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# WILL THE ECONOMIC ROAD TO RECOVERY FOR THE U.S. BE A ROUGH, ROCKY, AND UPHILL STRUGGLE?

http://www.huffingtonpost.com/2012/02/13/conference-board-useconomy\_n\_1265884.html

# Conference Board Economists: U.S. Economy Transitioning To A New Normal

""The economy that we had before the recession is gone," said Kenneth Goldstein, economist at the Conference Board. "It's not coming back."The U.S. economy is transitioning to a new normal in which businesses invest less and consumers spend less than before the recession, Goldstein told The Huffington Post in an

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interview last week. As a result, he said, economic growth and job growth will be slower than before."

Fed officials, including Chairman Bernanke, have recently testified that the outlook for the job market and personal consumer spending is dismal.

http://econnewsletter.com/120101.html

Chairman Ben S. Bernanke: Semiannual Monetary Policy Report to the Congress (February 29, 2012 and March 1, 2012)

http://www.federalreserve.gov/newsevents/testimony/bernanke20120229a. htm

"The unemployment rate remains elevated, long-term unemployment is still near record levels, and the number of persons working part time for economic reasons is very high."

"Real household income and wealth were flat in 2011, and access to credit remained restricted for many potential borrowers."

Reporting by the media portrays little of such pessimism. What is really going on?

# CHANGES IN THE EMPLOYMENT PICTURE

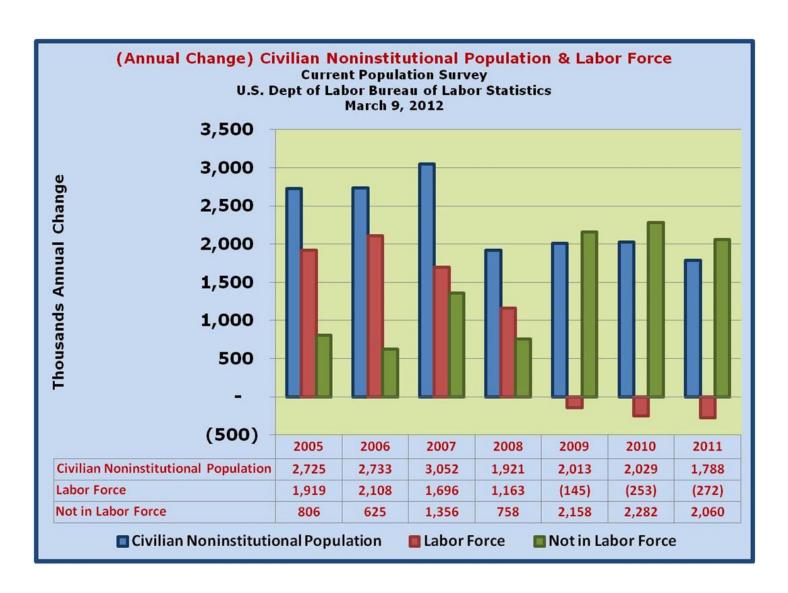
# **Civilian Noninstitutional Population**

#### **Civilian Labor Force**

Employed
Unemployed
Unemployment Rate

#### **Not in Labor Force**

Labor Force Participation Rate



In 2009 there was a reduction in the Labor Force of 145,000; in 2010 a reduction 253,000; and 2011 a drop of 272,000. The last time there was a fall-off in the Labor Force was 1951 when it dropped by 191,000. This could have been related to the to the Korean War. From 1948 through 2011, the Labor Force has grown by around 1.5 million per year on average.

What this means is that in spite of adding 5.83 million to the Civilian Noninstitutional Population from 2009-2011, the Labor Force actually shrank by 670,000. Again, not only were the 5.8 million people (in a net sense) sidelined, but there were an additional 670,000 removed from the Labor Force for a total of 6.5 million that were added to those not in the Labor Force.

The Civilian Noninstutional Population (those 16 years and older, not in the military, incarcerated, etc.) consists of the Civilian Labor Force (Employed and Unemployed) and those not in the Labor Force (discouraged workers, retirees, stay at home spouses, etc.)

#### Summary – From 2008 through 2011

The Civilian Noninstitutional Population grew by 5,830,000; the Civilian Labor Force contracted by 670,000; and those 'not' in the Labor Force grew by 6,500,000. The net efect was a significant drop in the Labor Force Participation Rate. The Labor Force Participation Rate = Civilian Labor Force (Employed + Unemployed) / Civilian Noninstitutional Population

To make the effects more concrete, if we examine the negative impact on GDP both in total and on a per capita basis for the years 2009-2011 (using

2008 as a baseline when the Labor Force Participation Rate was 66% and the Unemployment Rate was under 6%), we can see how it increased the scarcity of goods and services facing the U.S. population. We will calculate this by estimating GDP per member of the labor force that is classified as employed and multiplying that figure by the shortfall of employment if the economy had achieved 6% unemplyment rate (the complement of an employment rate of 94%) and a labor force participation rate of 66%. By historical standards, these are rather modest goals.

Actual N	om	inal GDP a	nd E	mployment	200	8 - 2011
						GDP per
						Capita
		GDP (\$		Employment	En	nployed (in
		billions)	8	(millions)	1	thousands)
2008	\$	14,291.5		145.4	\$	98.32
2009		13,939.0		139.9	\$	99.7
2010		14,526.5		139.1	\$	104.5
2011	8.	15,094.4		139.9	\$	107.9
Total GDP	\$	57,851.4				

	Nominal GDP and Employment Shortfall 2009 - 2011 (using 66% Labor Force Participation Rate and 6% Unemployment)								
			GDP per						
		Employment	Capita						
	GDP Shortfall	Shortfall	Employed (in						
	(\$ billions)	(millions)	thousands)						
2008	\$ -	-	\$ -						
2009	648.0	6.50	\$ 99.7						
2010	905.7	8.67	\$ 104.5						
2011	948.6	8.79	\$ 107.9						
Total GDP Shortfall	\$ 2,502.4								

## Year ending 2011 annual figures...

In 2011, the Nominal GDP was \$15.0944 trillion.

The Civilian Noninstitutional Population was 239,618,000

The Civilian Labor Force was 153,617,000 (with 139,869,000 Employed, and 13,747,000 Unemployed)

The Labor Force Participation Rate = Civilian Labor Force / Civilian Noninstitutional Population

The Labor Force Participation Rate = 153,617,000 / 239,618,000

The Labor Force Participation Rate = 64.1%

The U-3 Unemployment Rate = Unemployed / Civilian Labor Force

The Unemployment Rate = 13,747,000 / 153,617,000

The Unemployment Rate = 8.9%

- 1) Current Per Capita (Employed) GDP = GDP / Employed
- = \$15.0944 trillion /139,869,000
- = \$107,918 GDP / Employed
- 2) If the Labor Force Participation Rate was 66.0% and the Unemployment Rate was 6.0%...

Civilian Noninstitutional Population 239,618,000 X 66.0% = 158,148,000 Labor Force

Unemployment Rate = Unemployed / Labor Force

6% = Unemployed / 158,148,000

Unemployed =  $6\% \times 158,148,000$ 

Unemployed = 9,488,880

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Employed = Labor Force - Unemployed

Employed = 158,148,000 - 9,488,880

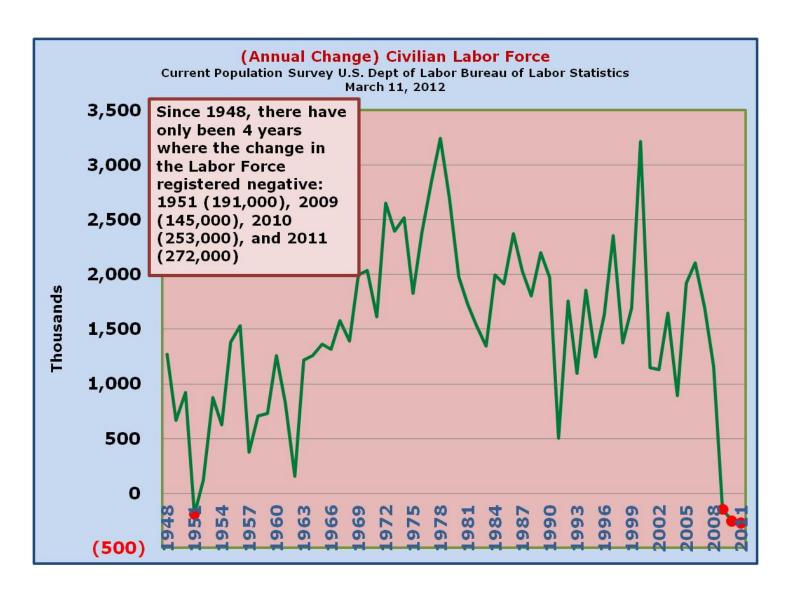
Employed = 148,659,000

3) Change in Employed [adjusted for 66% Labor Force Participation Rate and 6.0% Unemployment Rate] = (148,659,000 – 139,869,000)

Change in Employed = 8,790,000

Using GDP per Employed of \$107,918...

8,790,000 X \$107,918 = \$948.6 billion of GDP (or 6.3% of the 15,094 billion total GDP) that could be added if 8.79 million were employed and contributing to the GDP at the same current rate!



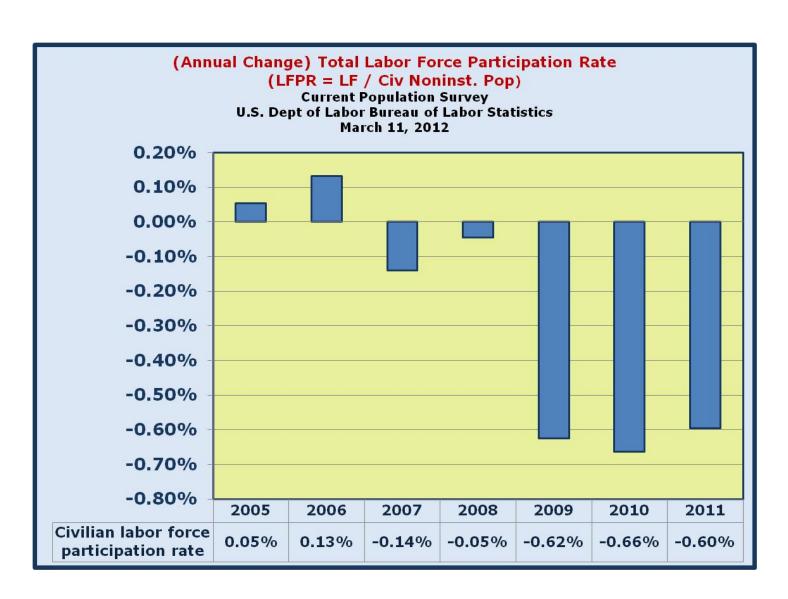
Prior to 2009, a negative annual change in the Labor Force has only occurred once, in 1951, since the Bureau of Labor Statistics began reporting it in 1947. Beginning with 2009, it has turned negative for three consecutive years.

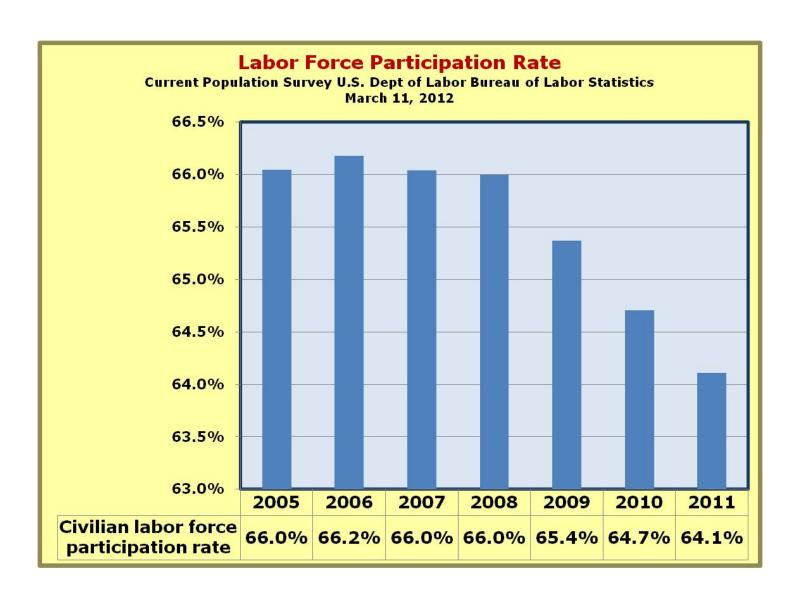
#### Ages 16 and Over (the overall Employment Picture)

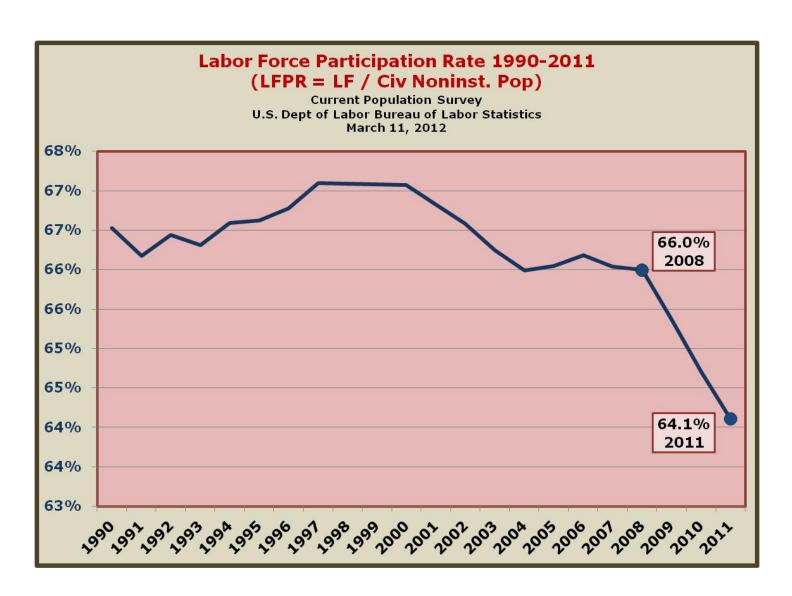
Again from 2008 through 2011, the Civilian Noninstitutional Population grew by 5,830,000 while the Civilian Labor Force contracted by 670,000 resulting in 6.5 million people being sidelined or added into the 'Not in the Labor Force' portion of the Civilian Noninstitutional Population (Civilian Noninstitutional Population = those not in the Labor Force and those in the Labor Force). The employment level dropped by 5,493,000 and unemployment increased by 4,823,000 contributing to an increase of unemployment rate by 3.2%, from 2008 to 2011.

Ages 16 and o	Ages 16 and over Changes in Employment, etc., from 2008 - 2011									
in thousands	2008	2009	2010	2011	Increase / (Decrease)					
Civilian Noninstitutional Population	233,788	235,801	237,830	239,618	5,830					
Not in Labor Force	79,501	81,659	83,941	86,001	6,500					
Civilian Labor Force	154,287	154,142	153,889 153,617		(670)					
Employed	145,362	139,877	139,064	139,869	(5,493)					
Unemployed	8,924	14,265	14,825	13,747	4,823					
Unemployment Rate	5.8%	9.3%	9.6%	8.9%	3.2%					
Labor Force Participation Rate	66.0%	65.4%	64.7%	64.1%	-1.9%					

The Labor Force Participation Rate is the ratio between the Civilian Labor Force and the Civilian Noninstitutional Population. In the following chart we are showing the annual change in Labor Force Participation Rate from 2005 through 2011. Our reference to a negative annual marginal LFPR or marginal Labor Force Participation Rate helps to explain why there has been such a precipitous drop in the overall Labor Force Participation Rate over the last few years.







In the following graphs we drill down on employment changes from 2008-2011 for various age groups, ranging from 16-24 to 65 and over. Pay particularly close attention to the net change column on the right, especially the Unemployment Rates and the Labor Force Participation Rates.

#### Ages 16 to 24

From 2008 through 2011, the Civilian Noninstitutional Population grew by 714,000 while the Civilian Labor Force contracted by 1,035,000 resulting in 1,749,000 million people being sidelined or added into the 'Not in the Labor Force' portion of the Civilian Noninstitutional Population (Civilian Noninstitutional Population = those not in the Labor Force and those in the Labor Force). While some of those in this youngest employment cohort opted to go to school (as typically happens when the economy deteriorates), the unemployment rate hike of 4.5% from 12.8% in 2008 to 17.3% in 2011 highlights the gravity of the problem. On a brighter note, the unemployment rate dropped 1.1% from 2010 to 2011.

Ages 16 to 2	Ages 16 to 24 Changes in Employment, etc., from 2008 - 2011										
in thousands	2008	8 2009 2010 2011		2008 2009 2010		Increase / (Decrease)					
Civilian Noninstitutional Population	37,484	37,568	37,948	38,198	714						
Not in Labor Force	15,452	16,207	17,014	17,201	1,749						
Civilian Labor Force	22,032	21,361	20,934	20,997	(1,035)						
Employed	19,202	17,601	17,077	17,362	(1,840)						
Unemployed	2,830	3,760	3,857	3,634	804						
Unemployment Rate	12.8%	17.6%	18.4%	17.3%	4.5%						
Labor Force Participation Rate	58.8%	56.9%	55.2%	55.0%	-3.8%						

#### Ages 25 to 54

From 2008 through 2011, the Civilian Noninstitutional Population declined by 948,000 as the baby-boomers (born 1946 through 1964) continued moving into the 55 and over grouping. While the pain of the deterioration in the Employment Picture runs throughout the various age groups, it is in the 25 through 54 segment which are really the prime earning years and are reflected in the very high Labor Force Participation Rate. The problem of course is that this portion of the population was affected the most by the economic collapse. In 2011, this segment (124,704,000) comprised 52% of the Civilian Noninstitutional Population (239,618,000), but accounted for 59% of the unemployed (8,069,000 of the 13,747,000 total unemployed).

Ages 25 to 5	4 Changes	in Emplo	yment, etc	., from 20	08 - 2011	
in thousands	2008 2009 2010 2011		Increase / (Decrease)			
Civilian Noninstitutional Population	125,652	125,565	125,290	124,704	(948)	
Not in Labor Force	21,255	21,823	22,350	22,961	1,706	
Civilian Labor Force	104,396	103,742	102,940	101,744	(2,652)	
Employed	99,369	95,144	94,082	93,674	(5,695)	
Unemployed	5,027	8,597	8,858	8,069	3,042	
Unemployment Rate	4.8%	8.3%	8.6%	7.9%	3.1%	
Labor Force Participation Rate	83.1%	82.6%	82.2%	81.6%	-1.5%	

#### Ages 55 and over

From 2008 through 2011, the baby-boomers (born 1946 through 1964) rolled into this age group, expanding it by 8.5%, from 70,652,000 in 2008 to 76,716,000 in 2011, a 6,064,000 increase. While the younger age groups experienced massive deterioration in terms of the Labor Force, Employment, Unemployment Rate, and the Labor Force Participation Rate, the 55 and older segment showed remarkable improvements in all of those categories.

Ages 55 and o	Ages 55 and over Changes in Employment, etc., from 2008 - 2011										
in thousands	2008	2009	2010	2011	Increase / (Decrease)						
Civilian Noninstitutional	70,652	72,668	74,591	76,716	6,064						
Not in Labor Force	42,794	43,629	44,577	45,839	3,045						
Civilian Labor Force	27,858	29,040	30,014 30,876		3,018						
Employed	26,791	27,132	27,904	28,833	2,042						
Unemployed	1,067	1,907	2,110	2,044	977						
Unemployment Rate	3.8%	6.6%	7.0%	6.6%	2.8%						
Labor Force Participation Rate	39.4%	40.0%	40.2%	40.2%	0.8%						

Again, in the following tables we include data reflecting narrower age groupings for the employment picture so that you can see where you fit into the scheme of things. We will leave the exploring up to you, but it is remarkable to note that the 65 and over was the only segment to experience a rising Labor Force Participation Rate. Seniors are rejoining (or never leaving) the working ranks. This might be due to the economic hardship, the desire to continue working, pension shortfalls, etc. We will be addressing the pension issue very soon. There are many more observations, but we'll leave it at that.

Be sure to scroll down to the bottom for some final words on how a recovery will look.

Ages 25 to 3	4 Changes	in Emplo	yment, etc	c., from 20	008 - 2011	
in thousands	2008	2009	2010	2011	Increase / (Decrease)	
Civilian Noninstitutional Population	39,993	40,280	40,903	41,364	1,371	
Not in Labor Force	6,661	6,982	7,289	7,639	978	
Civilian Labor Force	33,332	33,298	33,614	33,724	392	
Employed	31,383	30,014	30,229	30,537	(846)	
Unemployed	1,949	3,284	3,386	3,187	1,238	
Unemployment Rate	5.8%	9.9%	10.1%	9.5%	3.6%	
Labor Force Participation Rate	83.3%	82.7%	82.2%	81.5%	-1.8%	

Ages 35 to 4	Ages 35 to 44 Changes in Employment, etc., from 2008 - 2011										
in thousands	2008	2009	2010	2011	Increase / (Decrease)						
Civilian Noninstitutional Population	41,699	40,919	40,090	39,499	(2,200)						
Not in Labor Force	6,638	6,681	6,724	6,839	201						
Civilian Labor Force	35,061	34,239	33,366	32,660	(2,401)						
Employed	33,457	31,517	30,663	30,270	(3,187)						
Unemployed	1,604	2,722	2,703	2,389	785						
Unemployment Rate	4.6%	7.9%	8.1%	7.3%	2.7%						
Labor Force Participation Rate	84.1%	83.7%	83.2%	82.7%	-1.4%						

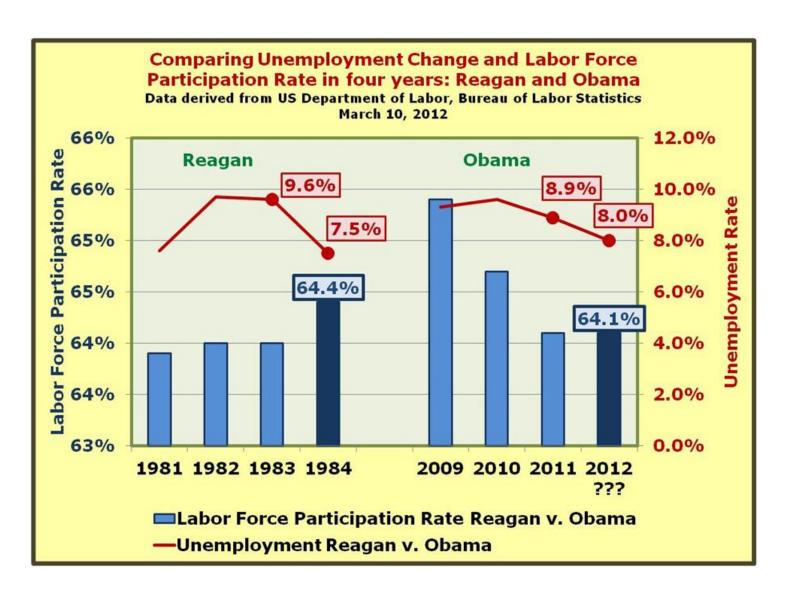
Ages 45 to 5	Ages 45 to 54 Changes in Employment, etc., from 2008 - 2011										
in thousands	2008	2009	2010	2011	Increase / (Decrease)						
Civilian Noninstitutional Population	43,960	44,365	44,297	43,842	(118)						
Not in Labor Force	7,957	8,160	8,337 8,483		526						
Civilian Labor Force	36,003	36,205	35,960	35,360 (6							
Employed	34,529	33,613	33,191	32,867	(1,662)						
Unemployed	1,473	2,592	2,769	2,493	1,020						
Unemployment Rate	4.1%	7.2%	7.7%	7.1%	3.0%						
Labor Force Participation Rate	81.9%	81.6%	81.2%	80.7%	-1.2%						

Ages 55 to 6	Ages 55 to 64 Changes in Employment, etc., from 2008 - 2011										
in thousands	2008	2009	2010	2011	Increase / (Decrease)						
Civilian Noninstitutional Population	33,491	34,671	35,885	36,987	3,496						
Not in Labor Force	11,876	12,165	12,589	13,222	1,346						
Civilian Labor Force	21,615	22,505	23,297	23,765	2,150						
Employed	20,812	21,019	21,636	22,186	1,374						
Unemployed	803	303 1,487 1,660		1,579	776						
Unemployment Rate	3.7%	6.6%	7.1%	6.6%	2.9%						
Labor Force Participation Rate	64.5%	64.9%	64.9%	64.3%	-0.3%						

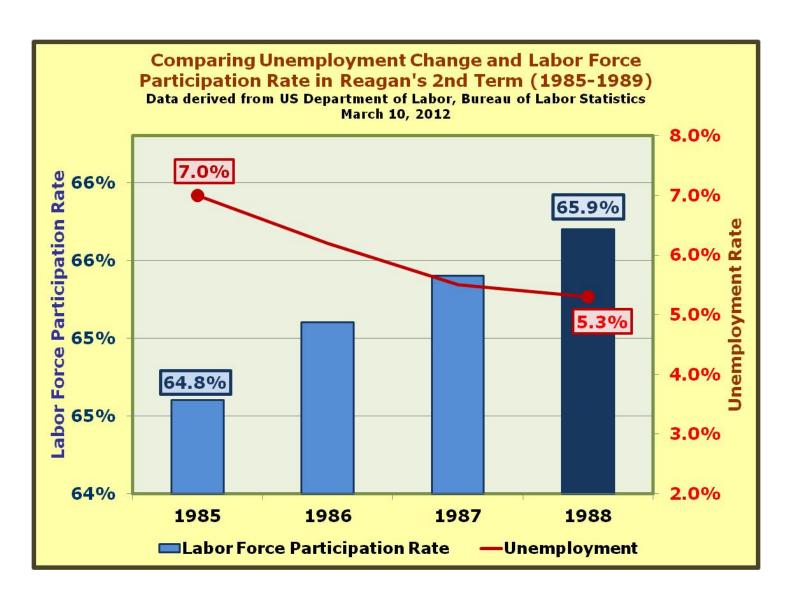
Ages 65 and o	Ages 65 and over Changes in Employment, etc., from 2008 - 2011									
in thousands	2008 2009 2010 2011		2010 20:		Increase / (Decrease)					
Civilian Noninstitutional Population	37,161	37,998	38,706	39,729	2,568					
Not in Labor Force	30,918	31,464	31,988	32,617	1,699					
Civilian Labor Force	6,243	6,243 6,534		7,112	869					
Employed	5,979	6,114	6,268	6,647	668					
Unemployed	264	421	449	465	201					
Unemployment Rate	4.2%	6.4%	6.7%	6.5%	2.3%					
Labor Force Participation Rate	16.8%	17.2%	17.4%	17.9%	1.1%					

A quick	look	back a	at chal	lenging	times	for	two	presider	ntial ad	dminist	trations

Tale of the Tape...Reagan – Obama



Both Reagan and Obama were beset with economic challenges in their respective administrations. Under Reagan's watch, from 1985 through 1988, the Unemployment Rate went from 7% to 5.3% and the Labor Force Participation Rate went from 64.8% to 65.9%.



Road to Recovery by March 2015, or wishful thinking?

6.0% Unemployment

66.0% Labor Force Participation Rate

Employed increasing 12.9 million

Unemployed falling by 2.9 million

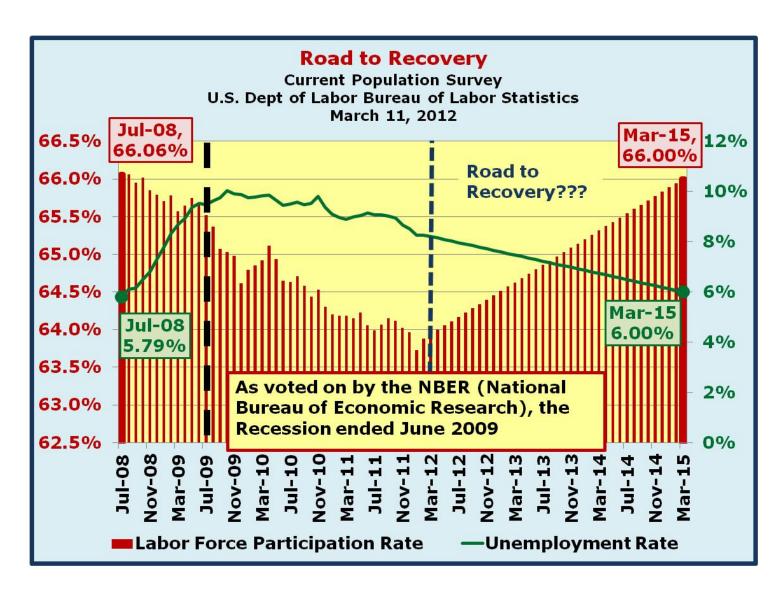
Labor Force expanding by 10 million

A *hopeful* scenario...assuming the following:

Civilian Noninstitutional Population expands by 200,000 per month

Unemployment Rate falls by 0.06% per month

Labor Force Participation Rate improves by 0.057% per month



Ages 16 and over Changes in Employment, etc., from 2012 - 2015					
in thousands	Feb 2012	Mar 2013	Mar 2014	Mar 2015	Increase / (Decrease)
Civilian Noninstitutional Population	242,435	245,035	247,435	249,835	7,400
Not in Labor Force	87,564	86,678	85,825	84,940	(2,624)
Civilian Labor Force	154,871	158,357	161,610	164,895	10,024
Employment Level	142,065	146,525	150,723	155,000	12,935
Unemployed	12,806	11,832	10,887	9,895	(2,911)
Unemployment Rate	8.3%	7.5%	6.7%	6.0%	-2.3%
Labor Force Participation Rate	63.9%	64.6%	65.3%	66.0%	2.1%

The likelihood of a U.S. economy recovery as depicted above really depends on the extent that we aggressively pursue policies aimed at growing the GDP at a more rapid pace, focusing on economic expansion and fostering a more competitive economic environment. We will be posting articles relating to the *American Economic Vision* going forward...very soon.