

Trend Macrolytics, LLC Donald Luskin, Chief Investment Officer Thomas Demas, Managing Director

Data Insights: Jobs

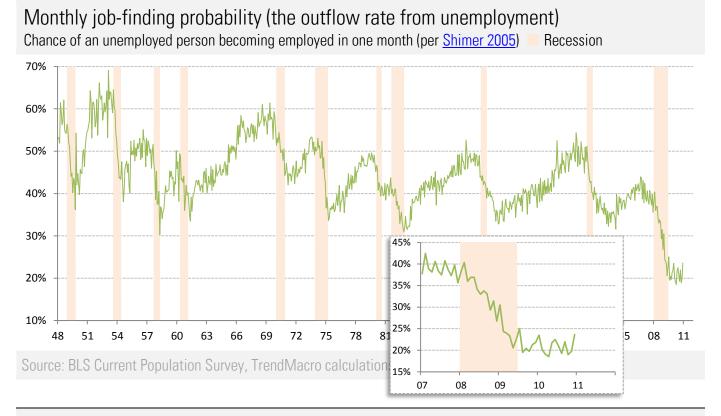
Friday, January 7, 2011

Today's jobs data: what you need to know						
Non-farm payrolls	Change Dec:	+103	Revision Nov:	+70	Revision Oct: +38	
Private payrolls	Change Dec:	+113	Revision Nov:	+62	Revision Oct: +33	ահուն
Employment	Change Dec:	+297				الم من الما
Unemployment	Change Dec:	-556				$\Gamma_{n,n} \sigma_{n,n} \Gamma$
Civilian labor force	Change Dec:	-260	From trend	-3,949	More than all leavers unemployed	$\mathrm{ad}_{q^{-1}\cdots q^{-1}}$
Unemployment rate	Dec:	9.42%	Change Dec:	-0.35%		\sim
Underemployment rate	Dec:	16.7%	Change Dec:	-0.3%		\bigwedge
Avg weeks unemployed	Dec:	34.2	Change Dec:	+0.3		\sum
% longterm unemployed	Dec:	44.3%	Change Dec:	+2.1%		$\int \int \int dx = \int d$
Agg hours worked index	Dec:	93.2	Change Dec:	+0.1%		
Agg weekly earnings	Dec:	101.3	Change Dec:	+0.3%		
Monthly job-finding probability	Dec:	23.6%	Change Dec:	+3.9%		$\bigvee \bigvee \bigvee$
Monthly separation probability	Dec:	2.2%	Change Dec:	-0.1%		\bigvee
% involuntary part-time	Dec:	6.4%	Change Dec:	-0.0%		\sim
"Household" vs "Payroll" jobs	Change Dec:	+397	Revision Nov:	-24	Revision Oct: +17	$\mu^{(1)}(t) = \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} $

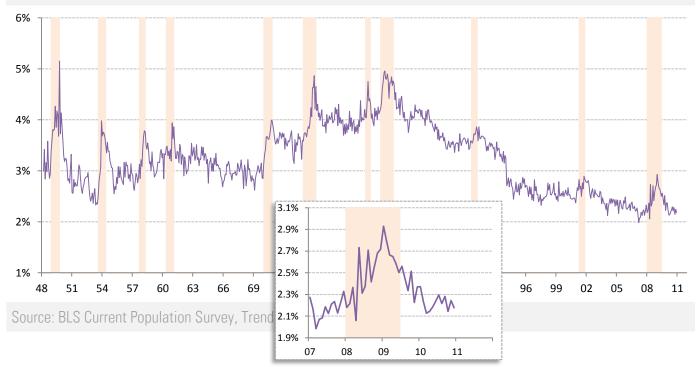
Source: Bureau of Labor Statistics, TrendMacro calculations

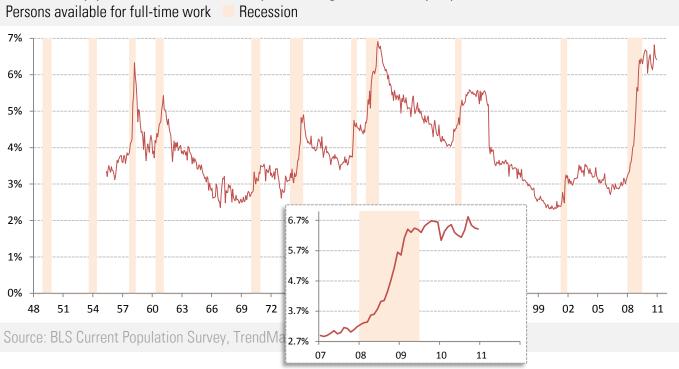
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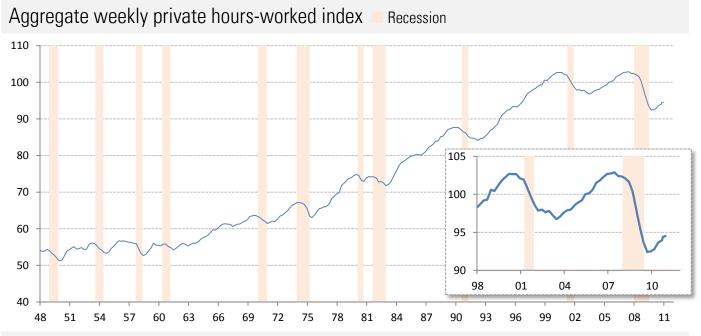


Monthly job-separation probability (the inflow rate to unemployment) Chance of an employed person becoming unemployed in one month (per <u>Shimer 2005</u>) Recession

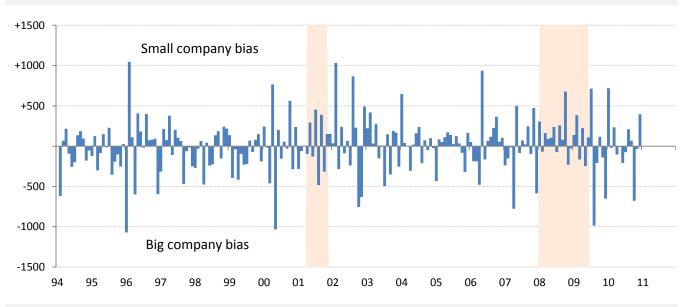




Involuntary part-time workers as percentage of the employed labor force



Source: BLS Productivity and Costs (quarterly) and Current Employment Statitics (recent monthly), TrendMacro calculations



Difference in employment change: "household" minus "payroll" surveys = Recession

Source: BLS Current Population Survey and Current Employment Statistics, TrendMacro calculations

