NEW FED TARGETS AND MONEY:
CFS MONEY SUPPLY STATISTICS
DATA FOR DECEMBER 2012

Today, CFS monetary data decisively demonstrate that the US economy is gaining momentum. This presents a contrast to our last three consecutive months that clearly signaled the economy bottomed.

Despite worries surrounding the fiscal cliff, the broadest measure of money (CFS Divisia M4) gained 6.9% in December 2012 on a year-over-year basis. This represents the most rapid expansion in broad money in the economy since 2008. CFS Divisia M4 gained 5.1% on a year-over-year basis in the previous month and a scant 0.9% in December 2011. So, the financial system and the economy are on the mend.

Unemployment Target and Money

In the last Federal Open Market Committee (FOMC) meeting, the Fed critically altered its trigger for a shift in monetary policy from a specified date\(^1\) to the unemployment rate.\(^2\) So, the Fed is now set to preserve an accommodative monetary stance “as long as the unemployment rate remains above 6½% and forward looking inflation is “no more than a half percentage point above the Committee’s 2 percent longer run goal.”

Interestingly, our monetary data suggest that the unemployment rate may reach 6½% earlier than presently being anticipated by the FOMC. The chart (Figure 1) highlights a close relationship between

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the broad money and unemployment. Over the years, there has been a very well documented time delay between changes in monetary growth and final targets of policy. This “causality” relationship has been evident under all Fed operating regimes, with strong causality of money to GDP with lags extending back at least two years. Our chart displays a similar lagged influence of monetary growth on unemployment – up until around 1992, after which time the delay seems to have disappeared.

Based on trends present in the CFS data, the unemployment rate may head toward the 6½% level earlier than anticipated by the Fed. At present, the Federal Reserve Board members and presidents of the regional Federal Reserve banks expect the unemployment rate to reach 6½% some time in 2015. The Board estimates a central tendency forecast range of 6.0 to 6.6% for 2015.

The Markets

The markets similarly expect a higher funds rate in 2015, with the probability of a rate hike escalating after November 2014 and an actual move occurring around September 2015. Our data suggests the timing may be even earlier. The unemployment rate and money will be key factors to watch.

Figure 2. Future Federal Funds Rate Implied by Futures Contracts

Figure 3. Major CFS Monetary Aggregates and Reserve Balances, % year-over-year

<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>Jul-12</th>
<th>Aug-12</th>
<th>Sep-12</th>
<th>Oct-12</th>
<th>Nov-12</th>
<th>Dec-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFS DM4</td>
<td>7.3%</td>
<td>8.3%</td>
<td>-4.9%</td>
<td>-0.8%</td>
<td>0.9%</td>
<td>2.9%</td>
<td>3.3%</td>
<td>4.3%</td>
<td>4.4%</td>
<td>5.1%</td>
<td>6.9%</td>
</tr>
<tr>
<td>CFS DM4-</td>
<td>7.2%</td>
<td>2.5%</td>
<td>-5.0%</td>
<td>-0.6%</td>
<td>2.7%</td>
<td>2.5%</td>
<td>2.5%</td>
<td>3.7%</td>
<td>3.9%</td>
<td>4.5%</td>
<td>6.9%</td>
</tr>
<tr>
<td>CFS DM3</td>
<td>8.1%</td>
<td>3.0%</td>
<td>-2.3%</td>
<td>0.1%</td>
<td>3.6%</td>
<td>3.6%</td>
<td>3.3%</td>
<td>4.3%</td>
<td>4.5%</td>
<td>4.9%</td>
<td>6.9%</td>
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Reserves | 0.0%  | 1802%| 38.8%| -5.4%| 48.2%| -6.6%  | -5.1%  | -7.7%  | -6.9%  | -2.8%  | -1.8%  |

Source: Center for Financial Stability and Federal Reserve Board (total reserves of depository institutions).

About CFS Money Supply

CFS Divisia monetary measures were developed under the direction of Professor William A. Barnett - one of the world’s leading experts on monetary and financial aggregation theory. CFS money supply data are essential, especially since the Federal Reserve ceased production of M3 in 2006. Similarly, Divisia measures are superior, as they accurately weight various classifications of money from cash to leverage in the shadow banking system.

For more information about CFS Divisia please contact:
William A. Barnett (Methodology)                 (212) 626-2660 / wbarnett@the-cfs.org
Lawrence Goodman (Policy and Market Application)               (212) 626-2660 / lgoodman@the-cfs.org

Next release – February 20, 2014 at 9:00 A.M. EST

Additional information: www.CenterforFinancialStability.org

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