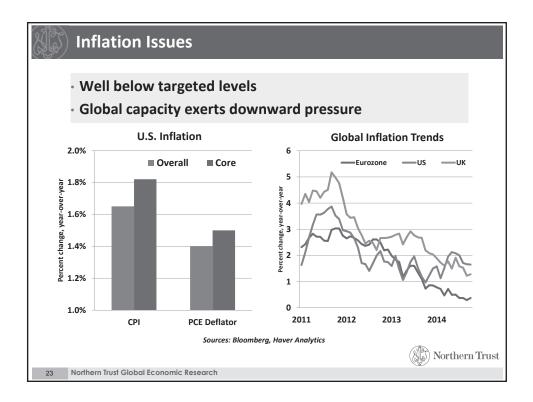










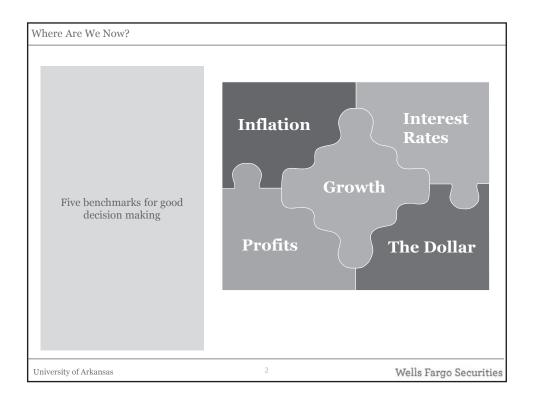




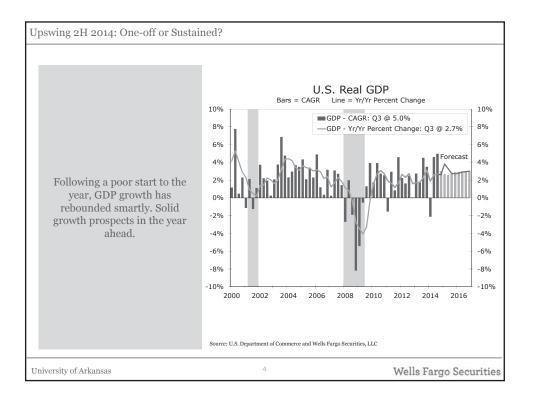
Economic Outlook: Cyclical Recovery, Structural Challenges University of Arkansas

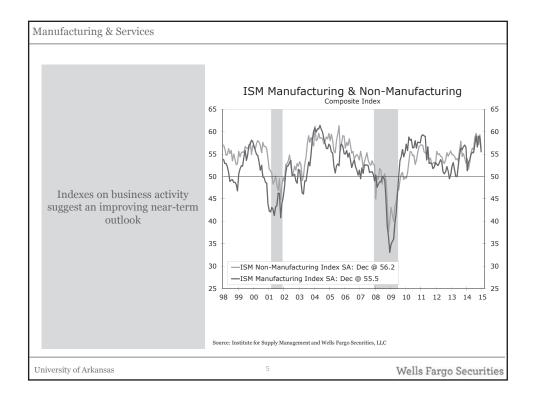
John E. Silvia, Chief Economist January 30, 2015

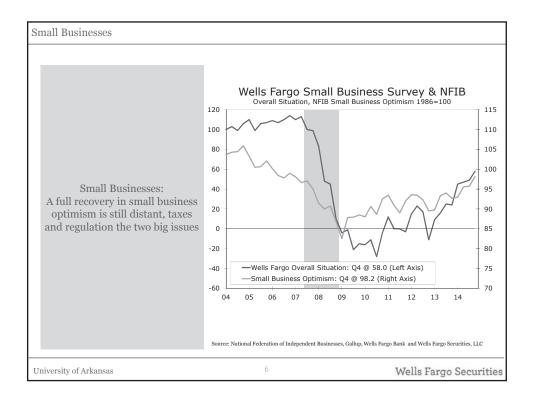


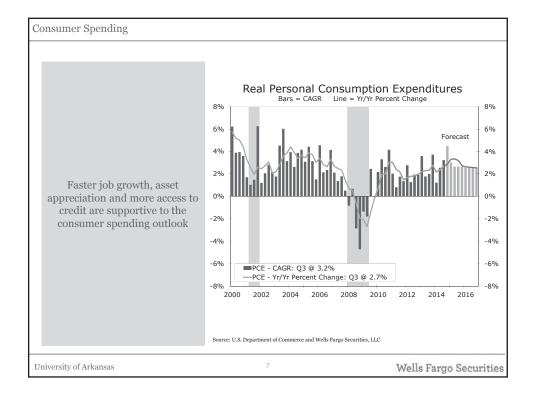


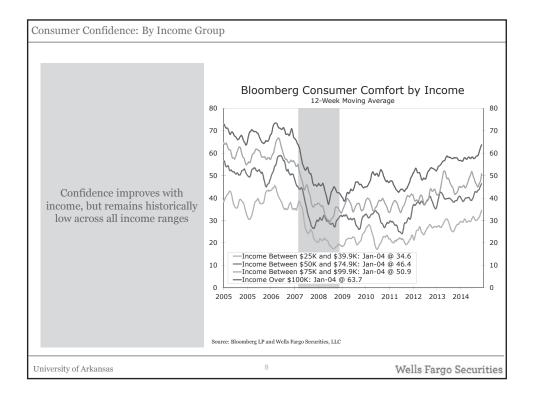
Wells Fargo vs. Consensus	
How do we differ from consensus?	Expectations for the Future Sustained-trend growth Employment—cyclical and structural change Still cautious on consumer segments Housing improving—multifamily especially State and local governments—still restructuring Unsustainable long-run fiscal policy Europe weak growth path China growth sub 7 percent
University of Arkansas	3 Wells Fargo Securiti

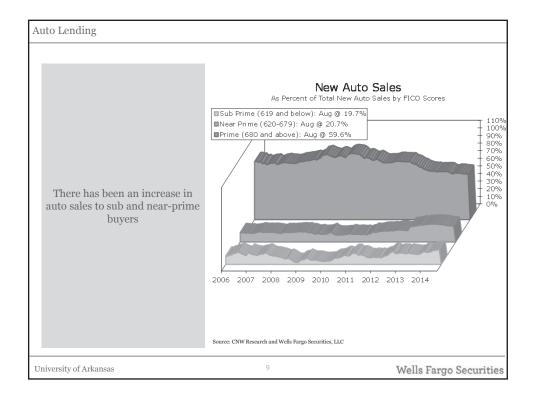


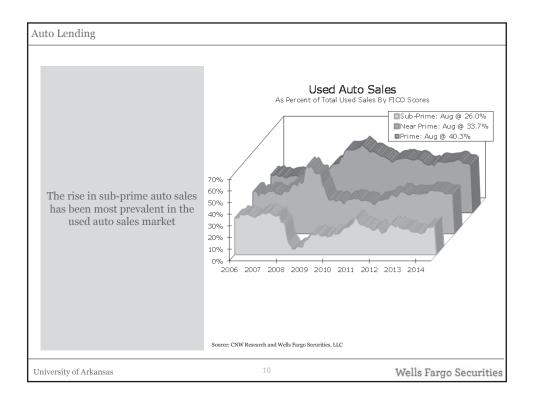


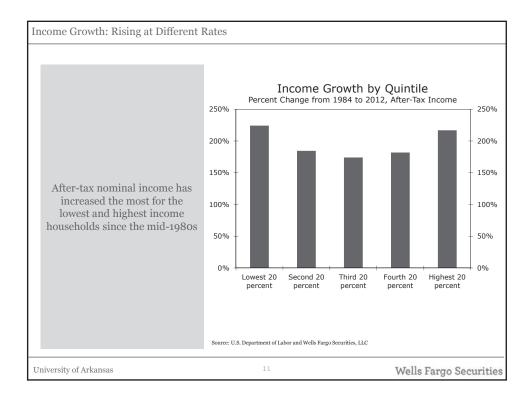


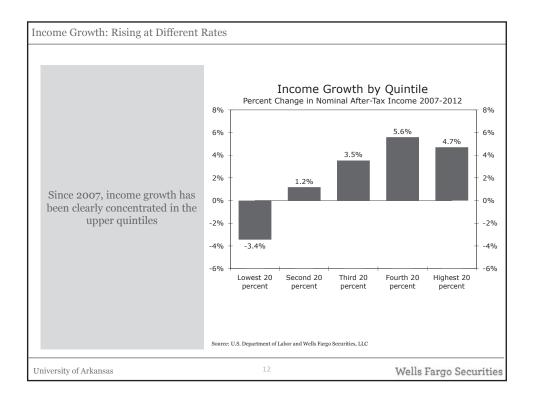


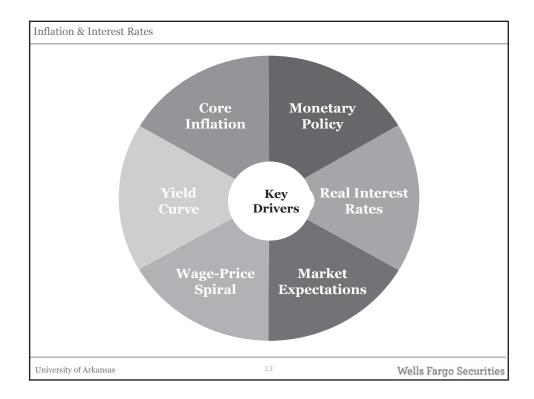


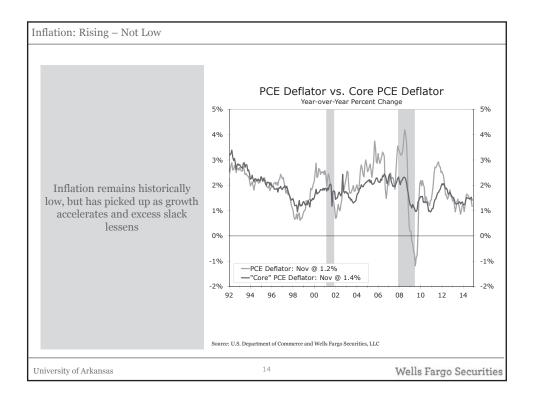


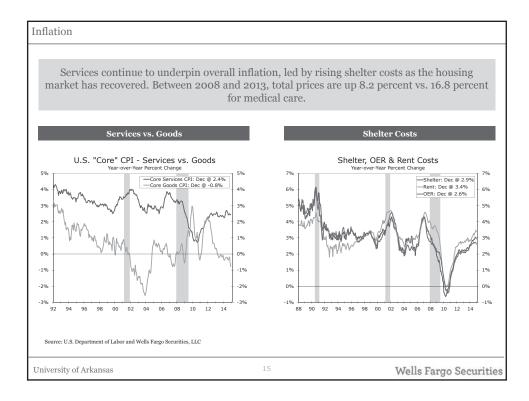


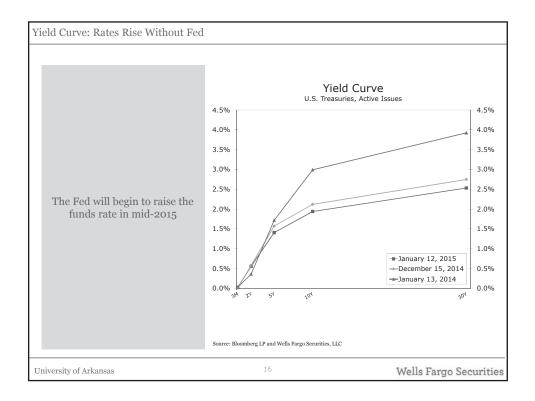


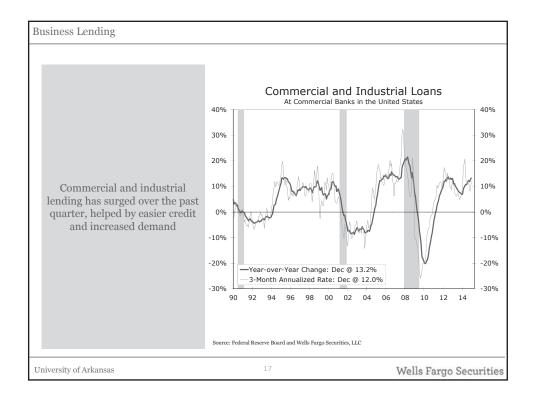


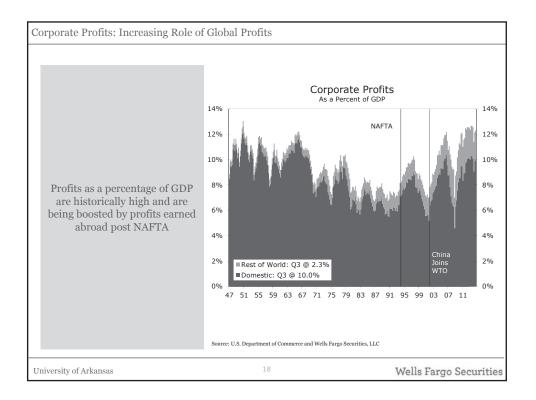




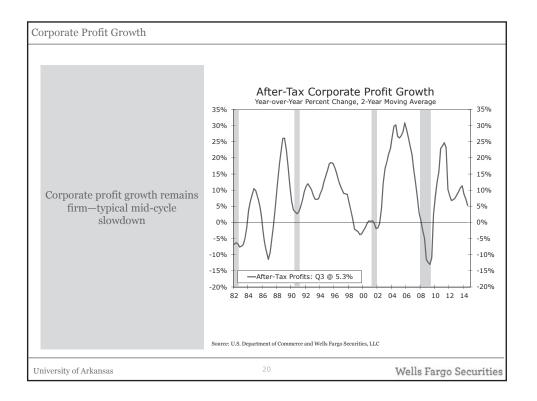


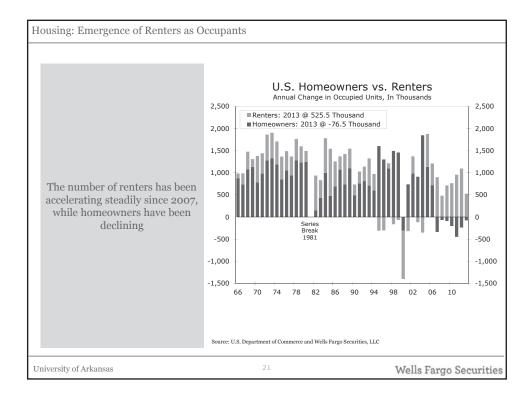


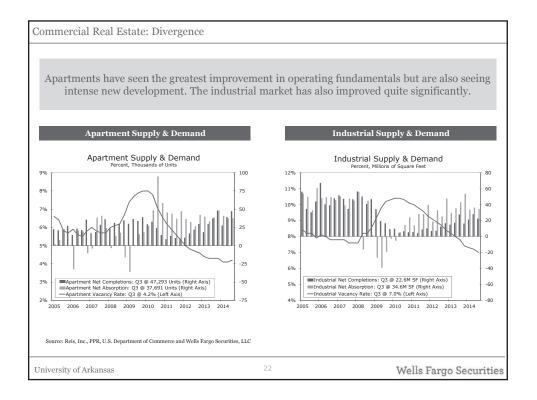


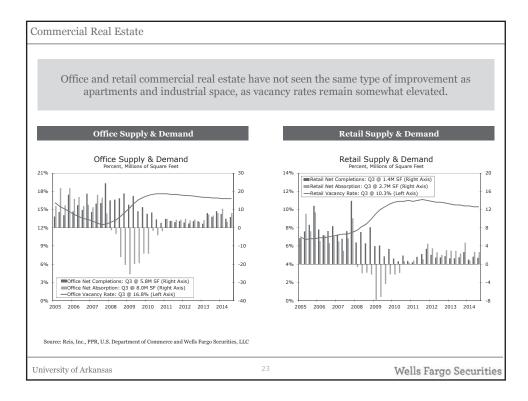


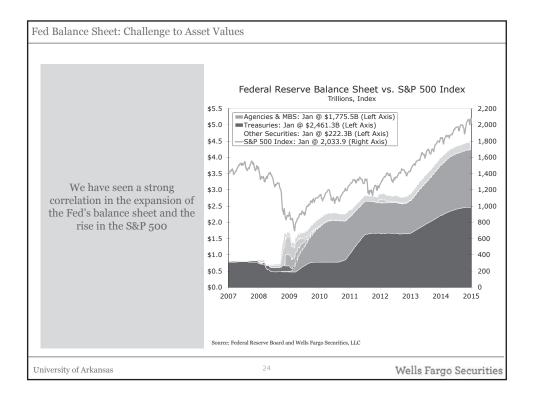
 Goodyear Tire BorgWarner Priceline.com Nike Coca-Cola 	MerckBoeingEaton Corp.
Many U.S. companies rely on the health of international economies	 Emerson Electric Fluor GE 3M Caterpillar Cisco Qualcomm Apple eBay IBM Symantec

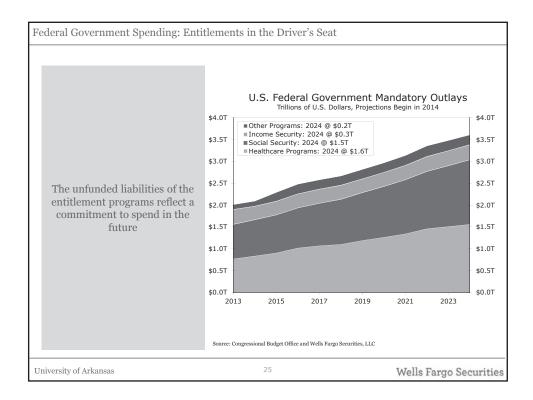


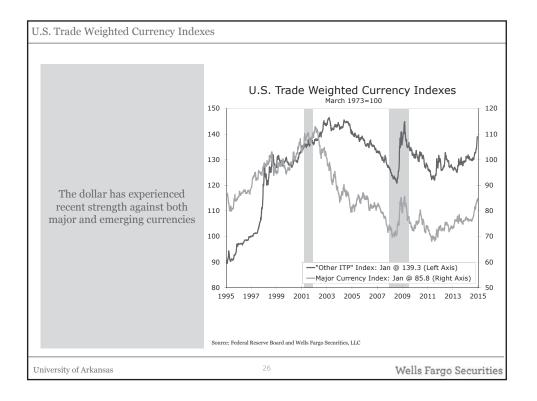


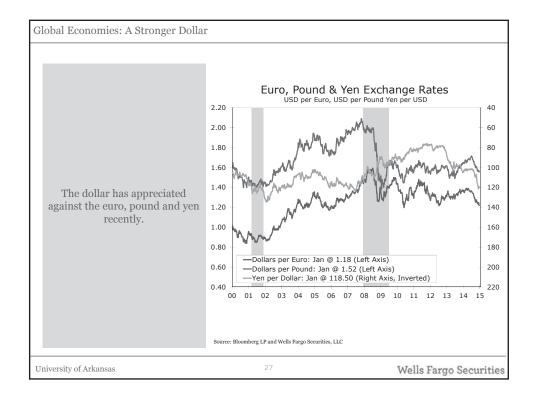


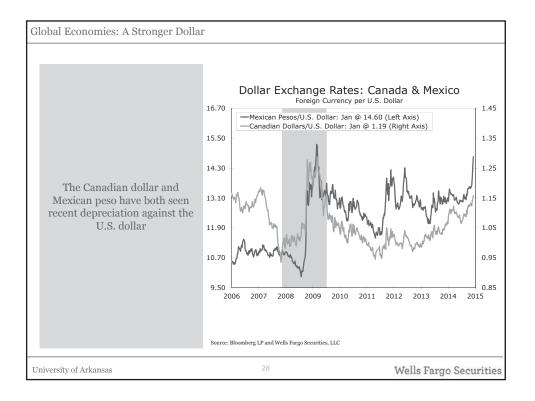


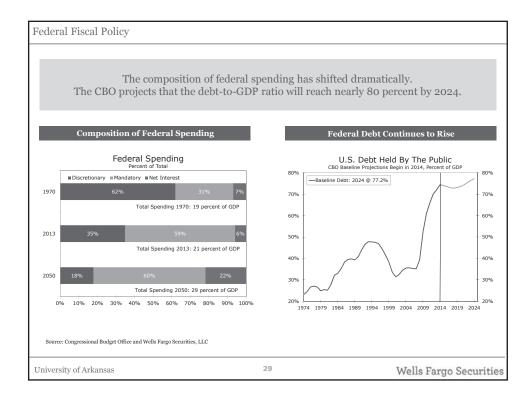












U.S. Forecast

	Actual 2014				Forecast 2015			Actual		Forecast			
	1Q	20 2Q	14 3Q	4Q	1Q	20 2Q	15 3Q	4Q	2012	2013	2014	2015	2016
Real Gross Domestic Product 1	-2.1	4.6	5.0	3.0	2.7	2.6	2.8	2.9	2.3	2.2	2.4	3.1	2.9
Personal Consumption	1.2	2.5	3.2	4.5	3.0	2.7	2.7	2.6	1.8	2.4	2.5	3.1	2.6
Inflation Indicators ²													
PCE Deflator	1.1	1.6	1.5	1.1	0.8	0.7	0.9	1.4	1.8	1.2	1.3	1.0	2.0
Consumer Price Index	1.4	2.1	1.8	1.2	0.7	0.5	0.8	1.7	2.1	1.5	1.6	0.9	2.4
Industrial Production ¹	3.9	5.7	4.0	5.9	4.7	4.9	3.5	3.1	3.8	2.9	4.3	4.7	3.6
Corporate Profits Before Taxes ²	-4.8	0.1	1.4	1.5	3.7	3.6	4.1	4.6	11.4	4.2	-0.4	4.0	5.2
Trade Weighted Dollar Index ³	76.9	75.9	81.3	85.1	86.8	88.0	89.3	90.5	73.5	75.9	78.5	88.6	92.9
Unemployment Rate	6.6	6.2	6.1	5.7	5.5	5.4	5.3	5.2	8.1	7.4	6.2	5.4	5.0
Housing Starts ⁴	0.93	0.99	1.03	1.02	1.06	1.13	1.21	1.24	0.78	0.92	1.00	1.17	1.28
Quarter-End Interest Rates ⁵													
Federal Funds Target Rate	0.25	0.25	0.25	0.25	0.25	0.50	0.75	1.00	0.25	0.25	0.25	0.63	2.00
Conventional Mortgage Rate	4.34	4.16	4.16	3.86	3.60	3.72	3.87	3.89	3.66	3.98	4.17	3.77	4.56
10 Year Note	2.73	2.53	2.52	2.17	1.99	2.21	2.29	2.30	1.80	2.35	2.54	2.20	2.82
Forecast as of: January 14, 2015 ¹ Compound Annual Growth Rate Qu ² Year-over-Year Percentage Chang ³ Federal Reserve Major Currency Ir ⁴ Millions of Units ⁵ Annual Numbers Represent Average	e ndex, 197	-		nd									

Appendix

		Recent Special Commentary	
	Date	Title	Authors
		U.S. Macro	
	January-06	Making Sense of Household Formations	Vitner & Khan
	December-15	Profits: Understanding Why and How of Cyclical Variation	Silvia & Iqbal
	December-15	Just Another Final Hour Budget Deal	Silvia & Brown
	December-12	What If We Just Need Fewer Jobs?	Silvia, Iqbal & House
		U.S. Regional	
	January-05	Pennsylvania 2015 Economic Outlook	Vitner, Wolf & Moehrin
	December-30	Florida Consumers Getting Better All the Time	Vitner & Wolf
To join any of our research	December-30	Colorado Economic Outlook: December 2014	Vitner & Moehring
distribution lists please visit our	December-19	California Employment Conditions: November 2014	Vitner & Wolf
website:		Global Economy	
110001001	January-06	Argentina's Economy Continued to Deteriorate in Q3 2014	Alemán
http://www.wellsfargo.com/		Real GDP Growth in Singapore Ends Year on Weak Note	Bryson
economics		Which Developing Countries Have External Debt "Issues"?	Bryson & Nelson
000110111100	December-19	Russian Central Bank Acts to Stop Ruble's Fall	Quinlan
		Interest Rates/Credit Market	
		Are Higher Rates a Liability for Households?	Silvia, Vitner & Brown
		FOMC Patiently Lays Groundwork	Bullard & Brown
		A Look Ahead to 2015: A Flatter Yield Cure, Refinancing Risk	Silvia, Vitner & Brown
	December-10	Fed Tightening Cycles and Yield Spreads: Flatter	Silvia, Vitner & Brown
		Real Estate	
		Nonresidential Construction Recap: December 2014	Khan
		Housing Chartbook: December 2014	Vitner & Khan Khan
		Dodge Momentum Index Inches Higher in November Commercial Real Estate Chartbook: Q3	Khan Vitner & Khan

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Global Head of Research & Economi	cs	Tim Quinlan, Economist	tim.quinlan@wellsfargo.com
ChiefE	conomist	Eric J. Viloria, Currency Strategist	eric.viloria@wellsfargo.com
		Sarah Watt House, Economist	sarah.house@wellsfargo.co
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Anika R. Khan, Senior Economist	anika.khan@wellsfargo.com	Cyndi Burris, Senior Administrative Assista	ant <u>cyndi.burris@wellsfargo.co</u>
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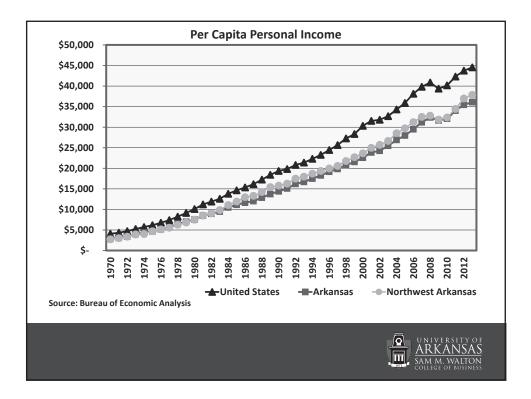


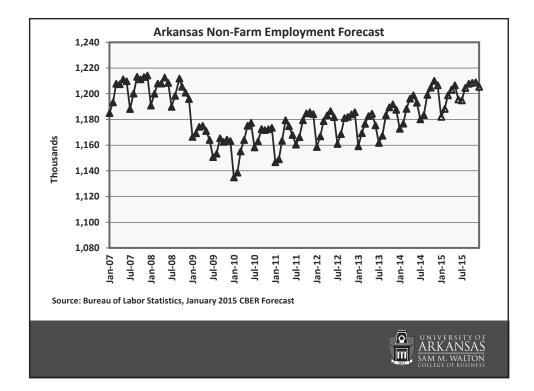
The Economic Forecast in 2015: This is Recovery

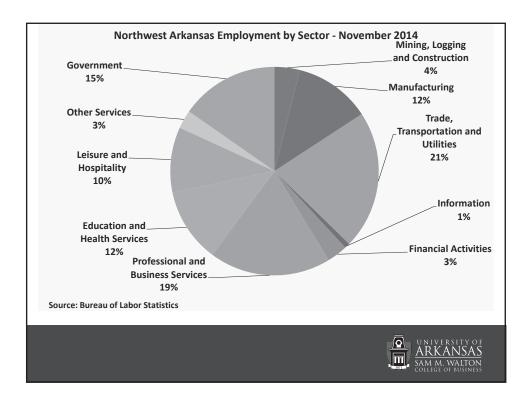
Kathy Deck, Director

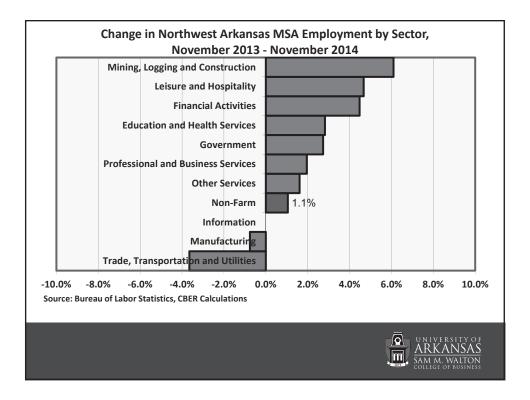
Center for Business and Economic Research

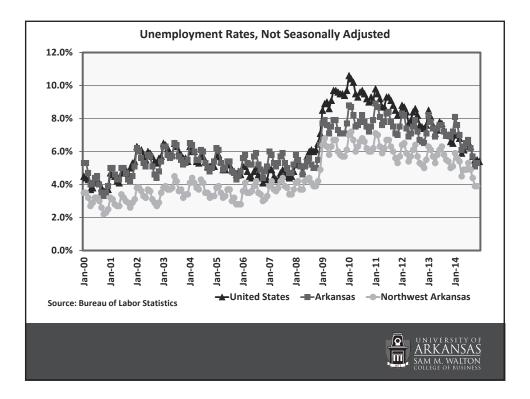
January 30, 2015

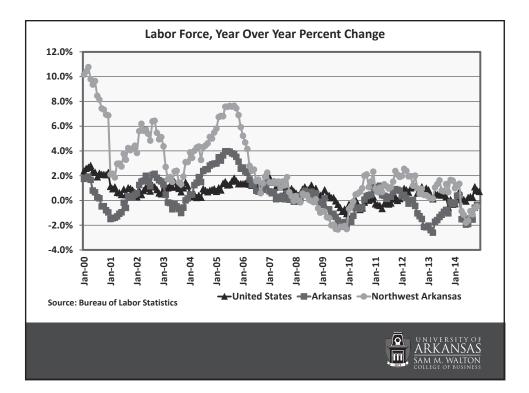


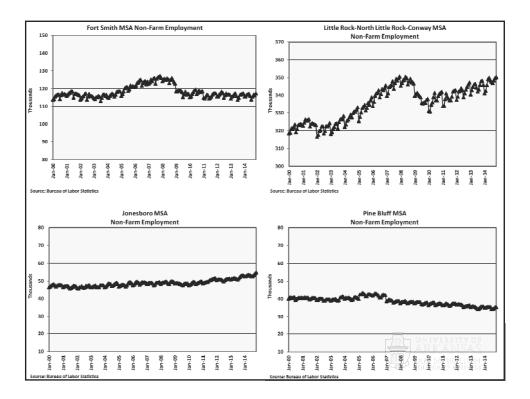


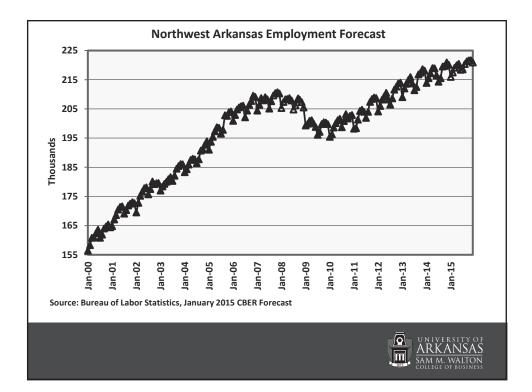


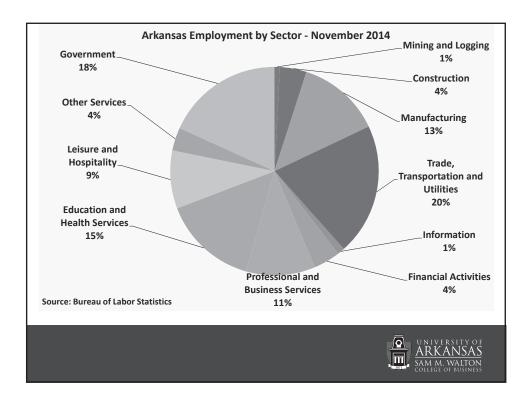


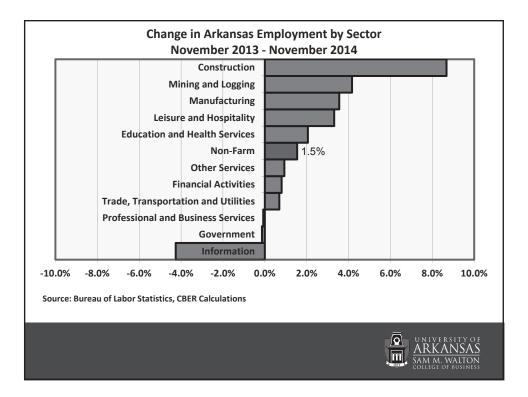












2015 is a Year of Transition

- Restructuring in our largest employers leaves our trade sector weaker than expected given national consumer confidence.
- Construction continues to be brisk at both the public and private level.
- Leisure and hospitality amenities build tourism potential (Amazeum, trails)
- Decades of entrepreneurship support mean systems exist for breakout company successes.

