Part 1

September 12, 2007

CURRENT ECONOMIC AND FINANCIAL CONDITIONS

Summary and Outlook

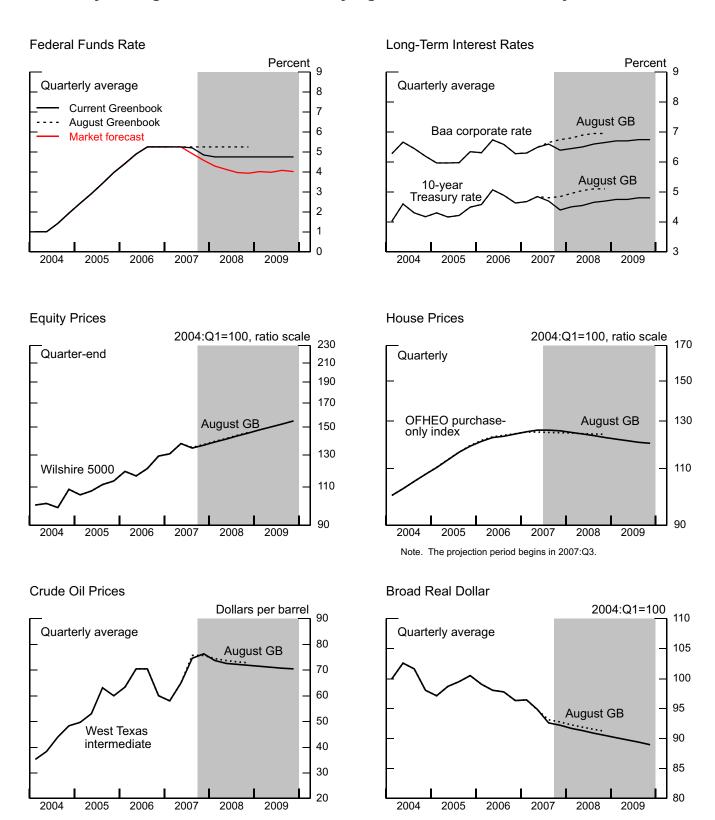
September 12, 2007

Summary and Outlook

Prepared for the Federal Open Market Committee by the staff of the Board of Governors of the Federal Reserve System

Class II FOMC -- Restricted (FR)

Key Background Factors Underlying the Baseline Staff Projection



Note. In each panel, shading represents the projection period.

Summary of the Near-Term Outlook

(Percent change at annual rate except as noted)

	200)7:Q2	2007	7:Q3	2007	7:Q4
Measure	Aug. GB	Sept. GB	Aug. GB	Sept. GB	Aug. GB	Sept. GB
Real GDP	3.4	3.7	2.2	2.6	1.6	1.0
Private domestic final purchases	1.5	1.7	.7	.9	.9	.3
Personal consumption expenditures	1.3	1.4	2.0	2.4	1.9	1.9
Residential investment	-10.4	-12.4	-19.6	-21.0	-21.3	-28.2
Business fixed investment	9.6	10.4	2.4	1.9	4.4	3.5
Government outlays for consumption and investment	4.5	4.1	3.2	2.9	2.7	3.1
			tributio ercentaș	_		
Inventory investment	.2	.1	.4	.4	.4	.3
Net exports	1.0	1.3	.5	.8	1	2

Real consumer spending entered the second half of the year on a favorable note and is projected to increase at an annual rate of $2\frac{1}{2}$ percent this quarter. Real expenditures on goods rose briskly in July despite a second month of disappointing motor vehicle sales. In August, auto sales bounced back to a rate of $16\frac{1}{4}$ million units, well above the June-July average pace. However, consumer sentiment dropped in August amid downbeat news reports on economic and financial developments. Reflecting this deterioration in sentiment and the slower income growth that will accompany the softer labor market, fourth-quarter PCE growth slows to just below an annual rate of 2 percent.

Housing demand appears to have deteriorated further since the last Greenbook. Although sales of new and existing homes in July came in close to our expectations, forward-looking indicators—such as pending home sales and homebuying sentiment—suggest that worsening conditions in the mortgage markets will lead to substantially weaker sales in the months ahead. Builders cut single-family housing starts a further 7½ percent in July, but the inventory of unsold new homes remains elevated. Given this supply imbalance and our expectation of continued weakness in demand, we anticipate that builders will slash production further in coming months. Single-family starts are projected to drop from an average level of 1.17 million units in the second quarter to just under 900,000 units early next year. In all, we project that real residential investment will contract at annual rates of 21 percent in the third quarter and 28 percent in the fourth quarter.

Projections of Real GDP (Percent change at annual rate from end of preceding period except as noted)

Measure	20	007	2008	2009
Wiedsure	H1	H2	2000	2007
Real GDP Previous	2.1 2.0	1.8 1.9	1.7 2.0	2.2
Final sales Previous	2.4 2.3	1.4 1.5	1.7 2.1	2.1
PCE	2.6	2.2	1.8	2.1
Previous	2.5	2.0	2.0	
Residential investment	-14.4	-24.7	-7.4	2.5
Previous	-13.4	-20.5	-4.0	
BFI	6.2	2.7	1.9	3.1
Previous	5.8	3.4	3.1	
Government purchases	1.8	3.0	1.7	1.0
Previous	2.0	3.0	1.5	
Exports	4.4	9.6	5.8	5.9
Previous	3.3	6.2	5.8	
Imports	.6	4.6	2.7	4.4
Previous	.7	2.7	3.0	
		Contribu (percer	tion to gr ntage poi	
Inventory change	3	.4	0	.1
Previous	2	.4	1	
Net exports	.4	.3	.2	0
Previous	.3	.2	.2	

^{...} Not applicable.

largely recovered by the end of next year, we are projecting real GDP growth to improve to 21/4 percent in 2009, a touch above its potential rate of growth. The subpar pace of activity over the next year and a half is projected to push the unemployment rate up to nearly 5 percent by 2009, a shade above the staff's revised estimate of the NAIRU.

Household spending. Real consumer spending is projected to increase 1¾ percent in 2008, a pace that is about ¹/₄ percentage point below our forecast in the August Greenbook and well below the expected pace of real income growth next year. In part,

Decomposition of Structural Labor Productivity Nonfarm Business Sector

(Percent change, Q4 to Q4, except as noted)

Measure	1974- 95	1996- 2000	2001- 03	2004	2005	2006	2007	2008	2009
Structural labor productivity	1.5	2.5	3.1	2.4	2.0	2.0	1.9	1.8	1.8
Previous	1.5	2.5	3.1	2.4	2.0	2.0	1.9	1.8	• • •
Contributions ¹									
Capital deepening	.7	1.4	.7	.6	.6	.7	.6	.6	.5
Previous	.7	1.4	.7	.6	.6	.7	.6	.6	
Multifactor productivity	.5	.7	2.1	1.5	1.1	1.1	1.1	1.1	1.1
Previous	.5	.7	2.1	1.5	1.1	1.1	1.1	1.1	
Labor composition	.3	.3	.3	.3	.3	.2	.2	.2	.1
Мемо									
Potential GDP	3.0	3.3	3.0	2.3	2.2	2.2	2.2	2.2	2.1
Previous	3.0	3.3	3.0	2.3	2.2	2.2	2.2	2.2	

NOTE. Components may not sum to totals because of rounding. For multiyear periods, the percent change is the annual average from Q4 of the year preceding the first year shown to Q4 of the last year shown.

- 1. Percentage points.
- ... Not applicable.

remains at that level going forward. Because this change implies that the level of employment, and thus production, can now be higher without putting upward pressure on inflation, we have also raised our estimate of the level of potential output. The upward revision to the level of potential output is phased in gradually and, by the end of 2006, has cumulated to \(\frac{1}{4} \) percent, implying that the output gap is smaller by that amount in the first half of this year than we thought previously. However, we have not changed our assumptions about the growth of potential going forward and continue to assume a trend rate of expansion in the economy of a little over 2 percent. The higher level of potential output in this forecast and the downward adjustments that we have made to actual GDP result in a lower average level of resource utilization in this forecast. Indeed, the GDP gap is effectively zero at the end of this year, and in 2009, we expect the level of actual output to fall short of potential by ¼ percentage point.

Productivity and the labor market. As noted earlier, we expect employment to essentially flatten out in coming months, when activity is projected to be especially weak. With the growth of real output expected to pick up some as we move into 2008, private

The Outlook for the Labor Market	
(Percent change, Q4 to Q4, except as noted)	

Measure	2006	2007	2008	2009
Output per hour, nonfarm business Previous	.9 .9	1.9 1.7	1.7 2.0	1.9
Nonfarm private payroll employment Previous	1.8 1.8	1.0 1.0	.5 .6	.8
Household survey employment Previous	2.1 2.1	.6 .6	.6 .7	.8
Labor force participation rate ¹ Previous	66.3 66.3	66.0 66.0	65.8 65.8	65.6
Civilian unemployment rate ¹ Previous	4.5 4.5	4.7 4.7	4.9 4.8	4.9
MEMO GDP gap ² Previous	.4 .7	.2 .4	3 .2	2

- 1. Percent, average for the fourth quarter.
- 2. Actual less potential GDP in the fourth quarter of the year indicated as a percent of potential GDP. A negative number thus indicates that the economy is operating below potential.
 - ... Not applicable.

payroll increases rise to a pace of 50,000 per month that year. In 2009, when economic growth is expected to move back in line with potential growth, we expect private payroll gains to gradually increase to about 75,000 per month, closer in line with the underlying trend. The sluggish pace of job creation over the next year or so is projected to push the unemployment rate up to nearly 5 percent over the forecast period.²

As in recent Greenbooks, the level of productivity is currently running below our estimate of the structural level, reflecting the surprisingly strong pace of employment growth over the first half of the year. We had been attributing the size of that shortfall to an unusually marked cyclical slowing in productivity. However, evidence of a more pronounced slowing in employment growth this quarter shrinks the size of this gap, and in both 2008 and 2009, labor productivity is projected to rise at about its trend rate.

² Despite the sizable downward revisions that we have made to real GDP growth, the rise in the unemployment rate is only a little steeper than in the previous Greenbook. Using our former estimate of the NAIRU, the unemployment rate in recent quarters had been lower than would have been consistent with an Okun's law relationship, and we had expected the disconnect to be remedied over time, putting upward pressure on the unemployment rate. Now that we have changed our NAIRU assumption, the current level of the unemployment rate seems roughly in line with Okun's law, thereby removing that source of upward pressure.

Inflation Projections (Percent change, Q4 to Q4, except as noted)

Measure	2006	2007	2008	2009
PCE chain-weighted price index Previous	1.9 1.9	2.9 3.0	1.7 1.8	1.8
Food and beverages Previous	2.3 2.3	4.2 4.0	2.2 2.2	2.1
Energy Previous	-4.0 -4.0	14.7 14.6	-2.6 -1.6	9
Excluding food and energy Previous	2.3 2.3	1.9 2.0	1.9 2.0	1.9
Consumer price index Previous	1.9 1.9	3.6 3.5	1.7 1.9	1.8
Excluding food and energy Previous	2.7 2.7	2.3 2.2	2.1 2.2	2.1
GDP chain-weighted price index Previous	2.7 2.7	2.5 2.6	2.1 2.2	2.1
ECI for compensation of private industry workers ¹ Previous	3.2 3.2	3.4 3.4	3.7 3.9	3.6
Compensation per hour, nonfarm business sector Previous	5.0 5.1	4.7 4.2	4.4 4.7	4.2
Prices of core nonfuel imports Previous	2.4 2.4	2.9 3.4	1.2 1.6	1.0

^{1.} December to December.

Prices and labor costs. We now view both product and labor market conditions as being less tight over the course of the projection period than we did in the August Greenbook. This reduction in resource utilization implies less upward pressure on core consumer price inflation and has led us to shave 0.1 percentage point from our core PCE price inflation projection in both 2008 and 2009.

Despite these downward revisions, the overall contour of the inflation projection is similar to that of previous Greenbooks, with the rise in the core PCE price index expected to hold steady at just below 2 percent throughout the forecast period. As noted earlier, we believe that the slow pace of inflation earlier this year will prove to be transitory. However, the diminishing pressure from resource utilization should help to keep core

^{...} Not applicable.

Alternative Scenarios
(Percent change, annual rate, from end of preceding period except as noted)

Measure and scenario	20	07	20	08	
ivicasure and scenario	H1	H2	H1	H2	2009
Real GDP					
Greenbook baseline	2.1	1.8	1.5	1.9	2.2
Greater housing correction	2.1	1.8	1.3	1.6	2.0
With larger wealth effect	2.1	1.7	1.0	1.3	1.9
Bank capital crunch	2.1	1.2	-1.2	2.6	2.9
Faster rebound	2.1	2.3	2.2	2.2	2.1
With stronger demand	2.1	2.3	2.7	2.7	2.7
More cost pass-through	2.1	1.8	1.3	1.6	1.9
Greater wage restraint	2.1	1.7	1.3	1.9	2.6
Market-based federal funds rate	2.1	1.8	1.7	2.3	2.7
Unemployment rate ¹					
Greenbook baseline	4.5	4.7	4.8	4.9	4.9
Greater housing correction	4.5	4.7	4.8	5.0	5.1
With larger wealth effect	4.5	4.7	4.9	5.1	5.3
Bank capital crunch	4.5	4.8	5.3	5.4	5.2
Faster rebound	4.5	4.6	4.6	4.6	4.6
With stronger demand	4.5	4.6	4.5	4.5	4.2
More cost pass-through	4.5	4.7	4.8	5.0	5.1
Greater wage restraint	4.5	4.7	4.8	5.0	4.8
Market-based federal funds rate	4.5	4.7	4.8	4.8	4.6
Core PCE inflation					
Greenbook baseline	1.9	2.0	2.0	1.9	1.9
Greater housing correction	1.9	2.0	2.0	1.9	1.9
With larger wealth effect	1.9	2.0	2.0	1.9	1.8
Bank capital crunch	1.9	2.0	2.0	1.8	1.8
Faster rebound	1.9	2.0	2.0	1.9	1.9
With stronger demand	1.9	2.0	2.0	1.9	2.0
More cost pass-through	1.9	2.2	2.4	2.3	2.5
Greater wage restraint	1.9	1.8	1.5	1.4	1.3
Market-based federal funds rate	1.9	2.0	2.1	2.0	2.1
Federal funds rate ¹					
Greenbook baseline	5.3	4.9	4.8	4.8	4.8
Greater housing correction	5.3	4.9	4.7	4.5	4.3
With larger wealth effect	5.3	4.9	4.6	4.3	3.9
Bank capital crunch	5.3	4.7	3.3	3.4	4.5
Faster rebound	5.3	5.1	5.3	5.5	5.3
With stronger demand	5.3	5.1	5.6	6.0	6.5
More cost pass-through	5.3	4.9	4.9	5.0	5.1
Greater wage restraint	5.3	4.8	4.5	4.1	4.1
Market-based federal funds rate	5.3	4.7	4.2	4.0	4.1

^{1.} Percent, average for the final quarter of the period.

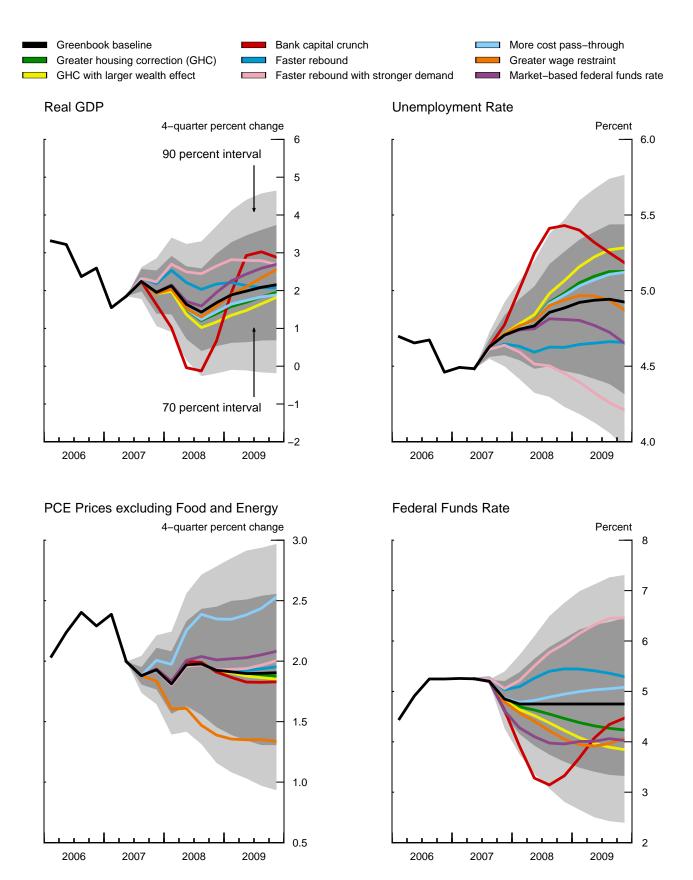
Selected Greenbook Projections and 70 Percent Confidence Intervals Derived from Historical Forecast Errors and FRB/US Simulations

Measure	2007	2008	2009
Real GDP			
(percent change, Q4 to Q4)			
Projection	2.0	1.7	2.2
Confidence interval			
Greenbook forecast errors	1.2–2.7	.1–3.3	.4–3.9
FRB/US stochastic simulations	1.4–2.5	.5–3.0	.7–3.7
Civilian unemployment rate			
(percent, Q4)			
Projection	4.7	4.9	4.9
Confidence interval			
Greenbook forecast errors	4.5–4.9	4.2 - 5.6	3.7-6.1
FRB/US stochastic simulations	4.6–4.8	4.5–5.3	4.3–5.4
PCE prices			
excluding food and energy			
(percent change, Q4 to Q4)			
Projection	1.9	1.9	1.9
Confidence interval			
Greenbook forecast errors	1.6–2.2		.8–3.0
FRB/US stochastic simulations	1.8–2.1	1.5–2.5	1.3–2.6
Federal funds rate			
(percent, Q4)			
Projection	4.9	4.8	4.8
Confidence interval			
FRB/US stochastic simulations	4.5–5.2	3.6–6.1	3.3–6.5

Note. Shocks underlying FRB/US stochastic simulations are randomly drawn from the 1986-2005 set of model equation residuals. Intervals derived from Greenbook forecast errors are based on the 1986-2005 set of Greenbook historical errors.

Forecast Confidence Intervals and Alternative Scenarios under the Assumption that Monetary Policy Follows an Estimated Taylor Rule

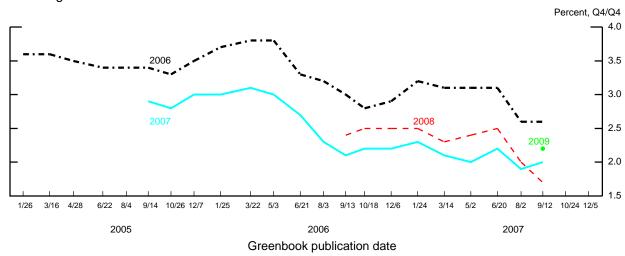
Confidence Intervals based on FRB/US Stochastic Simulations



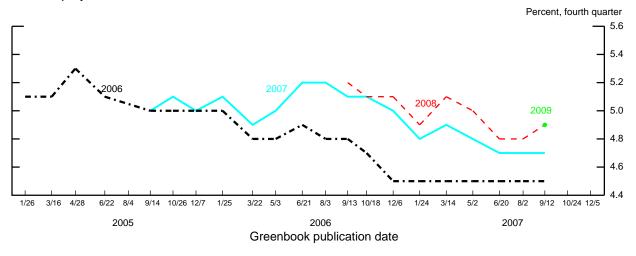
Class II FOMC - Restricted (FR)

Evolution of the Staff Forecast

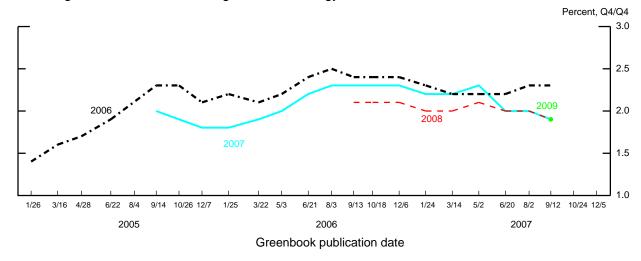
Change in Real GDP



Unemployment Rate



Change in PCE Prices excluding Food and Energy



Class II FOMC Restricted (FR)

Changes in GDP, Prices, and Unemployment (Percent, annual rate except as noted)

	Nominal GDP	al GDP	Real	Real GDP	PCE pr	PCE price index	Core PCE	Core PCE price index	Unemployment rate ¹	ment rate ¹
Interval	08/02/07	09/12/07	08/02/07	09/12/07	08/02/07	09/12/07	08/02/07	09/12/07	08/02/07	09/12/07
Quarterly 2007:Q1 Q2 Q3 Q4	4.9 6.2 3.6 3.7	4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6. 8. 8. 6. 7. 6.	3.7 2.6 1.0	£ 4 4 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3.5 2.4 - 1.6 4.2 4.2	2.1 4.1 2.0 2.2	2.4 1.3 2.1 2.1	4 4 4 4 4 6 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7	4 4 4 4 4 4 6 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7
2008:Q1 Q2 Q3 Q4	4 4 4 4 1. 5 & &	3.8 9.9 0.4	1.8 1.9 2.0 2.1	1.3 1.7 1.8 1.9	1.7 1.9 1.9 1.9	7:1 8:1 8:1 8:1	22.1 2.0 2.0	2.0 2.0 1.9	4444 7.888	7.444 7.8.6.9
2009:Q1 Q2 Q3 Q4	::::	4 4 4 4 & & & Ci	::::	2.1 2.2 2.2 2.2	::::	8. I. S. S. I. S. S. S. I. S. S. S. I. S. S. S. I. S. S. S. S. S. I. S.	: : : :	1.9 1.9 1.9 1.9	::::	4 4 4 4 6.9 6.9
Two-quarter ² 2007:Q2 Q4 2008:Q2 Q4 2009:Q2	8.6. 44	7.8 9.8 9.8 6.8 7.3 7.3 7.3 8.3 8.3 8.3 8.4 8.3 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4	2.0 1.9 1.9 2.1 2.1	2.1 1.8 1.5 1.9 2.1	3.9 2.1 1.8 1.9	3.9 2.0 1.6 1.8 1.8	2.1 2.1 2.1 2.0 2.0	2.0 2.0 2.0 1.9 1.9	0.0	66 66
Four-quarter ³ 2006:Q4 2007:Q4 2008:Q4 2009:Q4	6.4.4 4.6.5.	7.4.6.4 7.6.8.6.	2.6 1.9 2.0	2.6 2.0 1.7 2.2	1.9 3.0 1.8	1.9 2.9 1.7 1.8	2.3 2.0 	2.3 1.9 1.9	¿.	<i>i</i> . <i>i i i i</i> 0
Annual 2006 2007 2008 2009	6.1 6.4 6.5 7.	6.1 8.8.8 1.1	2.9	2.9 1.9 1.7 2.0	2.8	2.2.8 1.8 1.8	2.2 2.1 2.0 	2.2 2.0 1.9 1.9	4 4 4 · · · · · · · · · · · · · · · · ·	4 4 4 4 6 8 9

^{1.} Level, except for two-quarter and four-quarter intervals.
2. Percent change from two quarters earlier; for unemployment rate, change is in percentage points.
3. Percent change from four quarters earlier; for unemployment rate, change is in percentage points.

Class II FOMC Restricted (FR)

Changes in Real Gross Domestic Product and Related Items (Percent, annual rate except as noted)

		2007	_			2008				2009					
Item	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	20071	20081	20091
Real GDP Previous	9. 9.	3.7 3.4	2.6	1.0	1.3	1.7	1.8	1.9	2.1	2.1	2.2	2.2	2.0	1.7	2.2
Final sales Previous Priv. dom. final purch. Previous	1.3 1.3 2.2 2.2	3.5 3.3 1.7 1.5	2.2 1.8 .9	6. 1. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	8. 1.3 5.	2.3 2.7 1.2 1.8	2.3 2.3 2.2 2.2	1.7 1.9 1.9 2.2	1.8	2.7	2.3	1.6 2.3	1.9 1.9 1.3 1.3	1.7 2.1 1.3 1.9	2.1
Personal cons. expend. Previous Durables Nondurables Services	3.7 8.8 3.0 3.1	1.4 1.3 1.7 2.3	2.4 2.0 3.2 1.8 2.6	1.9 1.9 2.3 1.5 2.0	1.7 2.0 1.9 1.7 1.6	1.7 2.0 1.7 1.8 1.6	1.8 2.0 1.8 2.0 1.7	1.9 2.0 2.3 2.0 1.8	2.1 3.0 2.1 2.0	2.1 3.0 2.1 2.0	2.1 2.9 2.1 2.0	2.1 3.0 2.1 2.0	2.2 2.2 4.0 4.0 1.5 2.5	1.8 2.0 1.9 1.9 1.7	2.1 3.0 2.1 2.0
Residential investment Previous	-16.3 -16.3	-12.4	-21.0	-28.2 -21.3	-21.6	-10.2 -4.5	1.7	2.7	2.3	2.4	2.6	2.7	-19.7	-7.4 -4.0	2.5
Business fixed invest. Previous Equipment & software Previous Nonres. structures Previous	2.1 2.1 3.3 6.4 6.4	10.4 9.6 4.1 2.7 25.7 26.6	2.2 4.2 7.3 8.4 4.4 4.1	3.5 4.4 7.0 5.0 3.2	2.2 3.3 3.0 4.1 6.1 1.6	2.0 3.1 2.4 3.7 1.1 1.8	7.1 3.8 3.8 3.8 5.1	1.8 3.0 2.7 3.9 .0	2.9 3.7 1.3	3.1 4.0 	3.1 4.0 	3.2 4.2 	4.4.5 4.6 3.0 7.2 7.9 9.0	1.9 3.1 2.6 3.8 3.8 1.5	3.1 4.0
$\begin{array}{c} \text{Net exports}^2 \\ Previous^2 \\ \text{Exports} \\ \text{Imports} \end{array}$	-612 -612 1.1 3.9	-574 -581 7.8 -2.5	-548 -565 13.3 3.8	-554 -566 5.9 5.4	-555 -569 5.8 4.3	-527 -544 5.8 -1.3	-519 -538 5.9 2.6	-524 -544 5.9 5.4	-533 5.9 6.1	-516 5.9 1.1	-508 5.9 2.9	-525 5.8 7.7	-572 -581 6.9 2.6	-531 -549 5.8 2.7	-520 5.9 4.4
Govt. cons. & invest. Previous Federal Defense Nondefense State & local	5 6.3 -10.8 3.8 3.0	4.1 4.5 8.6 8.6 3.1	2.9 3.2 6.0 6.0 8.3 1.4 1.2	3.1 6.2 8.2 8.2 3.3	2.2 1.8 3.0 4.5 0.	1.9 1.7 2.5 3.6 0.0	1.4 1.8 1.8 1.0 1.2	1.3		1.1 9.0 1.0	e. : 1.0 1.0 9. e.	6	2.2. 2.2. 2. 4.2. 4.8.6.4	1.7 1.5 2.2 3.2 3.2 .0	1.0 1.0 1.1 1.1 1.0
Change in bus. inventories ² $Previous^2$ Nonfarm ² Farm ²	00 9-9	4 & -' 4	15 13 13	23 25 1	36 41 37 1	20 17 19	12 8 11 1	19 13 1	28 : 28	11 : 01	7 6	26 26 1	10 111 7	22 20 21 1	18 17
1. Change from fourth quarter of previous year to fourth quarter of year indicated	r of previo	us year	to fourt	ı quarter of	vear indi	cated.									

Change from fourth quarter of previous year to fourth quarter of year indicated.
 Billions of chained (2000) dollars.

Class II FOMC Restricted (FR)

Changes in Real Gross Domestic Product and Related Items (Percent, annual rate except as noted)

Item	20011	2002	20031	20041	20051	20061	20071	20081	20091
Real GDP <i>Previous</i>	44	1.9	3.7	3.1	2.9	2.6	2.0	1.7	2.2
Final sales Previous Priv. dom. final purch. Previous	1.5 1.5 1.0 1.0	8. 8. 1.1 1.1	3.7 3.7 4.1 4.1	2.2. 4.4 8.8. E.E.	2.9 2.9 3.3 3.3	3.0 3.0 4.4 4.2	1.9 1.9 1.3 1.3	1.7 2.1 1.3 1.9	2.1
Personal cons. expend. Previous Durables Nondurables Services	2.8 2.8 10.8 1.9 1.6	1.9 1.2 2.1 2.1 1.9	6.8 4.8 4.0 5.0 5.0 7.0	3.5. 3.5. 3.5. 3.5. 5.6. 5.6. 5.6. 5.6.	2.8 1.2 3.6 2.7	3.6 4.6 5.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7	2.2.4.0.4.0.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	1.8 2.0 1.9 1.9 1.7	2.1 3.0 2.1 2.0
Residential investment Previous	4.1 4.1	7.0	11.7	6.7	6.4 4.0	-12.8	-19.7	-7.4 -4.0	2.5
Business fixed invest. Previous Equipment & software Previous Nonres. structures Previous	-9.6 -9.6 -9.0 -9.0 -11.1	-6.5 -6.5 -3.4 -3.4 -14.9 -14.9	6.4 6.6 6.6 6.5 6.5	6.5.7 7.7.9 7.6.9 7.7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	5.1 7.1 7.1 7.1 7.2 8	5.2 2.5 2.5 2.5 12.3 12.3	4.5 4.6 3.0 7.9 7.9 9.0	1.9 3.1 2.6 3.8 3.8 1.5	3.1 4.0
$\begin{array}{l} \text{Net exports}^2 \\ \hline Previous^2 \\ \text{Exports} \\ \text{Imports} \end{array}$	-399 -399 -11.9 -7.6	471 471 3.8 9.7	-519 -519 5.8 4.8	-594 -594 7.4 11.5	-618 -618 7.0 5.1	-624 -624 9.3 3.7	-572 -581 6.9 2.6	-531 -549 5.8 2.7	-520 5.9 4.4
Govt. cons. & invest. Previous Federal Defense Nondefense State & local	5.0 6.4 6.5 6.3 6.3	4.0 4.0 7.8 8.4 6.8 1.2	7.1 7.2 5.5 7.5 1.9 4	r. 2222 4.2524	9. 6. 1.1 1.1 7.	2.5 2.5 3.7 5.9 1.8	2.2.2.2.1.2.4.2.4.2.4.8.0.4.4.4.8.0.4.4.4.4	7.1 7.2 3.2 3.2 .0 .1	1.0
Change in bus. inventories ² Previous ² Nonfarm ² Farm ²	-32 -32 -32 0	12 12 15 -2	14 14 14 0	54 54 48 6	33 33 34 -0	40 40 42 -1	10 11 7	22 20 21 1	18 17

^{1.} Change from fourth quarter of previous year to fourth quarter of year indicated. 2. Billions of chained (2000) dollars.

Class II FOMC Restricted (FR)

Contributions to Changes in Real Gross Domestic Product (Percentage points, annual rate except as noted)

		2	2007			64	2008			2	2009				
Item	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	20071	20081	20091
Real GDP Previous	9. 9.	3.7	2.6	1.0	1.3	1.7	1.8	1.9	2.1	2.1	2.2	2.2	2.0	1.7	2.2
Final sales Previous Priv. dom. final purch. Previous	1.3 1.9 1.9	3.5 3.3 1.5 1.3	2:2 1.8 8.	.3 .3 .7.	8. 1.3 4. 1.0	2.3 2.7 1.0 1.5	2.0 2.3 1.5 1.8	1.7 1.9 1.7 1.9	1.8	2.7	2.3	1.6	1.9 1.9 1.1 1.1	1.7 2.1 1.1 1.6	2.1
Personal cons. expend. Previous Durables Nondurables Services	2.6 2.6 .7 .6 1.3	1.0 .9 1 1.0	7.1 4.1 5.4.1 1.1	£ 4. 5 £ 8.	1.2. 1.4.1. 1.5.5.	2.1. 4.1. 4. r. 4. r.	6.1 4.1 1.4.7	4.4. <i>c</i> i 4.8.		2 : 5 4 6	¿: : ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	1.5 2.4.	1.7 1.6 3.3 .3	2; 1 1; 4 ; 1 .	2:
Residential investment <i>Previous</i>	6 6	 5	-1.1	-1.4	-1.0	4.5.	-: -:	-: -:	- :	<u>.</u> :	∹ :	T: :	-1.0	£	T: :
Business fixed invest. Previous Equipment & software Previous Nonres. structures Previous	44 66 44	1.0 1.0 2.0 8.8 8.8	úù úú öö	4 n n 4 0 -i	<i>i</i> ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε	4 i i i i i i i i i i i i i i i i i i i	4 th 4 th 6 th	úw úw öö	<i>ω</i> : ω : σ :	ω : ω : o :	w :w :o :	£ : £ : 0 :	<i>~u~u~u~u~u~u~u~u~u~u~u~u~u~u~u~u~u~u~u</i>	3 ki 3 ki 0 - I	£ : £ : 0 :
$\begin{array}{c} \text{Net exports} \\ Previous \\ \text{Exports} \\ \text{Imports} \end{array}$		1.3 1.0 9.4	8. 2. 1. 6.	2: 2: 6:-	 	0'8' ⊬'5'	6.5 F.4.	55.7.6.	3 	v : L'	4 : L. d.	6 	4. ki &i 4.	444	0
Govt. cons. & invest. Previous Federal Defense Nondefense State & local		∞ o 4 4 o 4	664401	6 N W W O W	44 44 44 44	4 % 4 % 6 %	<i>ww.</i> 1. 1. 0. 1.	5,6, 1, 1, 0, 1,	4 : 1:1:0:1	<pre>ci : 1:10:1</pre>	5 : 1: 0: 1:	2 : 1.1.0.1.	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	<i>ww.</i> 4464	5 : 1.1.0.1
Change in bus. inventories Previous Nonfarm Farm	7 7 0.	1.2 2.0.	4. 4. <i>2</i> . <u>1.</u>	ώ 4 . ώ O	<i>i i i i i i i i i i</i>		£. £. 0.	4440	$\vec{\kappa}$: $\vec{\kappa}$ 0	9 0.		9 0.	1. 1. 0.	0. 0. 0.	1. : 1.0.
· · · · · · · · · · · · · · · · · · ·	J				,										

1. Change from fourth quarter of previous year to fourth quarter of year indicated.

Class II FOMC Restricted (FR)

Changes in Prices and Costs (Percent, annual rate except as noted)

		2(2007			(1	2008			2009	6				
Item	Q1	02	03	94	Q1	Q 2	03	94	01	02	03	94	20071	20081	20091
GDP chain-wt. price index <i>Previous</i>	4 4 2 5 5	2.7	8. 4.1	2.3	2.1	2.1	2.1	2.0	2.2	2.1	2.0	2.0	2.5	2.1	2.1
PCE chain-wt. price index <i>Previous</i>	3.5	4.4 2.6.	1.6	2.4	1.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.9	1.7	1.8
$\frac{\text{Energy}}{Previous}$	16.1	51.3 51.5	-6.9	5.8	-6.7 -4.2	-2.1	6 3	8	6	∞ :	∞ :	6	14.7 14.6	-2.6	6
$egin{aligned} \operatorname{Food} \\ Previous \end{aligned}$	4. 4. 8. 8.	4.7 7.4	4.2 3.8	2.9	2.2 4.4	2.3	2.2	2.2	2.1	2.1	2.1	2.1	4.2	2.2	2.1
Ex. food & energy Previous	2.2 4.4	1.3	1.9	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
CPI Previous	3.8	6.0	1.9	2.6	1.4	1.8	1.9	1.8	1.8	1.8	1.8	1.8	3.6	1.7	1.8
Ex. food & energy Previous	2.3	1.9	2.6	2.3	2.2 2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.1	2.1
ECI, hourly compensation ² Previous ²	2.3	3.5	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.4	3.7	3.6
Nonfarm business sector Output per hour Previous	Γ. Γ.	2.2	3.4	1.4	1.3	1.8	1.8	2.0	1.9	1.8	1.9	1.9	1.9	1.7	1.9
Compensation per hour <i>Previous</i>	5.9	4.1	5.0	3.9	3.9	4.5 7.4	4.6	4.5 7.4	4.3	4.3	4.2	4.2	4.7 4.2	4.4 4.7	4.2
Unit labor costs Previous	5.2 2.9	1.8	1.5	2.4	2.5	2.7	2.7	2.5	2.4	2.4	2.3	2.2	2.7	2.6	2.3

1. Change from fourth quarter of previous year to fourth quarter of year indicated. 2. Private-industry workers.

Class II FOMC Restricted (FR)

Other Macroeconomic Indicators

		2007	07			2	2008			2009	6				
Item	01	Q 2	03	9	01	Q 2	03	94	Q1	Q2	03	40	20071	20081	20091
Employment and production Nonfarm payroll employment ² Unemployment rate ³ Previous ³ GDP gap ⁴ Previous ⁴	<i>κ</i> ί 4 4 τ. ε.	4. 2. 4. 4. 6.	2; 4; 4; 6; 9; 9; 9; 9; 9; 9; 9; 9; 9; 9; 9; 9; 9;	; 4.4 ; 7.7. ; 4.	1. 4.7.7.4 0. 0. 8.	5 4 4 4 £.	2; 4; 4; 4; 5; 5; 5; 5; 5; 5; 5; 5; 5; 5; 5; 5; 5;	2; 4; 4; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6; 6;	2. 4.9 5	£. 4.9	8.9 4.9 	£. 4.9	ti 4.4 £ 7.7 5.4	8: 4:4 8: 6:4 8: 6:4	1.0 4.9 2
Industrial production ⁵ **Previous ⁵ Manufacturing industr. prod. ⁵ **Previous ⁵ Capacity utilization rate - mfg. ³ **Previous ³	1.1 1.1 8. 8. 79.8 79.8	3.3 2.9 3.9 3.4 80.2 80.1	3.6 2.9 4.0 4.4 80.6 80.5	1.1 2.2 .5 1.3 80.3 80.4	1.0 2.3 .7 1.7 79.9 80.2	1.5 2.0 1.7 2.1 79.8 80.1	2.5 2.5 2.7 79.8 80.1	3.6 3.9 3.5 3.7 80.0 80.3	3.1	2.7 3.0 80.2	2.8 3.0 80.3	3.0	22.3 22.3 22.3 80.3 80.3 80.3	2.1 2.7 2.1 2.5 80.0 80.3	2.8 3.1 80.4
Housing starts ⁶ Light motor vehicle sales ⁶	1.5	1.5	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.2	1.3
Income and saving Nominal GDP ⁵ Real disposable pers. income ⁵ Previous ⁵ Personal saving rate ³ Previous ³	4.9 5.4 5.9 1.0	6. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	3.5 2.9 2.9 8.	3.2 2.19 3.2 8.	3.5 3.1 3.7 .9 .0	3.8 2.2 1.0 1.2	3.9 2.5 1.2 1.4	4.0 2.8 2.6 1.4 1.5	4.3 3.6 	2.4 2.4 1.8 	4.3 2.4 1.9	2.2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3.8 7.2 8.2 4.1 5.1	4.3 2.6
Corporate profits ⁷ Profit share of GNP ³	4.4 11.4	24.7	-2.0	7	-3.6	-1.7	-2.0	-2.5 10.9	-1.0	1.6	1.6	1.7	6.1	-2.4 10.9	1.0
Net federal saving ⁸ Net state & local saving ⁸ Gross national saving rate ³	-219 -6 13.8	-194 8 14.0	-222 -3 13.8	-223 -0 13.4	-277 -6 13.1	-280 -9 13.1	-288 -14	-307 -16 13.0	-334 -21 13.0	-336 -21 13.0	-333 -22 13.1	-333 -23 13.1	-214 -0 -13.4	-288 -11 13.0	-334 -22 13.1
Net national saving rate	I./	1.9	F	1.3	1.0	0.1	<i>y</i> :	×.	×.	×.	ς.	γ.	1.3	×.	Ų.

^{1.} Change from fourth quarter of previous year to fourth quarter of year indicated, unless otherwise indicated.

^{2.} Change, millions.
3. Percent, annual values are for the fourth quarter of the year indicated.
4. Percent, annual values are for the fourth quarter of the year indicated.
5. Percent difference between actual and potential GDP; a negative number indicated that economy is operating below potential. (In previous Greenbooks, we expressed the GDP gap with the opposite sign, so that a positive number indicated that actual output fell short of potential.)

Annual values are for the fourth quarter of the year indicated.

Percent change, annual rate.
 Level, millions, annual values are annual averages.
 Percent change, annual rate, with inventory valuation and capital consumption adjustments.
 Billions of dollars, annual values are annual averages.

Class II FOMC Restricted (FR)

Staff Projections of Federal Sector Accounts and Related Items

September 12, 2007

(Billions of dollars except as noted)

	3177
830	901 941
556	615 644
274	286 297
2008	2121 2236
-219	-267 -327
117	128 131
-227	-281 -341
-241	-284 -328
0.1	0.3 0.2

^{1.} Budget receipts, outlays, and surplus/deficit include corresponding social security (OASDI) categories. The OASDI surplus and the Postal Service surplus are excluded from the on-budget

surplus and shown separately as off-budget, as classified under current law.

2. Other means of financing are checks issued less checks paid, accrued items, and changes in other financial assets and liabilities.

3. Gross saving is the current account surplus plus consumption of fixed capital of the general government as well as government enterprises.

4. HEB is gross saving less gross investment (NIPA) of the federal government in current dollars, with cyclically sensitive receipts and outlays adjusted to the staff's measure of potential output and the NAIRU. Quarterly figures for change in HEB and FI are not at annual rates. The sign on Change in HEB, as a percent of nominal potential GDP, is reversed. FI is the weighted difference of discretionary changes in federal spending and taxes in chained (2000) dollars, scaled by real GDP. The annual FI estimates are on a calendar year basis. Also, for FI and the change in HEB, positive values indicate aggregate demand stimulus.

a--Actual

Restricted (FR)	(FR)			(Percent)				
			Households					
Period ¹	Total	Total	Home mortgages	Consumer	Business	State and local governments	Federal	Memo: Nominal GDP
Year								
2002	7.3	10.8	13.3	5.7	2.5	11.0	7.6	3.6
2003	8.1	11.5	14.2	5.2	2.6	8.3	10.9	5.9
2004	8.9	11.4	13.9	5.5	5.8	7.4	9.0	6.5
2005	9.0	10.5	12.3	4.3	7.7	10.2	7.0	6.3
2006	8.7	10.0	10.9	4.6	9.6	8.2	3.9	5.4
2007	6.9	0.9	6.2	4.4	9.0	10.1	4.3	4.5
2008	4.8	3.5	3.4	2.9	6.3	7.2	4.4	3.8
2009	4.9	3.5	3.5	2.8	6.1	6.3	5.4	4.3
Quarter								
2007:1	7.9	7.1	7.7	4.9	8.9	11.1	6.7	4.9
2	7.1	7.1	7.3	5.0	10.6	11.9	-1.4	6.5
В	6.7	5.1	5.1	4.0	8.3	8.7	7.4	3.5
4	5.4	4.3	4.2	3.5	7.0	7.1	4.4	3.2
2008:1	5.2	3.8	3.7	3.2	6.1	7.3	6.1	3.5
7	4.0	3.5	3.4	2.9	6.4	7.2	4	3.8
В	4.8	3.3	3.2	2.8	6.1	6.9	5.3	3.9
4	4.8	3.2	3.0	2.7	5.9	6.8	6.5	4.0
2009:1	5.3	3.4	3.3	2.7	0.9	6.3	8.7	4.3
2	3.9	3.5	3.4	2.7	0.9	6.2	1.	4.3
ю	4.8	3.5	3.5	2.7	5.9	6.1	5.3	4.3
4	5.1	3.6	3.6	2.8	5.9	0.9	7.3	4.2

Note. Quarterly data are at seasonally adjusted annual rates.

1. Data after 2007:Q2 are staff projections. Changes are measured from end of the preceding period to end of period indicated except for annual nominal GDP growth, which is calculated from Q4 to Q4.

2.6.3 FOF

(Billions of dollars at seasonally adjusted annual rates except as noted) Flow of Funds Projections: Highlights Class II FOMC Restricted (FR)

,		, [,	,		•	,					
					20	2007	-	20	2008			20	2009	
Category	2006	2007	2008	2009	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	04
Domestic nonfinancial sectors Net funds raised Total Net equity issuance	1678.9	1297.7	1125.4	1303.8	1203.8	983.9	1161.5	868.1	1217.9	1253.9	1445.5	1012.8	1311.6	1445.4
Net debt issuance Borrowing indicators Debt (percent of GDP) ¹ Borrowing (percent of GDP)	2293.0 209.6 17.4	1998.0 215.9 14.5	1477.4 220.3 10.3	1575.8 221.7 10.6	2010.2 217.1 14.5	1635.9 218.6 11.7	1593.5 219.6 11.3	1260.1 220.1 8.8	1509.9 220.4 10.5	1545.9 220.9 10.6	221.3	1284.8 221.6 8.7	1583.6 221.7 10.6	1717.4 222.1 11.3
Households Net borrowing ² Home mortgages Consumer credit Debt/DPI (percent) ³	1165.7 958.4 105.6 127.6	771.9 605.2 107.0 130.2	475.6 348.0 73.9 130.8	500.6 375.4 71.8 129.5	676.4 514.4 98.5 130.7	577.9 429.4 87.0 131.4	515.7 382.2 80.5 131.2	482.2 353.9 74.7 131.1	460.2 335.1 71.3 130.8	444.4 320.9 69.1 130.4	476.9 353.9 69.1 129.7	493.0 368.1 71.6 129.5	508.0 382.2 72.4 129.3	524.7 397.3 74.0 129.2
Business Financing gap ⁴ Net equity issuance Credit market borrowing	186.6 -614.1 791.6	225.6 -700.3 813.6	272.3 -352.0 616.4	309.6 -272.0 636.5	217.5 -806.4 784.2	241.9 -652.0 682.3	273.1 -432.0 605.4	261.3 -392.0 638.4	265.3 -292.0 617.2	289.3 -292.0 604.8	309.3 -272.0 627.1	297.1 -272.0 638.1	300.2 -272.0 640.2	331.9 -272.0 640.6
State and local governments Net borrowing Current surplus ⁵	152.4 243.8	201.9	159.7 185.9	149.7 185.6	184.9	153.7 191.6	161.7 187.2	161.7 186.5	157.7 184.7	157.7 185.2	149.7 182.4	149.7 185.5	149.7 186.6	149.7 188.0
Federal government Net borrowing Net borrowing (n.s.a.) Unified deficit (n.s.a.)	183.4 183.4 209.2	210.5 210.5 198.5	225.6 225.6 223.3	289.0 289.0 271.0	364.8 88.2 39.9	221.9 80.5 118.0	310.7 148.3 175.8	-22.2 -98.1 -128.9	274.9 65.7 61.2	339.0 109.7 115.2	463.8 186.6 197.1	4.0 -91.6 -121.1	285.7 68.4 63.9	402.4 125.6 131.1
Depository institutions Funds supplied	693.7	597.6	334.7	536.2	995.8	183.5	280.5	388.4	386.0	283.8	572.2	566.7	552.6	453.1

Note. Data after 2007:Q2 are staff projections.

1. Average debt levels in the period (computed as the average of period-end debt positions) divided by nominal GDP.

2. Includes change in liabilities not shown in home mortgages and consumer credit.

3. Average debt levels in the period (computed as the average of period-end debt positions) divided by disposable personal income.

4. For corporations, excess of capital expenditures over U.S. internal funds.

5. NIPA state and local government saving plus consumption of fixed capital and net capital transfers.

n.s.a. Not seasonally adjusted.

^{2.6.4} FOF

Summary of Staff Projections

(Percent change from end of previous period except as noted, s.a.a.r.)

				Proje	ection	
Indicator	2006	2007: H1	20	07	2008	2009
			Q3	Q4		
Foreign output	3.9	4.3	3.4	3.1	3.2	3.2
August GB	3.9	4.1	3.6	3.5	3.4	•••
Foreign CPI	2.1	2.9	4.1	2.3	2.3	2.3
August GB	2.1	2.9	3.1	2.3	2.3	
	Cont	ribution	to grow	th (perce	entage po	oints)
U.S. net exports	0.4	0.4	0.8	-0.2	0.2	0.0
August GB	0.4	0.3	0.5	-0.1	0.2	

Note. Changes for years measured as Q4/Q4; half-year is measured as Q2/Q4.

... Not applicable.

Oil Prices

The spot price of West Texas intermediate (WTI) crude oil closed at \$78.24 per barrel on September 11, up about \$2 since the time of the August Greenbook. In contrast, WTI futures prices for delivery in 2008 and beyond fell a bit. Given the path of futures prices, we project that the price of imported oil, which includes a mix of grades and petroleum products, will rise from \$70 per barrel in the current quarter to \$72 in the fourth quarter and then fall to about \$66 by the end of the forecast period. Relative to the August Greenbook, this projection is about \$1 per barrel lower, on average, in 2008.

The relatively small change in our projected path of oil prices masks some notable developments over the past month. Prices fell rapidly throughout much of early August, primarily reflecting concerns about the potential negative impact of recent financial market developments on the global demand for oil. Late in the month, however, and moving into early September, larger than expected U.S. inventory draws – reflecting, in part, production disruptions related to Hurricane Dean – helped drive prices higher, more than offsetting the earlier declines.

On September 11, OPEC member countries (not including Iraq and Angola) agreed to increase crude oil production 500,000 barrels per day, effective November 1, 2007. However, it is unclear whether the proposed production hike will actually be implemented. Moreover, the size of the agreed increase is relatively small, restoring less

Staff Projections of Selected Trade Prices (Percent change from end of previous period excepted as noted; s.a.a.r.)

				Proje	ection	
Trade category	2006	2007: H1	20	07	2008	2009
			Q3	Q4		
Imports						
Core goods	2.4	3.0	2.8	2.5	1.2	1.0
August GB	2.4	3.1	4.1	3.1	1.6	
Oil (dollars per barrel)	55.33	63.84	70.25	72.09	67.32	65.99
August GB	55.33	63.78	71.30	71.57	68.38	
Exports						
Core goods	4.3	6.6	2.9	2.0	0.7	0.9
August GB	4.3	6.5	4.2	2.6	1.5	

NOTE. Prices for core exports and non-oil core imports, which exclude computers and semiconductors, are on a NIPA chain-weighted basis.

After rising at an annual rate of 7 percent in the second quarter, we expect core export prices to decelerate sharply to 3 percent in the current quarter. Data for July showed only a tepid increase in core export prices, and prices for material-intensive goods, which rose at a double-digit rate in the first half of this year, were flat. Prices for exported industrial supplies (excluding fuels and agricultural products), which fell in July for the first time this year, were pulled down by declines in prices for some metals. We expect core export prices to decelerate further, leveling out below 1 percent early next year. This projection reflects an expected path for commodity prices that is consistent with futures markets and is roughly flat over the next two years. The forecast is down 1\(^1\)4 percentage points in the current quarter, primarily because of a downward revision to projected U.S. producer prices for petroleum and, to a lesser extent, because of the recent decline in spot prices for metals. The forecast is also down through the end of next year, due to lower projected inflation for metals and agricultural exports.

Trade in Goods and Services

After contributing 1½ percentage points at an annual rate to U.S. GDP growth last quarter, we project that real net exports will add more than ³/₄ percentage point to GDP growth in the current quarter. For the remainder of the forecast period, the contribution is expected to be more modest, but to remain positive on average, as import growth picks

The price of imported oil for multiquarter periods is the price for the final quarter of the period. Imported oil includes both crude oil and refined products.

^{...} Not applicable.

up from its recent slow pace and as export growth moderates. Compared with the August Greenbook projection, the contribution of net exports has been revised up somewhat in the second and third quarters, as the June and July data on nominal exports came in particularly strong, but is little changed thereafter.

Real imports of goods and services fell at an annual rate of $2\frac{1}{2}$ percent in the second quarter, in line with the estimate in the August Greenbook. After a modest increase in June, nominal imports rose briskly in July, with noticeable gains in imports of automotive products and machinery. Accordingly, we expect that real imports will rise at a $3\frac{3}{4}$ percent pace in the current quarter. Much of the projected turnaround reflects a pickup in core imports and services, as the unusual contraction in the second quarter gives way to growth more in line with U.S. GDP. Imports of computers, which declined in the previous quarter, are also expected to move up, and we project imports of oil to continue to decline.

Staff Projections for Trade in Goods and Services (Percent change from end of previous period, s.a.a.r.)

				Proje	ection	
Measure	2006	2007: H1	20	07	2008	2009
			Q3	Q4		
Real imports August GB	3.7 3.7	0.6 0.7	3.8 1.0	5.4 4.5	2.7 3.0	4.4
Real exports August GB	9.3 9.3	4.4 3.3	13.3 6.3	5.9 6.1	5.8 5.8	5.9

NOTE. Changes for years are measured as Q4/Q4; half-year is measured as Q2/Q4.

In the fourth quarter, real import growth is expected to strengthen further, as a rebound in oil imports offsets some moderation in core goods and services, which are restrained by the step down in U.S. GDP growth. Over the course of 2008 and into 2009, imports of core goods and services gradually accelerate in response to firming GDP growth and the deceleration of import prices. Imports of computers and semiconductors expand steadily as well, whereas, smoothing through the quarterly volatility, oil imports are roughly flat. Compared with the August Greenbook projection, the forecast for real imports is stronger in the third quarter, as imports in July came in above expectations. Thereafter, the outlook is little changed, as the restraint from slightly slower U.S. real GDP growth is offset by the lower path of core import prices.

Alternative Scenarios: Weaker Foreign Demand and Dollar Appreciation

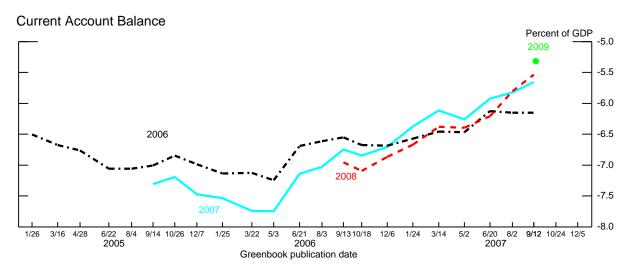
(Percent change from previous period, annual rate)

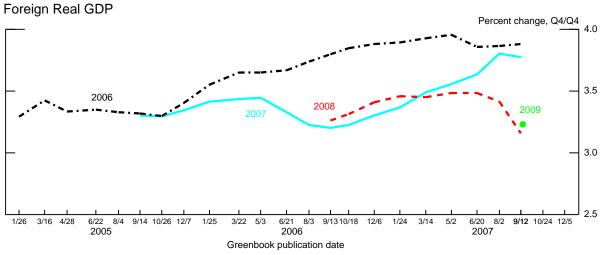
Indicator and simulation	20	07	20	08	20	09
marcator and simulation	H1	H2	H1	H2	H1	Н2
U.S. real GDP						
Baseline	2.1	1.8	1.5	1.9	2.1	2.2
Weaker foreign demand	2.1	1.8	1.3	1.6	1.8	2.0
Additional dollar appreciation	2.1	1.8	1.0	1.0	1.2	1.9
U.S. PCE prices						
(excluding food and energy)						
Baseline	1.9	2.0	2.0	1.9	1.9	1.9
Weaker foreign demand	1.9	2.0	1.9	1.8	1.8	1.8
Additional dollar appreciation	1.9	2.0	1.8	1.7	1.7	1.7
U.S federal funds rate,						
(percent)						
Baseline	5.25	5.0	4.75	4.75	4.75	4.75
Weaker foreign demand	5.25	5.0	4.65	4.35	4.15	3.95
Additional dollar appreciation	5.25	5.0	4.45	3.85	3.25	2.95
U.S. trade balance						
(percent of GDP)						
Baseline	-5.2	-5.2	-5.0	-4.7	-4.6	-4.4
Weaker foreign demand	-5.2	-5.1	-4.9	-4.7	-4.7	-4.6
Additional dollar appreciation	-5.2	-5.1	-4.8	-4.8	-5.0	-5.0

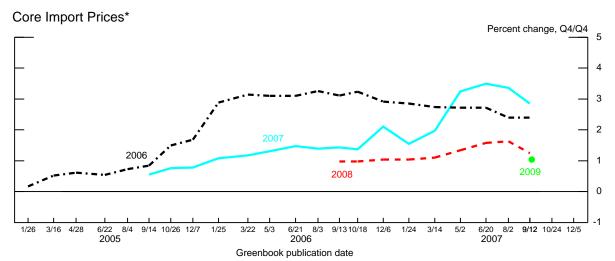
NOTE. Half-year changes are measured as Q2/Q4 or Q4/Q2. The federal funds rate is the average rate for the final quarter of the period.

Class II FOMC -- Restricted (FR)

Evolution of the Staff Forecast







^{*}Prices for merchandise imports excluding computers, semiconductors, oil, and natural gas.

Class II FOMC Restricted (FR)

OUTLOOK FOR FOREIGN	SN REAL GDP (Pe)	AND rcent	CONSUMER , Q4 to (PRICES: Q4)	SELECTED		COUNTRIES		
							日 	Projecte	ed
Measure and country	2001	2002	2003	2004	2005	2006	2007	2008	2009
REAL GDP (1)				İ	İ		İ	İ	
	•		•			•	•		•
Advanced Foreign Economies of which:	6.0	2.5	1.8	2.6	2.7	2.5	2.6	2.0	2.1
Canada Japan United Kingdom Euro Area (2) Germany	-1.3 2.1.3 1.1.1	17.00	12810 	0177	0.0880 0.0880	40000 0	20210	ННИИИ 0	0.4.00
Emerging Market Economies Asia Korea China Latin America Mexico Brazil	0 - 0 - 1 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	4.0 \cdot 8.1 \cdot 2. \cdot 0	404 6.00 8.00 1.10 1.00	0000040 00000000	4.7.7.2 4.7.7.2 4.0.0.2 1.2.2 1.3.2	7.04444 7.004987.	11.07.5 33.3.6 8.2.05 	4040884 8807811	4040 K K 4 8 K 4 Z 4 Z L I
CONSUMER PRICES (3)									
Advanced Foreign Economies	6.0	2.1	1.3	1.8	1.5	1.3	2.0	1.7	1.7
Canada Japan United Kingdom (4) Euro Area (2) Germany	12.1	121.53	10- 10.3 10.3 10.3	20122 wr4wu	00000 00000 0000	117733	01000 01000	2007 4 8 1	80000 80000
Emerging Market Economies Asia Korea China Latin America Mexico Brazil	22.3 -03.1.2 75.1.3 75.1.3	2.9 00.8 00.8 6.14 10.7	32.22 23.23 20.02 20.03 3.03	wwwwwv 0.44wr.w.	0.724.889 0.74.889	000044w 0011010	4407484 1084078	8882222 38726770	3332223 3332222 3332222

^{1.} Foreign GDP aggregates calculated using shares of U.S. exports.
2. Harmonized data for euro area from Eurostat.
3. Foreign CPI aggregates calculated using shares of U.S. non-oil imports.
4. CPI excluding mortgage interest payments, which is the targeted inflation rate.

Class II FOMC Restricted (FR)

OUTLOOK FOR FOREIGN REAL GDP AND CONSUMER PRICES: SELECTED COUNTRIES

	י מט שנדטו	
	נ	
	こうしてい	
בֿ	4	

		20				ъ 2	Ţ.	را ا		1 2	60	
Measure and country	 01	02		04 	 Q1			 Q4	 Q1	02		04
REAL GDP (1)				Qua:	rterly	change	s at a	n annual	rate -			
 Total foreign	4.1	4.6	3.4	3.1	3.1	3.1	3.2	3.3	3.2	3.2	3.2	3.2
Advanced Foreign Economies	3.7	2.4	2.3	1.9	1.9	1.9	2.0	2.1	2.1	2.1	2.1	2.1
or which. Canada Japan United Kingdom Euro Area (2) Germany	00004	кпкпп 4.2.4.4.0.	000000 000000	20211	H Z Z L Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	H22H2	HHZZZ 60400	01400 07400	21222 0 27400	01400 07400	иниии 0.6400	21222 16400
Emerging Market Economies Asia Korea China Latin America Mexico Brazil	47.841 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40000004 0104040	4040WU4 	4040WU4 	4040WU4 &W0LU0H	4 0 4 0 0 0 0 4 4 0 0 0 0 0 0 0 0 0 0 0	4040WW4 wwnrwwH	4040WW4 wwnnww	4040WW4 0WRRRWH	4040WW4 	4040WW4 &W4744
CONSUMER PRICES (3)	 				no4	r-quar	ter ch	anges				
Advanced Foreign Economies	1.6	1.6	1.6	2.0	1.9	1.7	1.8	1.7	1.7	1.7	1.7	1.7
or which: Canada Japan United Kingdom (4) Euro Area (2) Germany	01000	00960	20112	00000 00000	H2H02 9	7.0887	11202	20211 4.E.1.87.	20211 24007	112002	HH202 880050	HHN0N 00 8
Emerging Market Economies Asia Korea China Latin America Mexico Brazil		wwaw44w worodo4	44004W4 W4WOUQU	4400464 	44 w w w w w w o u u u u u u u u u u u u u	wwd44ww www.ow	708m80r	wwwwww 	07.007.0.	886570 1586570	0.47.82.	WWWWWWW HWWWWWW.

^{1.} Foreign GDP aggregates calculated using shares of U.S. exports.
2. Harmonized data for euro area from Eurostat.
3. Foreign CPI aggregates calculated using shares of U.S. non-oil imports.
4. CPI excluding mortgage interest payments, which is the targeted inflation rate.

Class II FOMC Restricted (FR)

September 12, 2007

OUTLOOK FOR U.S. INTERNATIONAL TRANSACTIONS

	2001	2002	2003	2004	2002	2006	2007	Projected 2008	2009
NIPA REAL EXPORTS and IMPORTS Perc	centag	e point c	contributi	ion to GD	D growth,	04/04			
Net Goods & Services -0 Exports of G&S -1 Imports of G&S	-0.2 -1.3	-0.9 -1.3	-0.1 0.6 -0.7	-0.9 0.7 -1.7	-0.1 -0.7 -0.8	0.1 0.0 0.0	0 0 - 4.0 0 - 4.0 4.	00.7	-0.0 0.7 -0.7
		Percen	tage	change, 04/	′Q4				
Exports of G&S Services -8 Computers -23 Semiconductors -34 Core Goods 1/	11. 2.8.2. 3.4.5.5 10.5.5	10.11	31.3 31.3 4.33 9.33	7.8.7.4 4.0.0.8 0.0.8	7.0 1.4.1 17.5 7.5	0.888.0 	000L 000L 00000	11965. 11005. 13005.	1 00 0.00 0.00
Imports of G&S Services Oil Natural Gas Computers Semiconductors -51 Core Goods 2/		002558890 002558890	44.2.1.1.1.2.2.2.2.2.2.3.3.3.3.3.3.3.3.3.3	11 1 2 2 2 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5	11111 121 102 102	103.7 -133.4 -133.6 -133.6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 2 3 3 . 0 3 . 0 3 . 0 3 . 0	13.7 1.2.0 1.5.5 4.5.5 7.0
	Н	Billions	of Chain	ned 2000 D	ollars				
Net Goods & Services -399 Exports of G&S 1036 Imports of G&S 1435	8.71	-471.3 1013.3 1484.6	-518.9 1026.1 1545.0	-593.8 1126.1 1719.9	-618.0 1203.4 1821.5	-624.5 1304.1 1928.6	-572.2 1400.9 1973.1	-531.3 1496.8 2028.0	-520.2 1584.7 2104.9
		Bi	llions o	f dollars					
US CURRENT ACCOUNT BALANCE -384 Current Acct as Percent of GDP -3	3.8	-459.6 -4.4	-522.1 -4.8	-640.2 -5.5	-754.8 -6.1	-811.5 -6.2	-780.0	-792.8	-793.2 -5.3
Net Goods & Services (BOP) -365	5.1	-423.7	-496.9	-612.1	-714.4	-758.5	-716.0	-692.5	-671.8
Investment Income, Net 36 Direct, Net 115 Portfolio, Net -79	36.9 15.9 79.0	33.2 102.4 -69.1	51.1 112.7 -61.5	62.5 139.4 -76.9	154.5 -98.1	43.2 174.2 -131.0	37.3 220.0 -182.7	239.8 -237.4	-20.6 258.6 -279.2
Other Income & Transfers,Net -56	56.5	-69.2	-76.3	9.06-	-94.9	-96.1	-101.4	-102.7	-100.7

1. Merchandise exports excluding computers and semiconductors.
2. Merchandise imports excluding oil, natural gas, computers, and semiconductors.

Class II FOMC Restricted (FR)

September 12, 2007

OUTLOOK FOR U.S. INTERNATIONAL TRANSACTIONS

	0.4 0.4		1.2		26.0 26.0 9.9 113.5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-597.3 1350.9 1948.2		-751.8 -5.6	-707.7	45.3 188.3 -143.0	-89.4
900	 Q3		-0.0		5.7 2.0 -111.5	21 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		-633.8 1306.6 1940.4		-869.3	-797.2	30.0 161.9 -132.0	-102.1
N	05 05 1		0.5		7.81 1.3.9 7.50 7.70	1 2 6 . 1 1 1 2 6 . 1 1 1 2 6 . 1 1 1 5 . 5 1 1 1 5 . 5 1 1 1 5 . 5 1 1 1 5 . 5 1 1 1 1		-626.6 1288.4 1915.0		-822.4 -6.3	-770.3	49.2 178.6 -129.4	-101.2
	21		1.21		1 1 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	00.000 00.000 00.000 00.000		-640.1 1270.6 1910.7		-802.4 -6.2	-758.8	48.3 168.0 -119.8	-91.8
	04 1	_	-1.1 -2.1 5	Н	10.6 6.3 2.0 11.6	106.2 1507.1 186.6 18.8		-642.6 1236.4 1879.0		-863.2 -6.8	-784.4	35.3 146.2 -110.9	-114.1
005	03 03	P growth	-0.1 -0.3	., s.a.a.	21 23 03.28 0.22 0.22	10.48.2 10.88.0 11.00 11.00 2.9	.a.a.r.	-604.1 1205.6 1809.7		-693.6 -5.5	-723.8	72.8 176.1 -103.3	-42.6
N	05 05	on to GDP	0.0 0.0 1.0	s period	2009 1309 1309 1309	1.200.8 1.260.5 1.77	llars, s	-601.0 1199.3 1800.3	s.a.a.r	-732.9 -6.0	-682.7	53.5 147.3 -93.8	-103.8
	01	ontributi	0.3	n previou	6.0 6.5 17.4 5.6		1 2000 Do	-624.4 1172.4 1796.8	dollars,	-729.6 -6.0	9.999-	56.2 140.4 -84.3	-119.2
	04	point co	-1.1 -2.0	nge from	110.0 116.8 13.4 7.7	113.8 100.5 157.3 117.0 117.6	: Chained	-632.3 1155.3 1787.7	ions of	-733.8 -6.1	-675.4	39.2 138.4 -99.2	-97.6
2004	Q3	Percentage	-0.4 0.3 -0.7	ıtage chan	3.1 1.6.7 -20.9	241 - 42 27 - 42 27 - 43 27 - 53 27 -	llions of	-602.7 1128.0 1730.8	Bill	-632.3 -5.4	-626.4	69.2 143.4 -74.2	-75.1
· ·	02	Per	-1.5 -2.1	Percentag	6.5 1.3.7 1.3.7 1.3.7 1.3.7	15. 28.39 14.33.11 18.51 18.51 18.51	Bi]	-591.1 1119.4 1710.5		-634.7 -5.5	-602.4	59.4 129.6 -70.3	-91.7
	 01	70	-0.8 -1.7		10.0 16.2 -7.0 16.7	112 339 339 50 44 63.0 50 50		-549.1 1101.8 1650.9		-559.8 -4.9	-544.1	82.2 146.2 -63.9	t -97.8
		NIPA REAL EXPORTS and IMPORTS	Net Goods & Services Exports of G&S Imports of G&S		Exports of G&S Services Computers Semiconductors Core Goods 1/	Imports of G&S Services Oil Natural Gas Computers Semiconductors Core Goods 2/		Net Goods & Services Exports of G&S Imports of G&S		US CURRENT ACCOUNT BALANCE Current Account as % of GDP	Net Goods & Services (BOP)	<pre>Investment Income, Net Direct, Net Portfolio, Net</pre>	Other Inc. & Transfers, Net

1. Merchandise exports excluding computers and semiconductors. 2. Merchandise imports excluding oil, natural gas, computers, and semiconductors.

Last Page

OUTLOOK FOR U.S. INTERNATIONAL TRANSACTIONS

September 12, 2007

			2007				Projected 2008	<u>F</u>			6008	
	01	02	03 03		 	 02	03 : 03 :	 Q4	 01	02)	 Q4
NIPA REAL EXPORTS and IMPORTS	N	Pe	Percentage	point c	contribution	t	GDP growth					
Net Goods & Services Exports of G&S Imports of G&S	-0 -0.1 -0.5	100 	0	-0.2 -0.3	-0.1 0.7 -0.7	0.0	0.3 0.7 -0.4	-0.2 -0.7 -0.9	-0.3 -1.0	0.5	0.2	-0.6 0.7 -1.3
		Percenta	g	change from	m previou	us period	d, s.a.a	Н				
Exports of G&S Services Computers Semiconductors Core Goods 1/	11.6 0.8.2 1.6.0 1.4.2	7.001- 2.00- 2.00- 2.00- 3.00-	13. 24.8 16.44 15.9	15.3 4.3	10.05 4.00 1.00	11.05.2 5.25.2 5.20.5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.001 0.001 0.000	1 0.00 0.00 0.00 0.00	0.00 H 0.00 0.00 0.00 0.00 0.00 0.00 0.	0.10 0.00 0.00 0.00	0.40 LL 8.00 C.00 C.00 C.00 C.00 C.00 C.00 C.00
Imports of G&S Services Oil Natural Gas Computers Semiconductors Core Goods 2/	2 4 1 2 2 8 9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	100.00 100.00 100.00 100.00 100.00	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	122 - 1 22 - 1 251 - 25 - 3 251 - 3	1011 3011 30011 30011 30011	1321 1321 1313 130 130 130 130	1 - 1 4 - 5 - 5 - 1 4 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	1223.1 1223.1 151.1 4.0 4.0	- 11232 - 12332 - 1235 - 135 -	1233 1232 1232 1337 1337 1337 1347
		Bi	llions o	f Chained	2000	Dollars,	s.a.a.r.					
Net Goods & Services Exports of G&S Imports of G&S	-612.1 1354.7 1966.8	-574.1 1380.2 1954.3	-548.5 1424.1 1972.5	-554.1 1444.7 1998.8	-554.9 1465.1 2020.0	-527.4 1485.8 2013.2	-518.9 1507.1 2026.1	-523.7 1529.1 2052.8	-532.5 1551.0 2083.5	-515.8 1573.2 2089.0	-508.0 1595.8 2103.9	-524.6 1618.6 2143.2
			Bill	lions of	dollars	, s.a.a.	٠ ١					

1. Merchandise exports excluding computers and semiconductors. 2. Merchandise imports excluding oil, natural gas, computers, and semiconductors

-28.6 267.1 -295.7

-23.1 261.5 -284.6

-17.7 255.6 -273.4

-12.9 250.1 -263.0

-4.9 247.9 -252.8

-0.2 242.3 -242.6

4.3 236.6 -232.4

10.5 232.5 -222.0

21.0 229.5 -208.4

32.5 224.6 -192.2

47.7 220.6 -173.0

48.1 205.3 -157.2

Investment Income, Net Direct, Net Portfolio, Net -106.0

0.66-

0.66-

-99.0

-106.0

-99.0

0.66-

-106.7

-97.8

-101.7

-94.8

Transfers, Net-111.3

ଧ

Other Inc.

-808.4 -5.3

-776.7 -5.2

-783.3 -5.3

-804.4 -5.5

-791.4 -5.4

-774.6 -5.4

-782.4 -5.5

-822.7 -5.8

-806.2 -5.8

-782.5 -5.6

-757.9 -5.5

-773.5 -5.7

US CURRENT ACCOUNT BALANCE Current Account as % of GDP

-673.8

-654.5

9.999-

-692.5

-680.6

-675.3

-687.7

-726.5

-729.5

-713.3

-710.7

-710.3

Net Goods & Services (BOP)

Part 2

September 12, 2007

CURRENT ECONOMIC AND FINANCIAL CONDITIONS

Recent Developments

Class III FOMC - Int	ernal (FR
----------------------	-----------

September 12, 2007

Recent Developments

Prepared for the Federal Open Market Committee by the staff of the Board of Governors of the Federal Reserve System

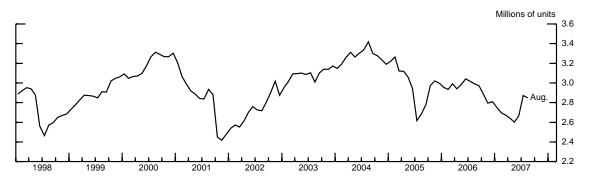
Production of Domestic Light Vehicles (Millions of units at an annual rate except as noted)

				20	007			
Item	Q1	Q2	Q3	Q4	June	July	Aug.	Sept.
II C and hadical	10.2	10.0	10.0	10.2	11.0	11.1	10.7	10.0
U.S. production ¹ Autos	10.2 4.0	10.8 3.9	10.9 3.9	10.2 3.6	11.0 4.1	11.1 4.1	10.7 3.9	10.9 3.7
Light trucks	6.3	6.9	7.0	6.6	7.0	7.0	6.8	7.2
Light trucks	0.3	0.9	7.0	0.0	7.0	7.0	0.8	1.2
Days' supply ²	65	67	n.a.	n.a.	69	76	69	n.a.
Autos	60	55	n.a.	n.a.	56	65	61	n.a.
Light trucks	69	75	n.a.	n.a.	80	84	74	n.a.
Inventories ³	2.67	2.67	n.a.	n.a.	2.67	2.87	2.85	n.a.
Autos	1.00	.95	n.a.	n.a.	.95	1.04	1.02	n.a.
Light trucks	1.67	1.72	n.a.	n.a.	1.72	1.83	1.83	n.a.
Memo: U.S. production, total motor vehicles ⁴	10.6	11.1	11.2	10.5	11.3	11.4	10.9	11.2

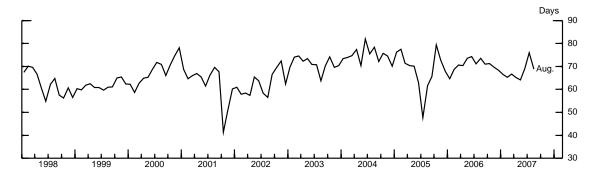
Note. FRB seasonals. Components may not sum to totals because of rounding.

- 1. Production rates in September and the third and fourth quarters reflect the latest industry schedules.
- 2. Quarterly values are calculated with end-of-period stocks and average reported sales.
- 3. End-of-period stocks.
- 4. Includes medium and heavy trucks.
- n.a. Not available.

Inventories of Light Vehicles



Days' Supply of Light Vehicles



Broad Measures of Inflation

(Percent change, Q2 to Q2)

Measure	2004	2005	2006	2007
Product prices GDP price index Less food and energy	2.9	3.0	3.5	2.7
	2.7	3.1	3.3	2.5
Nonfarm business chain price index	2.2	3.2	3.5	2.0
Expenditure prices Gross domestic purchases price index Less food and energy	3.1	3.4	3.8	2.5
	2.7	3.0	3.1	2.3
PCE price index	2.8	2.6	3.3	2.3
Less food and energy	2.1	2.1	2.2	2.0
PCE price index, market-based components	2.4	2.4	3.2	2.2
Less food and energy	1.5	1.7	1.9	1.8
CPI	2.8	2.9	4.0	2.7
Less food and energy	1.8	2.2	2.4	2.3
Chained CPI	2.7	2.6	3.4	2.3
Less food and energy	1.7	1.9	2.4	1.9
Median CPI	2.4	2.3	2.9	3.2
Trimmed mean CPI	2.1	2.2	2.7	2.7
Trimmed mean PCE	2.3	2.3	2.7	2.4

Surveys of Inflation Expectations

(Percent)

			Reuters/Mic	higan Survey		
	Actual	1 y	rear ²	5 to 10) years ³	Professional
Period	CPI inflation ¹	Mean	Median	Mean	Median	forecasters (10 years) ⁴
2005:Q4	3.7	4.6	3.7	3.5	3.1	2.5
2006:Q1 Q2 Q3 Q4	3.6 4.0 3.3 1.9	3.7 4.5 4.0 3.5	3.0 3.5 3.4 3.0	3.3 3.6 3.3 3.5	2.9 3.1 3.0 3.0	2.5 2.5 2.5 2.5
2007:Q1 Q2 Q3	2.4 2.7 n.a.	3.6 4.2 n.a.	3.0 3.3 n.a.	3.4 3.5 n.a.	2.9 3.0 n.a.	2.4 2.4 2.4
Apr. May June July Aug.	2.6 2.7 2.7 2.4 n.a.	4.0 4.3 4.2 4.2 4.0	3.3 3.3 3.4 3.4 3.2	3.6 3.7 3.3 3.6 3.4	3.1 3.1 2.9 3.1 2.9	2.4 2.4

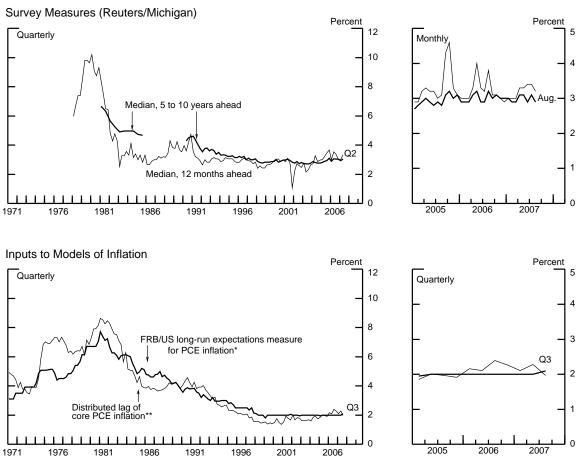
^{1.} Percent change from the same period in the preceding year.

Percent change from the same period in the preceding year.
 Responses to the question, By about what percent do you expect prices to go up, on average, during the next 12 months?
 Responses to the question, By about what percent per year do you expect prices to go up, on average, during the next 5 to 10 years?
 Quarterly CPI projections compiled by the Federal Reserve Bank of Philadelphia.

^{...} Not applicable.

n.a. Not available.

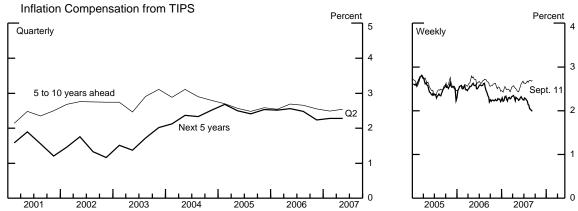
Measures of Expected Inflation



*For 2007 forward, the median projection for PCE inflation over the next 10 years from the Survey of Professional Forecasters (SPF); for 1991 to 2006, the equivalent SPF projection for the CPI; for 1981 to 1991, a related survey for the CPI conducted by Richard Hoey; and for the period preceding 1981, a model-based estimate constructed by Board staff. The survey data before 2007 are adjusted down 0.5 percentage point to put the CPI projections approximately on a PCE basis.

**Derived from one of the reduced-form Phillips curves used by Board staff.





Note. Based on a comparison of an estimated TIPS yield curve with an estimated nominal off-the-run Treasury yield curve, with an adjustment for the indexation-lag effect.

State and Local Government Finance

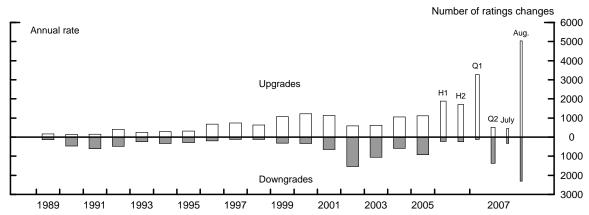
Gross Offerings of Municipal Securities

(Billions of dollars; monthly rate, not seasonally adjusted)

						20	007	
Type of security	2003	2004	2005	2006	Q1	Q2	July	Aug.
Total	37.9	34.7	38.4	36.1	37.9	45.5	34.2	34.4
Long-term ¹	32.0	29.8	34.1	32.5	35.7	41.1	31.2	26.0
Refundings ²	10.0	10.8	15.6	10.6	17.7	14.9	8.0	6.8
New capital	22.1	19.0	18.6	21.9	18.0	26.2	23.2	19.3
Short-term	5.8	4.9	4.2	3.7	2.2	4.4	3.0	8.3
Memo: Long-term taxable	3.5	2.0	2.1	2.5	1.2	2.9	2.5	.9

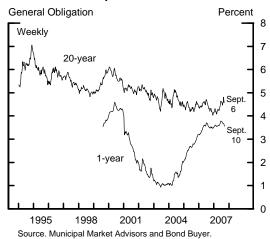
- 1. Includes issues for public and private purposes.
- 2. All issues that include any refunding bonds.

Ratings Changes

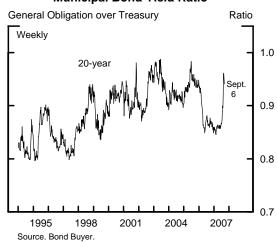


Source. S&P's Credit Week Municipal and Ratings Direct.

Municipal Bond Yields



Municipal Bond Yield Ratio



M2 Monetary Aggregate

(Based on seasonally adjusted data)

		Percen	t change	(annua	rate) ¹		Level
				20	007		(billions of dollars),
Aggregate and components	2005	2006	Q1	Q2	July	Aug. (p)	Aug. (p)
M2	4.1	4.9	7.1	6.7	4.2	10.7	7,334
Components ²							
Currency	3.5	3.6	1.7	2.1	5.1	.5	759
Liquid deposits ³	2.0	.8	6.6	7.0	1.5	8.9	4,475
Small time deposits	18.9	18.6	4.5	4.2	.3	2.0	1,179
Retail money market funds	2	13.0	18.9	13.1	22.6	40.3	915
Memo:							
Institutional money market funds	4.9	15.9	11.2	28.2	26.9	60.7	1,586
Monetary base	3.5	3.2	1.6	2.3	3.0	5.1	825

For years, Q4 to Q4; for quarters and months, calculated from corresponding average levels.
 Nonbank traveler's checks are not listed.

^{3.} Sum of demand deposits, other checkable deposits, and savings deposits.

p Preliminary.

Commercial Bank Credit

(Percent change, annual rate, except as noted; seasonally adjusted)

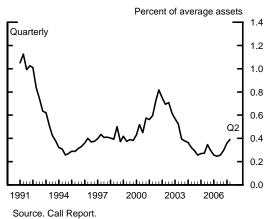
Type of credit	2005	2006	Q1 2007	Q2 2007	July 2007	Aug. 2007e	Level ¹ Aug. 2007 ^e
Total	10.5	9.5	9.1	9.4	9.7	15.5	8,450
Loans ²							
Total To businesses	11.6	10.7	9.9	9.4	9.5	18.1	6,349
Commercial and industrial	13.5	16.4	7.9	11.1	18.8	31.5	1,288
Commercial real estate	17.0	13.6	10.3	11.4	2.1	8.1	1,530
To households							
Residential real estate	11.9	7.2	9.5	6.4	5.1	.8	1,837
Revolving home equity	13.3	1.5	3.5	.1	5.8	8.9	462
Other	11.4	9.4	11.7	8.6	4.9	-2.0	1,375
Consumer	3.1	5.2	7.5	5.2	12.0	3.6	770
Originated ³	.7	6.4	8.1	2.2	15.6	8.7	1,161
Other ⁴	8.5	11.0	14.8	13.3	16.2	65.4	925
Securities							
Total	7.5	5.9	6.6	9.4	10.1	7.8	2,100
Treasury and agency	2.4	1.2	2.1	-6.8	8.5	-1.3	1,186
Other ⁵	17.5	13.7	13.3	33.3	12.1	19.8	914

Note. Yearly annual rates are Q4 to Q4; quarterly and monthly annual rates use corresponding average levels. Data have been adjusted to remove the effects of mark-to-market accounting rules (FIN 39 and FAS 115), the consolidation of certain variable interest entities (FIN 46), the adoption of fair value accounting (FAS 159), and the effects of sizable thrift-to-bank and bank-to-thrift structure activity in October 2006 and March 2007 respectively. Data also account for breaks caused by reclassifications.

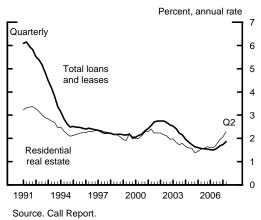
1. Billions of dollars. Pro rata averages of weekly (Wednesday) levels.

- 2. Excludes interbank loans.
- 3. Includes an estimate of outstanding loans securitized by commercial banks.
- 4. Includes security loans and loans to farmers, state and local governments, and all others not elsewhere classified. Also includes lease financing receivables.
- 5. Includes private mortgage-backed securities, securities of corporations, state and local governments, foreign governments, and any trading account assets that are not Treasury or agency securities, including revaluation gains on derivative contracts.
- e Estimated.

Loan-Loss Provisioning



Delinquency Rates on Loans



September 14, 2007

CURRENT ECONOMIC AND FINANCIAL CONDITIONS

Supplemental Notes

Prepared for the Federal Open Market Committee by the staff of the Board of Governors of the Federal Reserve System

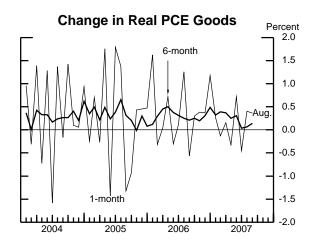
Retail and Food Services Sales

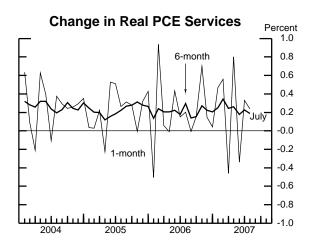
(Percent change from preceding period; seasonally adjusted current dollars)

			200	07		
Category	Q1	Q2	May	June	July	Aug.
	Annua	al rate		Month	ly rate	
Total sales	6.3	5.4	1.6	8	.5	.3
Retail control ¹	7.7	8.0	1.4	.0	.7	3
Ex. sales at gasoline stations	5.5	5.4	1.0	.3	.8	.1
Memo: Real PCE control ²	4.0	.3	.6	1	.6	.0

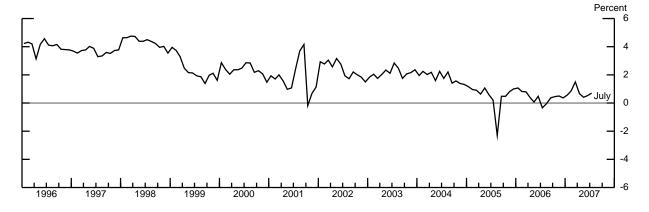
^{1.} Total sales less outlays at building material and supply stores and automobile and other motor vehicle dealers.

^{2.} Total goods spending excluding autos and trucks. The values for June, July, and Q2 are staff estimates. The value for August is a staff forecast.





Personal Saving Rate



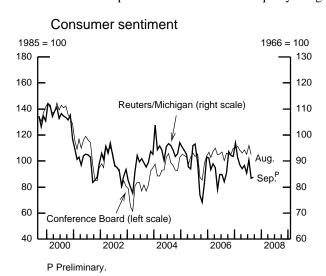
Reuters/University of Michigan Survey of Consumers

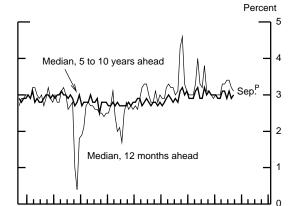
Indexes of consumer sentiment (Not seasonally adjusted)

				20	07			
Category	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. ^P
Composite of current and expected conditions ¹ Current conditions ¹ Expected conditions ¹	91.3 106.7 81.5	88.4 103.5 78.7	87.1 104.6 75.9	88.3 105.1 77.6	85.3 101.9 74.7	90.4 104.5 81.5	83.4 98.4 73.7	83.8 98.3 74.4
Personal financial situation Now compared with 12 months ago ² Expected in 12 months ²	119 122	111 126	119 127	113 125	110 117	115 125	103 120	105 118
Expected business conditions Next 12 months ² Next 5 years ²	106 98	95 94	87 90	97 89	94 88	105 96	87 88	85 95
Appraisal of buying conditions Cars Large household appliances ² Houses	133 158 133	138 157 137	132 152 138	124 160 135	118 154 131	125 156 129	133 152 118	144 150 120
Expected unemployment change - next 12 months	125	123	129	120	125	123	131	129
Prob. household will lose a job - next 5 years	19	22	18	19	23	21	24	21
Expected inflation - next 12 months Mean Median	3.6 3.0	3.6 3.0	4.0 3.3	4.3 3.3	4.2 3.4	4.2 3.4	4.0 3.2	4.0 3.1
Expected inflation - next 5 to 10 years Mean Median	3.3 2.9	3.3 2.9	3.6 3.1	3.7 3.1	3.3 2.9	3.6 3.1	3.4 2.9	3.5 3.0

Note. Figures on financial, business, and buying conditions are the percent reporting 'good times' (or 'better') minus the percent reporting 'bad times' (or 'worse'), plus 100. Expected change in unemployment is the fraction expecting unemployment to rise minus the fraction expecting unemployment to fall, plus 100. P Preliminary.

- 1. Feb. 1966 = 100.
- 2. Indicates the question is one of the five equally-weighted components of the index of sentiment.



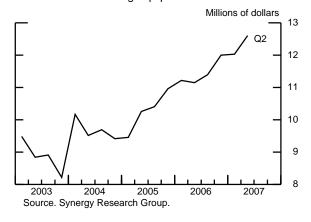


P Preliminary.

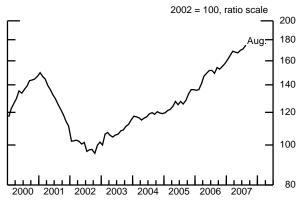
Expected inflation

Indicators of High-Tech Manufacturing Activity

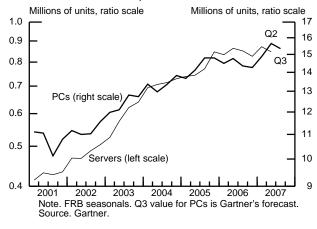
Enterprise Spending on Voice and Data Networking Equipment



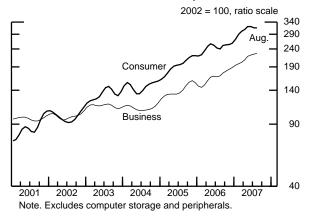
IP: Communications Equipment



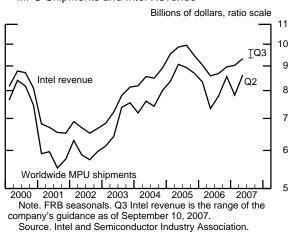
U.S. Personal Computer and Server Sales



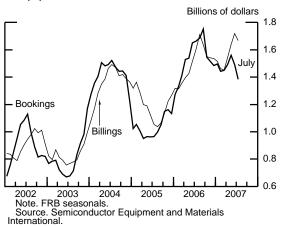
IP: Business and Consumer Computers



MPU Shipments and Intel Revenue



Bookings and Billings for Semiconductor Equipment



Commercial Bank Credit (Percent change, annual rate, except as noted; seasonally adjusted)

Type of credit	2005	2006	Q1 2007	Q2 2007	July 2007	Aug. 2007 ^e	Level ¹ Aug. 2007 ^e
Total	10.5	9.5	8.9	9.4	9.7	16.3	8,451
Loans ²							
Total To businesses	11.6	10.7	9.7	9.4	9.5	19.0	6,350
Commercial and industrial	13.5	16.4	7.9	11.0	18.8	31.8	1,288
Commercial real estate	17.0	13.6	10.3	11.5	2.2	8.1	1,530
To households							
Residential real estate	11.9	7.2	9.5	6.4	5.1	1.1	1,838
Revolving home equity	13.3	1.5	3.5	.1	5.8	9.2	462
Other	11.4	9.4	11.7	8.6	4.9	-1.6	1,375
Consumer	3.1	5.2	7.5	5.2	12.0	4.1	770
Originated ³	.7	6.4	8.0	2.2	15.6	9.1	1,161
Other ⁴	8.3	11.1	13.2	13.3	16.2	70.5	925
Securities							
Total	7.5	5.9	6.6	9.4	10.1	8.2	2,101
Treasury and agency	2.4	1.2	2.1	-6.8	8.5	-1.4	1,186
Other ⁵	17.5	13.7	13.3	33.3	12.1	20.7	915

Note. Yearly annual rates are Q4 to Q4; quarterly and monthly annual rates use corresponding average levels. Data have been adjusted to remove the effects of mark-to-market accounting rules (FIN 39 and FAS 115), the consolidation of certain variable interest entities (FIN 46), the adoption of fair value accounting (FAS 159), and the effects of sizable thrift-to-bank and bank-to-thrift structure activity in October 2006 and March 2007 respectively. Data also account for breaks caused by reclassifications.

^{1.} Billions of dollars. Pro rata averages of weekly (Wednesday) levels.

Excludes interbank loans.
 Includes an estimate of outstanding loans securitized by commercial banks.

^{4.} Includes security loans and loans to farmers, state and local governments, and all others not elsewhere classified. Also includes lease financing receivables.

^{5.} Includes private mortgage-backed securities, securities of corporations, state and local governments, foreign governments, and any trading account assets that are not Treasury or agency securities, including revaluation gains on derivative contracts.

e Estimated.