

2009 Economic Outlook Symposium Forecast Winners

Overall	John Silvia - Wells Fargo	
GDP current dollars	Nick Kalivas and Jessica Hoversen - MF Global	
GDP price index, Chain-type	Joan Crary - RSQE - University of Michigan	
Real GDP, chained dollars	Dennis Yaccarino - City of Milwaukee	
Personal consumption expenditures	John Silvia - Wells Fargo	
Business fixed investment	Tom Guthrie - FMF Corp	
Residential investment	Robert J. Kolbe - RJK Enterprises, Inc.	
Change in private inventories	Tom Guthrie - FMF Corp	
Net exports	Robert DiCianni - ArcelorMittal USA	
Government consumption expenditures and gross investment	Robert DiCianni - ArcelorMittal USA	
Industrial production	Bernard Paniak - BJP Economics	
Car & light truck sales	Steve Graham - FTR Associates	
Housing starts	Roman Pobaruyev - SC Johnson (Alta Resources)	Mark Gianopulos - PrimeSource Healthcare
Oil Price	Joan Crary - RSQE - University of Michigan	
Unemployment rate	Charles Chesbrough - CSM Worldwide	Chris Varvares - Macroeconomic Advisers
Inflation rate (CPI)	John Silvia - Wells Fargo	
Treasury constant maturity one-year rate	David W. Maaske - Align FSC	
Treasury constant maturity ten-year rate	Dennis Yaccarino - City of Milwaukee	Joan Crary - RSQE - University of Michigan
J.P. Morgan trade weighted OECD dollar	Roman Pobaruyev - SC Johnson (Alta Resources)	

Table 1 - Median forecast of GDP and related items

	2009	2010	2011	Q310	Q410	Q111	Q211	Q311	Q411
GDP, current dollars*	0.6%	4.0%	4.0%	4.8%	2.6%	3.4%	3.7%	3.9%	4.5%
GDP price index, chain-type*	0.5%	1.6%	1.3%	2.3%	1.0%	1.1%	1.1%	1.1%	1.4%
Real GDP, chained dollars*	0.2%	2.4%	3.0%	2.5%	1.5%	2.5%	2.9%	3.0%	3.3%
Personal consumption expenditures*	0.2%	2.3%	2.5%	2.8%	2.3%	2.3%	2.5%	2.5%	2.6%
Business fixed investment*	-12.7%	10.6%	7.4%	10.3%	7.5%	8.7%	8.7%	6.8%	8.1%
Residential investment*	-13.4%	-4.7%	9.6%	-27.5%	3.0%	5.7%	9.2%	10.2%	11.0%
Change in private inventories (billions of constant dollars)**	-\$36.7	\$97.2	\$60.3	\$111.5	\$97.2	\$84.4	\$72.6	\$63.8	\$60.3
Net exports of goods and services (billions of constant dollars)**	-\$330.1	-\$518.2	-\$500.1	-\$506.7	-\$518.2	-\$519.7	-\$513.1	-\$502.2	-\$500.1
Government consumption expenditures and gross investment*	0.8%	1.5%	0.5%	4.0%	-0.2%	0.6%	0.5%	0.8%	0.8%
Industrial production*	-3.8%	5.4%	4.3%	5.2%	2.1%	3.3%	3.3%	4.0%	4.6%
Car & light truck sales (millions - calendar year including imports)***	10.4	11.5	12.7	11.6	12.0	12.2	12.5	12.8	13.2
Housing starts (millions)***	0.55	0.60	0.69	0.58	0.60	0.61	0.65	0.71	0.75
Oil price (dollars per barrel of West Texas Intermediate)**	\$76.07	\$82.67	\$85.30	\$76.17	\$82.67	\$83.00	\$85.00	\$86.00	\$85.30
Unemployment rate**	10.0%	9.6%	9.2%	9.6%	9.6%	9.6%	9.5%	9.3%	9.2%
Inflation rate (consumer price index)*	1.5%	0.9%	1.6%	1.5%	1.3%	1.3%	1.5%	1.7%	1.9%
Treasury constant maturity one-year rate**	0.35%	0.27%	0.62%	0.27%	0.27%	0.31%	0.36%	0.51%	0.62%
Treasury constant maturity ten-year rate**	3.46%	2.61%	3.07%	2.79%	2.61%	2.64%	2.73%	2.91%	3.07%
J.P. Morgan trade weighted OECD dollar*	-7.5%	1.1%	0.0%	-1.5%	-1.3%	-1.0%	-0.4%	-0.6%	-0.2%

*Annual: Q4 over Q4 Quarterly: Quarter to Quarter change, annual rate

**Annuals are Q4 value

***Annuals are yearly average

Table 2 - Mean forecast of GDP and related items

	2009	2010	2011	Q310	Q410	Q111	Q211	Q311	Q411
GDP, current dollars*	0.6%	4.3%	4.1%	4.8%	4.1%	3.0%	4.3%	4.5%	4.6%
GDP price index, chain-type*	0.5%	1.6%	1.5%	2.3%	1.2%	1.3%	1.7%	1.4%	1.6%
Real GDP, chained dollars*	0.2%	2.6%	2.7%	2.5%	2.6%	2.0%	2.7%	2.9%	3.1%
Personal consumption expenditures*	0.2%	3.3%	3.0%	2.8%	7.1%	2.5%	2.7%	3.8%	3.2%
Business fixed investment*	-12.7%	10.7%	8.4%	10.3%	7.8%	8.2%	8.9%	7.5%	9.5%
Residential investment*	-13.4%	-4.1%	10.1%	-27.5%	6.9%	6.8%	9.0%	11.7%	13.9%
Change in private inventories (billions of constant dollars)**	-\$36.7	\$92.5	\$69.1	\$111.5	\$92.5	\$84.6	\$77.6	\$72.6	\$69.1
Net exports of goods and services (billions of constant dollars)**	-\$330.1	-\$510.4	-\$490.0	-\$506.7	-\$510.4	-\$499.8	-\$494.7	-\$490.5	-\$490.0
Government consumption expenditures and gross investment*	0.8%	1.7%	0.6%	4.0%	0.3%	1.0%	0.4%	0.8%	0.3%
Industrial production*	-3.8%	5.6%	4.5%	5.2%	3.1%	4.7%	3.8%	4.7%	4.9%
Car & light truck sales (millions - calendar year including imports)***	10.4	11.5	12.5	11.6	12.0	12.2	12.4	12.7	12.9
Housing starts (millions)***	0.55	0.60	0.68	0.58	0.59	0.61	0.65	0.70	0.73
Oil price (dollars per barrel of West Texas Intermediate)**	\$76.07	\$82.15	\$86.91	\$76.17	\$82.15	\$83.05	\$85.91	\$87.04	\$86.91
Unemployment rate**	10.0%	9.6%	9.2%	9.6%	9.6%	9.6%	9.5%	9.3%	9.2%
Inflation rate (consumer price index)*	1.5%	0.9%	1.6%	1.5%	1.3%	1.4%	1.6%	1.7%	1.8%
Treasury constant maturity one-year rate**	0.35%	0.30%	0.77%	0.27%	0.30%	0.35%	0.43%	0.58%	0.77%
Treasury constant maturity ten-year rate**	3.46%	2.57%	3.15%	2.79%	2.57%	2.58%	2.72%	2.91%	3.15%
J.P. Morgan trade weighted OECD dollar*	-7.5%	1.0%	0.7%	-1.5%	-1.7%	0.3%	1.3%	-0.2%	1.3%

*Annual: Q4 over Q4 Quarterly: Quarter to Quarter change, annual rate

**Annuals are Q4 value

***Annuals are yearly average

Figure 1 - Forecast of GDP and related items

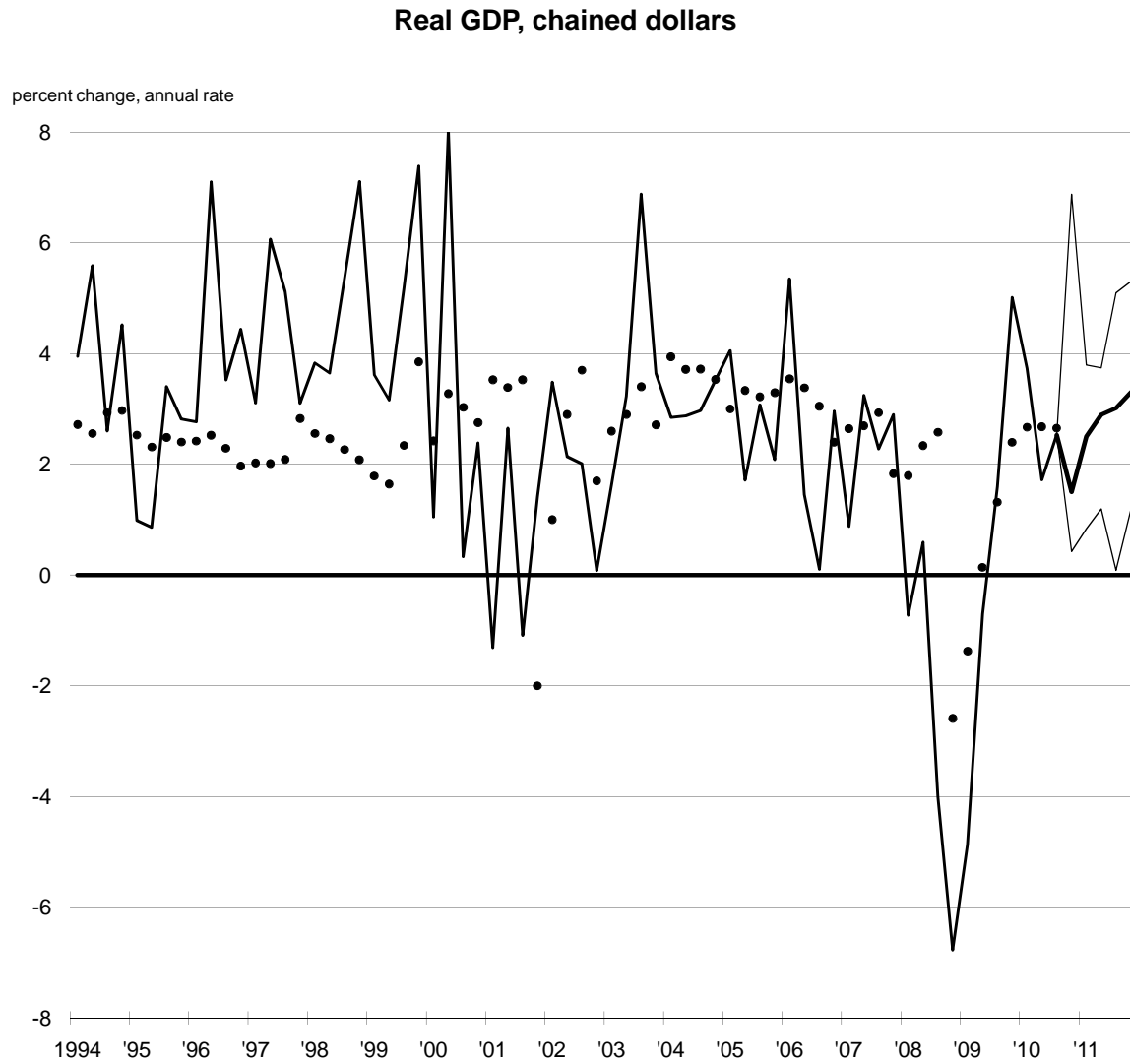


Figure 2 - Forecast of GDP and related items

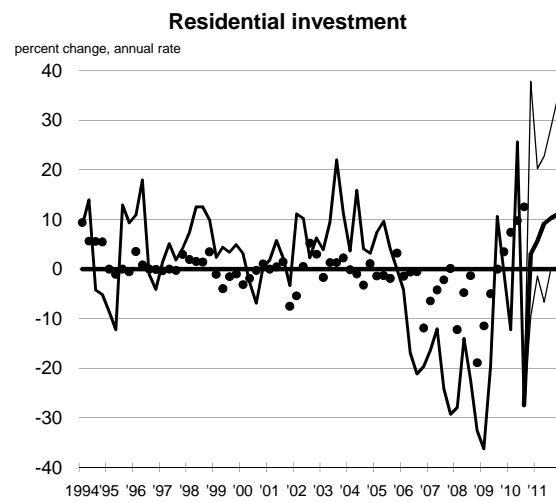
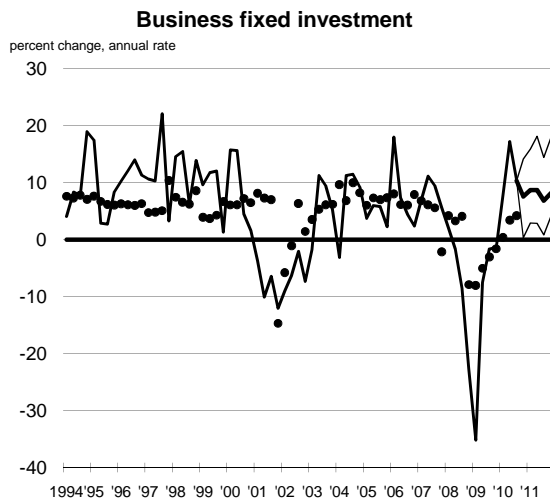
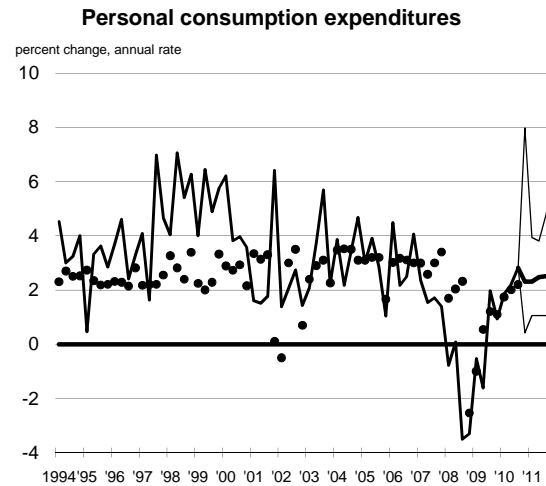
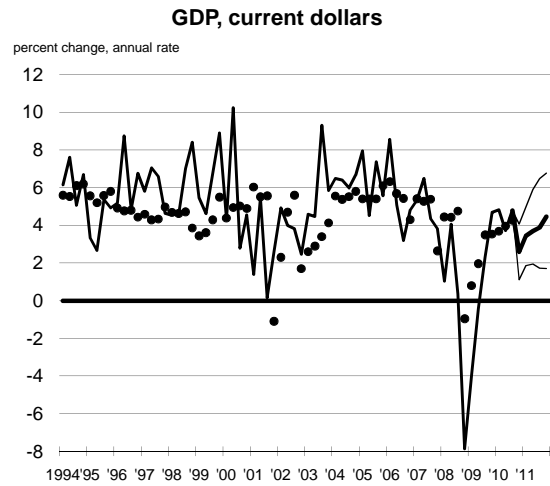


Figure 3 - Forecast of GDP and related items

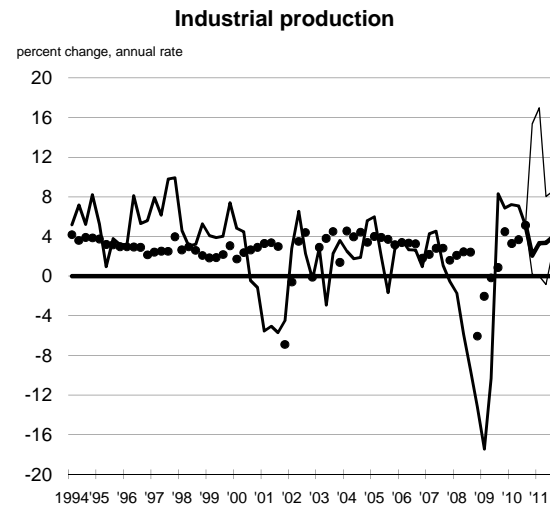
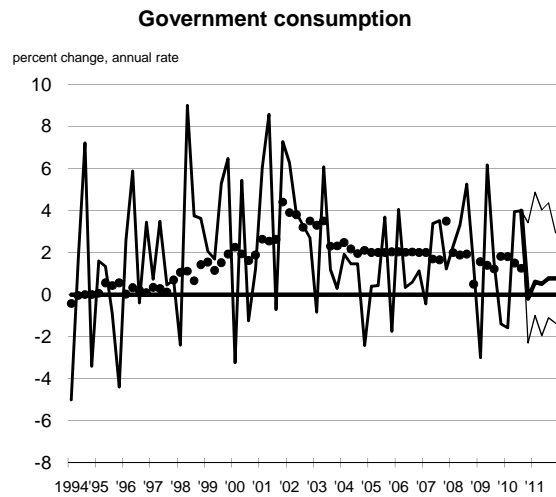
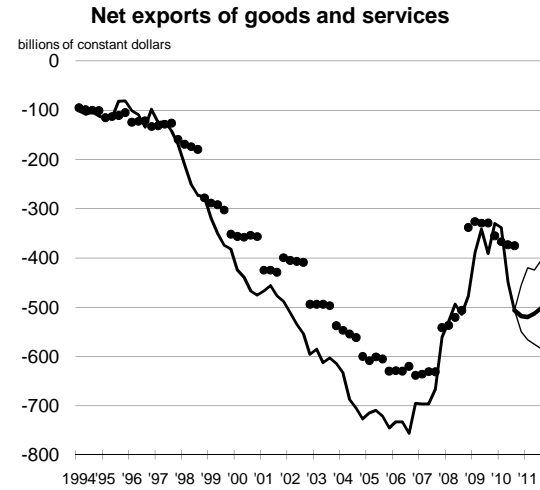
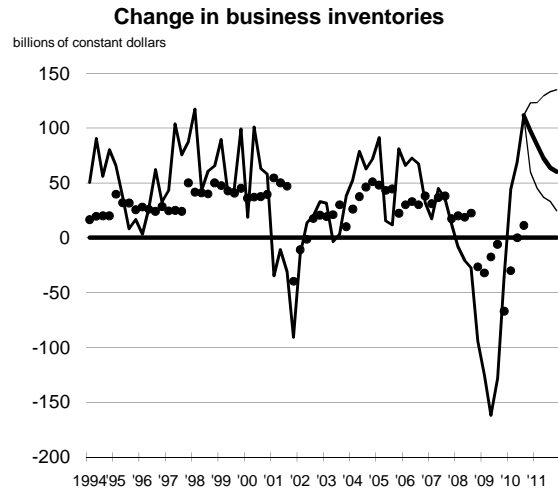


Figure 4 - Forecast of GDP and related items

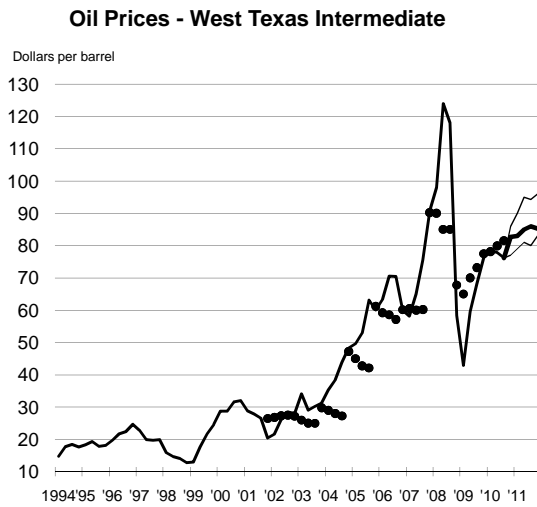
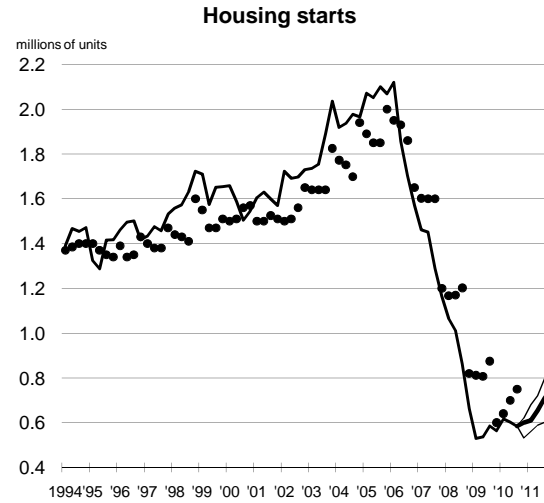
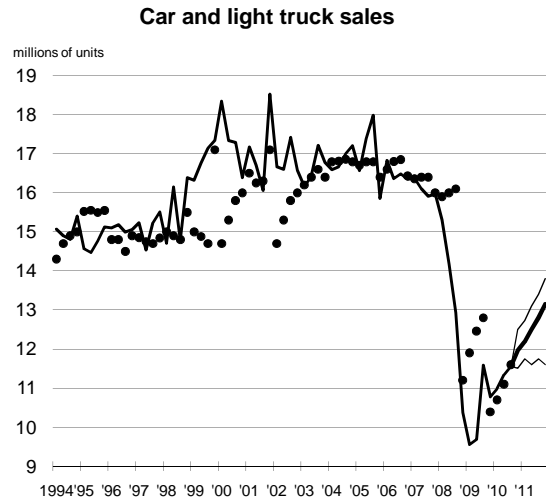


Figure 5 - Forecast of GDP and related items

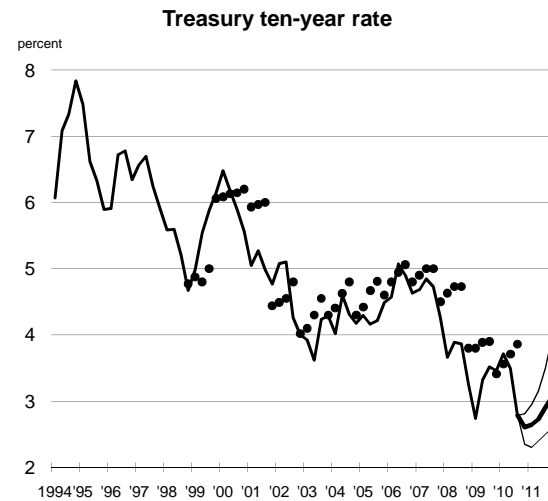
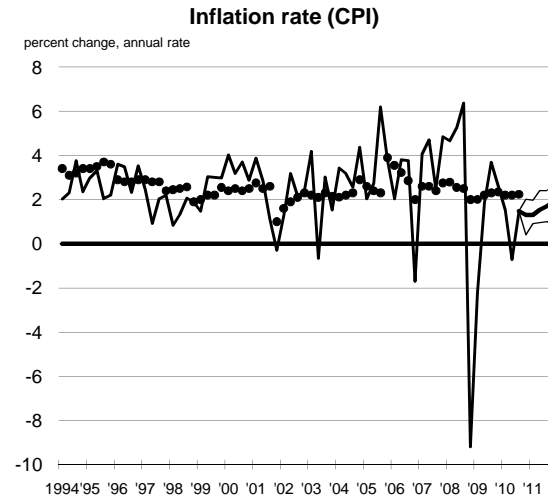
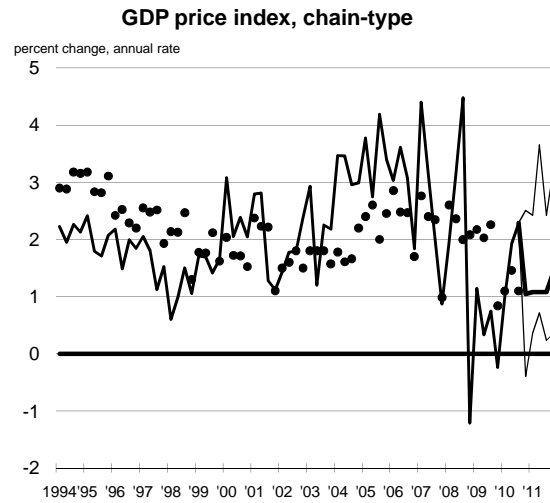


Figure 6 - Forecast of GDP and related items

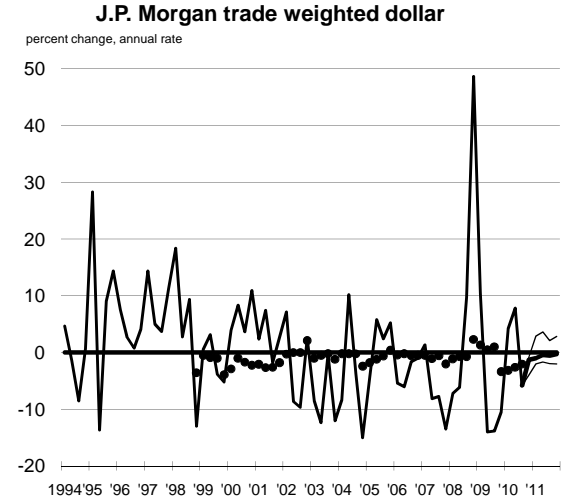


Table 3 - GDP, current dollars

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	0.6%			4.8%					
1		5.2%	13.1%		7.7%	10.4%	14.8%	12.6%	14.8%
5		3.9%	6.1%		2.4%	5.6%	5.9%	6.5%	6.4%
2		14.6%	5.5%		51.4%	-16.8%	17.0%	18.4%	7.4%
4		3.9%	5.1%		2.2%	5.0%	4.4%	4.6%	6.5%
3		4.1%	5.0%		3.0%	3.8%	4.2%	5.8%	6.4%
11		3.8%	4.6%		2.0%	4.9%	4.0%	4.9%	4.4%
12		4.0%	4.5%		2.6%	3.4%	3.9%	4.9%	5.9%
10		3.6%	4.4%		1.2%	3.7%	4.4%	4.8%	4.8%
8		4.1%	4.3%		2.9%	3.7%	3.8%	4.6%	5.0%
18		4.3%	4.3%		4.1%	4.0%	4.3%	4.3%	4.5%
x1		3.7%	4.1%		1.4%	4.8%	2.3%	2.4%	6.8%
23		4.3%	4.0%		3.9%	4.5%	4.1%	3.7%	3.9%
9		4.3%	4.0%		3.8%	3.5%	3.8%	4.3%	4.4%
7		4.0%	4.0%		2.7%	3.1%	3.6%	4.5%	4.8%
15		4.3%	4.0%		3.9%	4.9%	4.3%	1.5%	5.2%
16		4.2%	3.8%		3.4%	2.6%	3.5%	3.8%	5.1%
14		3.9%	3.7%		2.4%	3.3%	3.6%	4.0%	4.1%
19		4.0%	3.6%		2.6%	3.4%	3.2%	3.4%	4.2%
25		4.2%	3.4%		3.5%	3.4%	3.4%	3.4%	3.4%
20		3.6%	3.3%		1.2%	3.1%	3.0%	3.5%	3.8%
24		3.9%	3.1%		2.3%	2.8%	3.2%	3.6%	2.8%
17		4.0%	3.1%		2.7%	2.0%	4.1%	2.8%	3.6%
13		4.0%	3.0%		2.7%	3.1%	3.0%	3.0%	3.0%
21		3.9%	3.0%		2.3%	2.1%	1.9%	2.9%	5.0%
22		3.6%	2.6%		1.1%	1.9%	2.7%	4.5%	1.4%
6		3.7%	2.5%		1.4%	2.5%	2.2%	2.4%	2.8%
27		1.6%	1.7%		-6.6%	1.7%	1.7%	1.7%	1.7%
26		3.2%	-0.3%		-0.4%	3.4%	-1.0%	-1.4%	-2.2%
MEDIAN		4.0%	4.0%		2.6%	3.4%	3.7%	3.9%	4.5%
MEAN		4.3%	4.1%		4.1%	3.0%	4.3%	4.5%	4.6%
STD DEV		2.1%	2.1%		9.4%	4.1%	3.5%	3.5%	2.7%
HIGH		14.6%	13.1%		51.4%	10.4%	17.0%	18.4%	14.8%
LOW		1.6%	-0.3%		-6.6%	-16.8%	-1.0%	-1.4%	-2.2%

Table 4 - GDP price index, chain-type

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	0.5%			2.3%					
1		4.3%	5.6%		12.5%	4.1%	6.1%	6.1%	6.1%
17		2.0%	2.6%		2.8%	1.6%	3.2%	2.4%	3.2%
23		1.9%	2.5%		2.4%	2.4%	2.4%	2.4%	2.8%
25		1.9%	2.3%		2.2%	2.3%	2.2%	2.3%	2.2%
5		1.8%	2.2%		1.9%	2.2%	2.2%	2.2%	2.3%
2		1.5%	2.2%		0.7%	-1.8%	4.0%	2.9%	3.6%
10		0.3%	1.8%		-3.9%	3.7%	3.7%	0.0%	0.0%
27		1.3%	1.7%		0.0%	1.7%	1.7%	1.7%	1.7%
18		1.6%	1.7%		1.4%	1.6%	1.7%	1.7%	1.8%
12		1.6%	1.5%		1.1%	1.0%	1.0%	1.8%	2.3%
11		1.4%	1.4%		0.3%	1.4%	1.8%	1.1%	1.4%
21		1.5%	1.4%		0.8%	1.0%	0.9%	2.3%	1.4%
6		1.3%	1.4%		0.0%	0.0%	3.3%	0.4%	1.8%
4		1.3%	1.3%		0.0%	1.9%	0.9%	1.1%	1.4%
19		1.6%	1.1%		1.0%	1.1%	0.7%	1.1%	1.4%
15		1.9%	1.1%		2.5%	0.7%	1.1%	1.4%	1.1%
24		1.6%	1.0%		1.0%	1.0%	1.0%	1.2%	0.9%
20		1.2%	1.0%		-0.3%	0.9%	0.9%	1.0%	1.2%
3		1.6%	0.9%		1.4%	1.2%	0.8%	0.7%	1.0%
8		1.6%	0.9%		1.4%	1.1%	1.1%	0.7%	0.7%
16		1.4%	0.9%		0.5%	1.1%	1.3%	0.2%	0.9%
14		1.3%	0.8%		0.0%	0.4%	0.7%	1.1%	1.1%
22		1.1%	0.7%		-0.8%	0.9%	1.1%	1.4%	-0.5%
13		1.8%	0.7%		2.1%	0.7%	0.7%	0.7%	0.7%
9		1.4%	0.7%		0.5%	0.9%	0.7%	0.6%	0.5%
7		1.6%	0.4%		1.4%	0.7%	0.4%	0.4%	0.4%
26		1.2%	0.3%		-0.4%	0.7%	-0.7%	0.0%	1.1%
MEDIAN		1.6%	1.3%		1.0%	1.1%	1.1%	1.1%	1.4%
MEAN		1.6%	1.5%		1.2%	1.3%	1.7%	1.4%	1.6%
STD DEV		0.6%	1.0%		2.6%	1.1%	1.4%	1.2%	1.3%
HIGH		4.3%	5.6%		12.5%	4.1%	6.1%	6.1%	6.1%
LOW		0.3%	0.3%		-3.9%	-1.8%	-0.7%	0.0%	-0.5%

Table 5 - Real GDP, chained dollars

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	0.2%			2.5%					
1		4.9%	5.6%		12.0%	4.1%	6.1%	6.1%	6.1%
2		6.9%	4.3%		20.9%	-5.6%	7.9%	7.9%	7.7%
3		2.4%	4.1%		1.5%	2.5%	3.3%	5.1%	5.3%
4		2.5%	3.7%		2.1%	3.0%	3.5%	3.5%	5.0%
5		2.1%	3.7%		0.4%	3.3%	3.6%	4.1%	3.9%
6		2.7%	3.7%		3.0%	3.8%	3.7%	3.7%	3.5%
7		2.3%	3.5%		1.2%	2.3%	3.2%	4.2%	4.5%
8		2.3%	3.3%		1.4%	2.5%	3.0%	3.9%	4.0%
9		2.8%	3.3%		3.3%	2.6%	3.1%	3.7%	3.9%
10		2.5%	3.1%		2.1%	2.7%	3.1%	3.3%	3.4%
11		2.4%	3.1%		1.5%	2.9%	2.8%	3.3%	3.3%
12		2.3%	3.0%		1.4%	2.4%	2.9%	3.1%	3.5%
13		3.7%	3.0%		6.9%	3.0%	3.0%	3.0%	2.9%
14		2.5%	3.0%		2.2%	3.0%	2.8%	2.9%	3.1%
15		2.3%	2.9%		1.3%	4.1%	3.2%	0.1%	4.1%
16		2.7%	2.9%		2.8%	1.5%	2.2%	3.6%	4.2%
17		2.6%	2.6%		2.3%	1.6%	3.2%	2.4%	3.2%
18		2.6%	2.5%		2.6%	2.4%	2.6%	2.5%	2.6%
19		2.3%	2.5%		1.4%	2.5%	2.2%	2.4%	2.8%
20		2.3%	2.3%		1.4%	2.2%	2.1%	2.5%	2.5%
21		2.2%	2.1%		0.7%	1.5%	1.6%	2.3%	3.0%
22		2.5%	1.8%		1.9%	0.8%	1.6%	3.0%	2.0%
23		2.4%	1.5%		1.5%	2.0%	1.6%	1.2%	1.2%
24		2.2%	1.3%		0.7%	1.2%	1.3%	1.4%	1.2%
25		2.3%	1.1%		1.4%	0.9%	1.2%	1.1%	1.2%
26		2.0%	-0.6%		-0.1%	2.7%	-0.3%	-2.1%	-2.5%
27		0.2%	-1.0%		-6.6%	-1.0%	-1.0%	-1.0%	-1.0%
MEDIAN		2.4%	3.0%		1.5%	2.5%	2.9%	3.0%	3.3%
MEAN		2.6%	2.7%		2.6%	2.0%	2.7%	2.9%	3.1%
STD DEV		1.1%	1.4%		4.6%	1.8%	1.7%	2.0%	2.0%
HIGH		6.9%	5.6%		20.9%	4.1%	7.9%	7.9%	7.7%
LOW		0.2%	-1.0%		-6.6%	-5.6%	-1.0%	-2.1%	-2.5%

Table 6 - Personal consumption expenditures

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	0.2%			2.8%					
2		17.6%	13.5%		78.4%	3.0%	4.1%	30.9%	18.1%
1		3.7%	10.4%		8.0%	8.2%	12.6%	12.6%	8.2%
16		3.0%	4.5%		5.3%	3.9%	3.8%	4.2%	6.1%
x1		13.9%	4.1%		57.3%	4.5%	3.3%	4.2%	4.5%
4		2.3%	3.7%		2.4%	3.2%	3.5%	3.5%	4.6%
14		2.4%	3.0%		2.6%	2.7%	3.0%	3.1%	3.4%
7		2.2%	2.8%		1.8%	2.1%	2.4%	3.2%	3.4%
3		2.3%	2.7%		2.2%	2.6%	2.7%	2.7%	2.8%
17		2.3%	2.6%		2.4%	2.6%	2.6%	2.6%	2.6%
18		2.3%	2.6%		2.4%	2.5%	2.8%	2.5%	2.7%
11		2.7%	2.6%		3.9%	2.4%	2.6%	2.8%	2.6%
10		2.0%	2.6%		1.3%	2.1%	2.4%	2.7%	3.0%
21		2.2%	2.5%		1.9%	3.1%	2.6%	2.2%	2.2%
12		2.3%	2.5%		2.2%	2.3%	2.5%	2.5%	2.7%
5		2.3%	2.5%		2.4%	2.4%	2.4%	2.5%	2.6%
8		2.3%	2.5%		2.2%	2.3%	2.3%	2.7%	2.8%
22		2.4%	2.5%		2.7%	2.1%	2.7%	4.8%	0.3%
9		2.3%	2.4%		2.2%	2.8%	1.9%	2.3%	2.5%
15		2.3%	2.3%		2.4%	2.4%	3.4%	1.5%	2.1%
20		2.2%	2.1%		1.8%	1.9%	2.1%	2.1%	2.1%
25		2.5%	2.0%		3.0%	2.0%	2.0%	2.0%	2.0%
6		2.2%	1.9%		2.0%	1.9%	1.9%	1.9%	2.0%
19		2.2%	1.9%		1.9%	1.9%	1.9%	1.9%	2.0%
23		2.3%	1.6%		2.2%	1.6%	1.6%	1.6%	1.6%
24		1.8%	1.4%		0.4%	1.3%	1.5%	1.2%	1.8%
13		2.9%	1.1%		4.8%	1.1%	1.1%	1.1%	1.1%
27		1.6%	0.9%		-0.5%	1.0%	1.0%	0.9%	0.9%
26		1.8%	-0.3%		0.2%	1.0%	-0.8%	-0.6%	-0.6%
MEDIAN		2.3%	2.5%		2.3%	2.3%	2.5%	2.5%	2.6%
MEAN		3.3%	3.0%		7.1%	2.5%	2.7%	3.8%	3.2%
STD DEV		3.5%	2.7%		17.1%	1.3%	2.1%	5.7%	3.3%
HIGH		17.6%	13.5%		78.4%	8.2%	12.6%	30.9%	18.1%
LOW		1.6%	-0.3%		-0.5%	1.0%	-0.8%	-0.6%	-0.6%

Table 7 - Business fixed investment

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	-12.7%			10.3%					
3		11.1%	20.1%		9.4%	15.9%	18.1%	19.3%	27.4%
1		11.2%	18.7%		9.8%	21.6%	21.6%	10.4%	21.6%
9		12.3%	13.6%		14.1%	10.8%	14.6%	14.3%	14.5%
8		11.0%	13.3%		9.0%	11.0%	11.2%	16.0%	15.3%
15		10.5%	12.7%		6.8%	25.7%	11.7%	-2.3%	17.8%
7		11.1%	12.7%		9.5%	10.6%	11.1%	14.4%	14.7%
6		12.5%	11.6%		14.7%	13.2%	11.1%	10.7%	11.6%
19		12.3%	11.2%		14.0%	12.7%	10.7%	10.3%	11.1%
13		9.5%	10.7%		3.2%	11.2%	10.9%	10.6%	10.3%
11		11.5%	9.1%		10.8%	12.3%	8.7%	6.8%	8.7%
5		11.2%	9.1%		9.8%	9.3%	8.8%	10.2%	8.2%
20		11.0%	8.7%		9.1%	9.9%	8.9%	8.0%	8.1%
12		10.5%	8.3%		6.9%	5.4%	8.2%	9.4%	10.2%
4		8.6%	7.4%		-0.3%	7.5%	7.1%	7.4%	7.6%
14		11.1%	7.2%		9.3%	8.2%	7.2%	6.6%	6.9%
24		9.1%	7.2%		1.8%	8.9%	8.7%	6.5%	4.7%
10		11.8%	6.6%		12.1%	7.5%	6.5%	5.8%	6.6%
17		10.1%	6.1%		5.6%	6.1%	6.1%	6.1%	6.1%
21		10.0%	6.0%		5.1%	7.8%	4.9%	5.7%	5.6%
22		10.6%	5.7%		7.5%	8.7%	5.4%	3.0%	5.8%
27		5.6%	5.6%		-10.7%	5.7%	5.6%	5.5%	5.4%
2		17.4%	4.9%		36.4%	-23.2%	26.1%	10.0%	13.8%
16		10.6%	4.5%		7.5%	3.6%	4.4%	4.6%	5.4%
18		10.0%	4.2%		5.0%	3.5%	4.5%	5.0%	4.0%
23		9.4%	3.5%		2.7%	4.1%	2.8%	0.8%	6.4%
25		9.2%	1.4%		1.9%	0.2%	1.8%	1.8%	1.8%
26		8.7%	-2.9%		0.3%	2.9%	-5.6%	-4.3%	-4.3%
MEDIAN		10.6%	7.4%		7.5%	8.7%	8.7%	6.8%	8.1%
MEAN		10.7%	8.4%		7.8%	8.2%	8.9%	7.5%	9.5%
STD DEV		1.9%	4.8%		7.7%	8.2%	6.1%	5.2%	6.3%
HIGH		17.4%	20.1%		36.4%	25.7%	26.1%	19.3%	27.4%
LOW		5.6%	-2.9%		-10.7%	-23.2%	-5.6%	-4.3%	-4.3%

Table 8 - Residential investment

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	-13.4%			-27.5%					
x1	-8.4%	27.5%		-11.9%	9.3%	27.4%	28.5%	47.6%	
4	-2.0%	23.6%		15.2%	14.5%	23.0%	23.3%	34.4%	
20	-4.2%	23.1%		5.3%	20.2%	21.0%	25.1%	26.2%	
27	5.4%	22.2%		54.1%	24.1%	22.8%	21.6%	20.5%	
5	-3.6%	21.3%		7.9%	18.1%	21.6%	23.9%	21.6%	
7	-5.6%	21.0%		-0.7%	5.3%	17.4%	30.4%	32.8%	
22	2.5%	17.9%		37.9%	6.8%	-6.7%	27.4%	52.1%	
9	-4.3%	16.7%		5.1%	14.3%	10.9%	17.2%	24.9%	
6	-3.3%	14.3%		9.5%	15.9%	16.0%	13.8%	11.3%	
3	-5.6%	12.9%		-0.7%	4.3%	12.6%	16.3%	18.9%	
8	-5.6%	12.2%		-0.7%	4.2%	12.0%	15.4%	17.6%	
18	-7.8%	10.5%		-9.5%	6.0%	12.0%	12.0%	12.0%	
10	5.6%	10.2%		55.8%	8.0%	10.1%	12.2%	10.7%	
21	-3.0%	10.0%		10.7%	7.3%	16.0%	3.9%	13.2%	
11	-1.4%	9.2%		18.4%	17.7%	8.2%	5.7%	5.6%	
2	-1.3%	8.2%		18.9%	-15.0%	7.6%	30.9%	14.3%	
19	-5.0%	6.3%		1.7%	2.0%	6.0%	8.5%	8.9%	
25	-5.2%	5.9%		1.0%	2.9%	16.9%	2.5%	2.0%	
14	-7.0%	5.3%		-6.3%	0.1%	3.7%	7.2%	10.6%	
24	-3.4%	4.8%		8.8%	6.2%	4.9%	6.0%	2.3%	
15	-7.8%	3.2%		-9.7%	0.0%	3.9%	2.5%	6.4%	
1	-6.0%	2.0%		-2.2%	0.0%	0.0%	8.2%	0.0%	
13	-7.2%	1.3%		-7.3%	1.3%	1.3%	1.3%	1.3%	
17	-4.4%	0.5%		4.3%	0.0%	1.6%	0.0%	0.4%	
23	-6.0%	0.5%		-2.2%	-0.8%	1.2%	0.8%	0.8%	
12	-8.4%	-0.1%		-12.0%	-1.4%	-1.5%	0.0%	2.5%	
26	-3.4%	-3.0%		8.8%	33.9%	-10.8%	-16.3%	-11.6%	
16	-7.1%	-5.5%		-7.0%	-13.6%	-7.3%	-0.9%	0.5%	
MEDIAN	-4.7%	9.6%		3.0%	5.7%	9.2%	10.2%	11.0%	
MEAN	-4.1%	10.1%		6.9%	6.8%	9.0%	11.7%	13.9%	
STD DEV	3.6%	8.8%		17.1%	10.3%	9.7%	11.4%	14.5%	
HIGH	5.6%	27.5%		55.8%	33.9%	27.4%	30.9%	52.1%	
LOW	-8.4%	-5.5%		-12.0%	-15.0%	-10.8%	-16.3%	-11.6%	

Table 9 - Change in private inventories

Individual	Q4 value			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	-36.7			\$111.5					
12	\$115.80	\$153.80		\$115.80	\$120.80	\$130.80	\$140.80	\$153.80	
1	\$118.97	\$137.16		\$118.97	\$123.13	\$129.29	\$133.16	\$137.16	
24	\$120.00	\$135.00		\$120.00	\$124.00	\$128.00	\$132.00	\$135.00	
2	\$120.00	\$125.00		\$120.00	\$135.00	\$143.00	\$145.00	\$125.00	
25	\$140.20	\$120.50		\$140.20	\$35.00	\$70.10	\$90.20	\$120.50	
15	\$110.00	\$100.00		\$110.00	\$105.00	\$106.00	\$80.00	\$100.00	
16	\$93.90	\$90.62		\$93.90	\$89.06	\$75.08	\$97.42	\$90.62	
18	\$125.00	\$90.00		\$125.00	\$120.00	\$110.00	\$100.00	\$90.00	
13	\$120.00	\$80.00		\$120.00	\$110.00	\$100.00	\$90.00	\$80.00	
4	\$92.40	\$79.95		\$92.40	\$87.78	\$100.95	\$99.94	\$79.95	
26	\$110.00	\$70.00		\$110.00	\$95.00	\$90.00	\$85.00	\$70.00	
11	\$62.00	\$62.00		\$62.00	\$63.00	\$61.00	\$58.00	\$62.00	
14	\$100.50	\$60.50		\$100.50	\$90.50	\$80.50	\$70.50	\$60.50	
6	\$97.00	\$60.00		\$97.00	\$80.00	\$65.00	\$60.00	\$60.00	
19	\$97.00	\$60.00		\$97.00	\$80.00	\$65.00	\$60.00	\$60.00	
9	\$97.49	\$50.58		\$97.49	\$79.44	\$49.23	\$43.54	\$50.58	
27	\$120.00	\$50.00		\$120.00	\$102.50	\$85.00	\$67.50	\$50.00	
3	\$75.20	\$47.90		\$75.20	\$63.50	\$51.70	\$45.90	\$47.90	
8	\$75.20	\$47.90		\$75.20	\$63.50	\$51.70	\$45.90	\$47.90	
7	\$72.90	\$47.40		\$72.90	\$58.90	\$48.80	\$43.50	\$47.40	
5	\$60.00	\$45.00		\$60.00	\$50.00	\$45.00	\$45.00	\$45.00	
21	\$70.00	\$40.00		\$70.00	\$45.00	\$35.00	\$40.00	\$40.00	
10	\$49.00	\$33.00		\$49.00	\$42.00	\$37.00	\$33.00	\$33.00	
20	\$89.16	\$24.61		\$89.16	\$81.09	\$55.32	\$37.65	\$24.61	
22	\$123.00	\$10.20		\$123.00	\$55.78	\$29.30	\$18.21	\$10.20	
23	-\$50.00	-\$25.00		-\$50.00	\$100.00	\$75.00	\$25.00	-\$25.00	
MEDIAN	\$97.2	\$60.3		\$97.2	\$84.4	\$72.6	\$63.8	\$60.3	
MEAN	\$92.5	\$69.1		\$92.5	\$84.6	\$77.6	\$72.6	\$69.1	
STD DEV	\$36.7	\$40.9		\$36.7	\$27.7	\$31.9	\$35.9	\$40.9	
HIGH	\$140.2	\$153.8		\$140.2	\$135.0	\$143.0	\$145.0	\$153.8	
LOW	-\$50.0	-\$25.0		-\$50.0	\$35.0	\$29.3	\$18.2	-\$25.0	

Table 10 - Net exports of goods and services

Individual	Q4 value			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	-330.1			-506.7					
23	-\$310.00	-\$225.00		-\$310.00	-\$300.00	-\$275.00	-\$250.00	-\$225.00	
9	-\$468.30	-\$399.48		-\$468.30	-\$468.54	-\$429.34	-\$405.54	-\$399.48	
1	-\$550.00	-\$400.00		-\$550.00	-\$500.00	-\$450.00	-\$450.00	-\$400.00	
2	-\$455.00	-\$400.00		-\$455.00	-\$400.00	-\$385.00	-\$375.00	-\$400.00	
13	-\$600.00	-\$400.00		-\$600.00	-\$550.00	-\$500.00	-\$450.00	-\$400.00	
4	-\$439.60	-\$407.60		-\$439.60	-\$419.98	-\$424.27	-\$424.48	-\$407.60	
10	-\$458.00	-\$413.00		-\$458.00	-\$447.00	-\$431.00	-\$415.00	-\$413.00	
3	-\$499.00	-\$447.60		-\$499.00	-\$487.80	-\$468.80	-\$455.10	-\$447.60	
25	-\$535.50	-\$455.00		-\$535.50	-\$421.10	-\$452.40	-\$425.70	-\$455.00	
22	-\$550.00	-\$469.10		-\$550.00	-\$525.30	-\$510.60	-\$488.50	-\$469.10	
7	-\$497.80	-\$470.40		-\$497.80	-\$488.10	-\$471.30	-\$466.50	-\$470.40	
12	-\$502.60	-\$493.21		-\$502.60	-\$496.60	-\$495.64	-\$494.51	-\$493.21	
26	-\$500.00	-\$500.00		-\$500.00	-\$450.00	-\$425.00	-\$460.00	-\$500.00	
20	-\$508.52	-\$500.17		-\$508.52	-\$517.43	-\$515.69	-\$509.87	-\$500.17	
5	-\$521.18	-\$503.83		-\$521.18	-\$520.66	-\$518.53	-\$510.54	-\$503.83	
21	-\$508.80	-\$517.24		-\$508.80	-\$526.55	-\$547.23	-\$532.28	-\$517.24	
18	-\$515.21	-\$532.47		-\$515.21	-\$519.48	-\$523.79	-\$528.12	-\$532.47	
6	-\$524.40	-\$538.20		-\$524.40	-\$520.20	-\$521.90	-\$530.90	-\$538.20	
19	-\$524.40	-\$538.20		-\$524.40	-\$520.20	-\$521.90	-\$530.90	-\$538.20	
14	-\$549.20	-\$542.60		-\$549.20	-\$536.90	-\$535.90	-\$538.60	-\$542.60	
15	-\$515.00	-\$560.00		-\$515.00	-\$520.00	-\$550.00	-\$550.00	-\$560.00	
11	-\$536.00	-\$570.00		-\$536.00	-\$566.00	-\$575.00	-\$571.00	-\$570.00	
8	-\$549.40	-\$583.70		-\$549.40	-\$566.40	-\$566.10	-\$572.50	-\$583.70	
27	-\$550.00	-\$595.00		-\$550.00	-\$561.25	-\$572.50	-\$583.75	-\$595.00	
24	-\$570.00	-\$610.00		-\$570.00	-\$585.00	-\$588.00	-\$595.00	-\$610.00	
16	-\$533.67	-\$668.52		-\$533.67	-\$580.76	-\$606.40	-\$638.88	-\$668.52	
MEDIAN	-\$518.2	-\$500.1		-\$518.2	-\$519.7	-\$513.1	-\$502.2	-\$500.1	
MEAN	-\$510.4	-\$490.0		-\$510.4	-\$499.8	-\$494.7	-\$490.5	-\$490.0	
STD DEV	\$53.7	\$89.2		\$53.7	\$62.9	\$71.6	\$80.0	\$89.2	
HIGH	-\$310.0	-\$225.0		-\$310.0	-\$300.0	-\$275.0	-\$250.0	-\$225.0	
LOW	-\$600.0	-\$668.5		-\$600.0	-\$585.0	-\$606.4	-\$638.9	-\$668.5	

Table 11 - Government consumption expenditures and gross investment

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	0.8%			4.0%					
13		1.9%	7.7%		1.5%	7.9%	7.8%	7.6%	7.5%
11		3.8%	4.6%		2.0%	4.9%	4.0%	4.9%	4.4%
2		1.6%	2.7%		0.0%	10.9%	-1.2%	0.8%	0.8%
5		2.2%	2.3%		2.5%	2.5%	2.5%	2.1%	2.0%
24		2.0%	2.2%		1.7%	2.3%	2.3%	2.1%	2.0%
18		2.1%	1.9%		2.2%	2.0%	1.5%	2.0%	2.3%
16		2.5%	1.9%		3.7%	1.3%	2.0%	2.1%	2.1%
26		1.2%	1.4%		-1.6%	0.6%	0.9%	2.3%	1.5%
27		1.0%	1.0%		-2.3%	1.0%	1.0%	1.0%	1.0%
15		1.6%	1.0%		0.0%	1.2%	1.4%	0.0%	1.2%
6		1.9%	0.9%		1.4%	0.9%	0.8%	0.8%	1.0%
19		1.9%	0.9%		1.4%	1.0%	0.8%	0.8%	1.0%
12		1.5%	0.5%		-0.4%	0.5%	0.7%	0.4%	0.4%
14		1.3%	0.5%		-1.2%	0.3%	0.1%	0.7%	0.8%
10		0.5%	0.4%		-4.3%	0.2%	-0.2%	0.8%	0.6%
21		1.0%	0.2%		-2.2%	-0.1%	0.3%	0.5%	0.3%
20		1.4%	-0.4%		-0.8%	-0.3%	0.3%	-0.2%	-1.4%
25		4.0%	-0.5%		9.8%	1.4%	9.3%	4.4%	-15.4%
4		1.0%	-0.6%		-2.0%	0.6%	-0.5%	-1.1%	-1.3%
7		1.5%	-0.6%		-0.4%	-0.8%	-0.6%	-0.4%	-0.6%
8		1.5%	-0.8%		-0.4%	-1.0%	-0.9%	-0.6%	-0.9%
3		1.5%	-0.8%		-0.4%	-1.0%	-0.9%	-0.6%	-0.9%
9		1.0%	-1.0%		-2.2%	-0.6%	-0.9%	-1.2%	-1.2%
23		2.4%	-2.0%		3.4%	0.0%	-11.5%	1.2%	2.9%
22		2.0%	-3.7%		1.8%	-2.2%	-1.9%	-8.3%	-2.1%
1		0.0%	-3.9%		-6.1%	-7.6%	-7.8%	0.0%	0.0%
MEDIAN		1.5%	0.5%		-0.2%	0.6%	0.5%	0.8%	0.8%
MEAN		1.7%	0.6%		0.3%	1.0%	0.4%	0.8%	0.3%
STD DEV		0.8%	2.3%		2.9%	3.2%	3.8%	2.7%	3.7%
HIGH		4.0%	7.7%		9.8%	10.9%	9.3%	7.6%	7.5%
LOW		0.0%	-3.9%		-6.1%	-7.6%	-11.5%	-8.3%	-15.4%

Table 12 - Industrial production

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	-3.8%			5.2%					
1		8.9%	19.2%		16.3%	17.0%	21.6%	21.6%	17.0%
25		5.5%	8.4%		2.6%	26.0%	3.3%	3.6%	2.4%
22		5.6%	7.3%		2.9%	8.2%	8.0%	7.5%	5.5%
4		4.9%	7.0%		0.2%	19.6%	2.7%	3.4%	3.3%
15		5.1%	6.8%		0.9%	6.1%	4.3%	8.6%	8.4%
14		6.1%	5.4%		4.8%	5.2%	5.5%	5.5%	5.4%
5		5.9%	5.1%		4.0%	5.1%	5.1%	5.1%	5.1%
11		6.1%	5.0%		4.8%	5.2%	5.1%	4.6%	5.0%
9		6.2%	4.9%		5.2%	3.9%	4.7%	5.1%	5.7%
27		-3.5%	4.7%		-28.1%	4.7%	4.7%	4.6%	4.6%
7		5.3%	4.4%		1.7%	3.5%	3.9%	4.7%	5.5%
8		5.4%	4.4%		2.2%	3.0%	3.9%	5.1%	5.5%
2		8.6%	4.3%		15.4%	-5.3%	8.6%	2.1%	12.8%
21		4.4%	4.3%		-1.7%	0.0%	4.4%	8.8%	4.2%
23		6.2%	4.0%		5.5%	2.8%	2.8%	3.4%	7.0%
10		4.9%	3.4%		0.4%	3.0%	3.4%	3.4%	3.8%
x1		5.3%	3.4%		1.7%	5.2%	0.0%	4.3%	4.2%
24		5.3%	3.3%		1.7%	1.7%	-0.8%	6.1%	6.4%
13		6.6%	3.2%		7.0%	3.2%	3.2%	3.1%	3.1%
3		5.2%	3.1%		1.4%	2.5%	2.9%	3.3%	3.8%
18		5.6%	2.9%		3.0%	3.5%	3.0%	2.8%	2.5%
20		5.3%	2.6%		2.0%	2.6%	2.3%	2.6%	2.8%
6		4.9%	2.5%		0.4%	0.4%	1.3%	3.5%	4.7%
19		4.9%	2.4%		0.4%	0.4%	1.3%	3.5%	4.3%
16		4.9%	1.6%		0.2%	1.5%	-2.1%	3.5%	3.5%
26		11.1%	-7.1%		26.2%	-7.8%	-4.1%	-8.1%	-8.2%
MEDIAN		5.4%	4.3%		2.1%	3.3%	3.3%	4.0%	4.6%
MEAN		5.6%	4.5%		3.1%	4.7%	3.8%	4.7%	4.9%
STD DEV		2.3%	4.0%		8.6%	6.8%	4.5%	4.5%	4.1%
HIGH		11.1%	19.2%		26.2%	26.0%	21.6%	21.6%	17.0%
LOW		-3.5%	-7.1%		-28.1%	-7.8%	-4.1%	-8.1%	-8.2%

Table 13 - Car and light truck sales (millions)

Individual	2009	2010	2011	Q310	Q410	Q111	Q211	Q311	Q411
	10.4			11.6					
14		12.3	14.0		12.3	12.7	13.2	13.6	14.0
5		11.6	13.2		12.5	12.8	13.0	13.3	13.9
3		11.9	13.2		12.2	12.6	13.1	13.4	13.8
8		11.9	13.2		12.2	12.6	13.1	13.4	13.8
16		11.6	13.1		12.6	12.8	13.0	13.2	13.4
21		11.5	13.0		12.0	12.1	12.7	13.2	13.8
7		11.5	12.9		12.0	12.4	12.6	13.1	13.6
10		11.4	12.9		11.7	12.1	12.7	13.2	13.6
17		11.5	12.8		11.8	12.2	12.7	13.0	13.3
4		11.0	12.8		12.1	12.4	12.8	13.1	13.5
11		11.5	12.8		12.0	12.2	12.4	12.8	13.5
20		11.5	12.7		12.0	12.2	12.5	12.8	13.4
x2		11.5	12.7		12.1	12.7	13.1	12.4	12.5
15		11.5	12.7		12.1	12.3	12.4	12.9	13.1
2		11.3	12.6		12.8	12.3	12.6	12.8	12.5
x3		11.5	12.6		12.0	12.2	12.4	12.7	13.2
18		11.4	12.3		11.9	12.0	12.2	12.4	12.5
24		11.8	12.2		11.8	11.9	12.1	12.1	12.2
25		11.4	12.2		11.5	11.9	12.2	12.6	12.1
6		11.4	12.1		11.8	11.8	11.9	12.1	12.4
19		11.4	12.1		11.8	11.8	11.9	12.1	12.4
27		11.0	12.0		11.0	11.3	11.5	11.8	12.0
22		11.5	11.9		11.7	11.8	11.9	12.0	12.1
26		11.4	11.7		11.6	12.0	11.8	11.5	11.3
23		11.5	11.7		11.5	11.6	11.4	12.0	11.6
1		11.2	11.6		11.9	12.3	12.7	13.0	13.4
13		11.9	11.3		11.9	11.8	11.6	11.5	11.3
MEDIAN		11.5	12.7		12.0	12.2	12.5	12.8	13.2
MEAN		11.5	12.5		12.0	12.2	12.4	12.7	12.9
STD DEV		0.3	0.6		0.4	0.4	0.5	0.6	0.8
HIGH		12.3	14.0		12.8	12.8	13.2	13.6	14.0
LOW		11.0	11.3		11.0	11.3	11.4	11.5	11.3

Table 14 - Housing starts (Millions)

Individual	2009	2010	2011	Q310	Q410	Q111	Q211	Q311	Q411
	0.55			0.58					
4		0.61	0.85		0.64	0.71	0.79	0.90	1.01
20		0.60	0.81		0.61	0.69	0.75	0.85	0.94
14		0.62	0.80		0.62	0.61	0.65	0.72	0.80
27		0.61	0.80		0.61	0.66	0.71	0.75	0.80
7		0.59	0.75		0.57	0.62	0.70	0.80	0.88
13		0.61	0.75		0.61	0.65	0.68	0.72	0.75
9		0.61	0.75		0.64	0.67	0.69	0.78	0.85
5		0.61	0.75		0.62	0.67	0.72	0.77	0.83
6		0.61	0.74		0.62	0.64	0.70	0.78	0.82
24		0.61	0.74		0.61	0.64	0.69	0.71	0.74
19		0.61	0.74		0.62	0.64	0.70	0.78	0.82
x1		0.60	0.71		0.60	0.59	0.65	0.75	0.85
11		0.61	0.70		0.62	0.68	0.69	0.73	0.75
10		0.60	0.69		0.60	0.61	0.65	0.72	0.79
3		0.59	0.69		0.56	0.61	0.67	0.71	0.77
8		0.59	0.69		0.57	0.61	0.67	0.71	0.77
18		0.60	0.65		0.60	0.62	0.64	0.66	0.68
x2		0.58	0.63		0.53	0.59	0.61	0.71	0.62
2		0.58	0.63		0.61	0.58	0.65	0.70	0.59
15		0.60	0.62		0.59	0.61	0.62	0.61	0.63
22		0.59	0.61		0.57	0.59	0.62	0.60	0.63
23		0.59	0.60		0.59	0.58	0.60	0.61	0.62
26		0.60	0.60		0.61	0.59	0.62	0.69	0.65
21		0.58	0.59		0.53	0.56	0.58	0.61	0.62
25		0.59	0.59		0.56	0.54	0.62	0.61	0.60
1		0.58	0.59		0.59	0.59	0.59	0.60	0.61
16		0.57	0.43		0.49	0.45	0.42	0.44	0.41
MEDIAN		0.60	0.69		0.60	0.61	0.65	0.71	0.75
MEAN		0.60	0.68		0.59	0.61	0.65	0.70	0.73
STD DEV		0.01	0.09		0.03	0.05	0.07	0.09	0.13
HIGH		0.62	0.85		0.64	0.71	0.79	0.90	1.01
LOW		0.57	0.43		0.49	0.45	0.42	0.44	0.41

Table 15 - Oil price (dollars per barrel of West Texas Intermediate)

Individual	Q4 value			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	\$76.07			\$76.17					
8	\$83.00	\$105.00		\$83.00	\$86.00	\$95.00	\$100.00	\$105.00	
5	\$83.84	\$100.85		\$83.84	\$88.85	\$96.38	\$103.92	\$100.85	
17	\$80.00	\$96.00		\$80.00	\$83.00	\$89.00	\$94.00	\$96.00	
18	\$82.00	\$95.00		\$82.00	\$86.00	\$89.00	\$92.00	\$95.00	
x2	\$83.10	\$92.00		\$83.10	\$78.50	\$98.20	\$94.30	\$92.00	
23	\$88.00	\$91.52		\$88.00	\$90.00	\$94.00	\$92.00	\$91.52	
3	\$84.00	\$90.00		\$84.00	\$84.00	\$84.00	\$87.00	\$90.00	
14	\$82.67	\$88.25		\$82.67	\$84.03	\$85.41	\$86.82	\$88.25	
27	\$85.00	\$88.00		\$85.00	\$85.75	\$86.50	\$87.25	\$88.00	
7	\$82.43	\$87.79		\$82.43	\$84.03	\$85.22	\$86.51	\$87.79	
6	\$83.00	\$87.00		\$83.00	\$83.00	\$85.00	\$86.00	\$87.00	
x1	\$77.00	\$86.00		\$77.00	\$79.00	\$84.00	\$85.00	\$86.00	
4	\$80.30	\$85.88		\$80.30	\$80.70	\$81.37	\$84.21	\$85.88	
10	\$79.70	\$85.30		\$79.70	\$81.00	\$82.40	\$83.80	\$85.30	
25	\$80.33	\$85.14		\$80.33	\$81.17	\$85.85	\$84.93	\$85.14	
19	\$86.00	\$85.00		\$86.00	\$83.00	\$84.00	\$85.00	\$85.00	
26	\$85.00	\$85.00		\$85.00	\$90.00	\$95.00	\$90.00	\$85.00	
2	\$88.65	\$85.00		\$88.65	\$90.25	\$95.00	\$94.00	\$85.00	
11	\$85.00	\$84.00		\$85.00	\$83.00	\$83.00	\$84.00	\$84.00	
15	\$77.00	\$84.00		\$77.00	\$79.00	\$81.00	\$80.00	\$84.00	
20	\$81.00	\$84.00		\$81.00	\$81.00	\$82.00	\$83.00	\$84.00	
22	\$78.10	\$83.70		\$78.10	\$79.30	\$81.50	\$84.20	\$83.70	
16	\$83.10	\$83.03		\$83.10	\$83.42	\$81.32	\$82.26	\$83.03	
1	\$77.00	\$83.00		\$77.00	\$82.00	\$87.00	\$87.00	\$83.00	
13	\$82.00	\$83.00		\$82.00	\$82.25	\$82.50	\$82.75	\$83.00	
21	\$75.00	\$75.00		\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	
24	\$85.90	\$68.00		\$85.90	\$79.00	\$71.00	\$75.00	\$68.00	
MEDIAN	\$82.67	\$85.30		\$82.67	\$83.00	\$85.00	\$86.00	\$85.30	
MEAN	\$82.15	\$86.91		\$82.15	\$83.05	\$85.91	\$87.04	\$86.91	
STD DEV	\$3.36	\$7.02		\$3.36	\$3.74	\$6.33	\$6.41	\$7.02	
HIGH	\$88.65	\$105.00		\$88.65	\$90.25	\$98.20	\$103.92	\$105.00	
LOW	\$75.00	\$68.00		\$75.00	\$75.00	\$71.00	\$75.00	\$68.00	

Table 16 - Unemployment rate

Individual	Q4 value			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	10.0%			9.6%					
24		9.4%	9.8%		9.4%	9.3%	9.1%	8.9%	9.8%
13		10.1%	9.7%		10.1%	10.0%	9.9%	9.8%	9.7%
20		9.6%	9.6%		9.6%	9.6%	9.6%	9.6%	9.6%
6		9.7%	9.5%		9.7%	9.9%	9.8%	9.7%	9.5%
19		9.7%	9.5%		9.7%	9.9%	9.8%	9.7%	9.5%
27		9.9%	9.5%		9.9%	9.8%	9.7%	9.6%	9.5%
7		9.7%	9.5%		9.7%	9.8%	9.8%	9.7%	9.5%
25		9.5%	9.4%		9.5%	9.7%	9.5%	9.5%	9.4%
9		9.6%	9.3%		9.6%	9.6%	9.5%	9.4%	9.3%
x2		9.6%	9.3%		9.6%	9.4%	9.5%	9.4%	9.3%
16		9.6%	9.3%		9.6%	9.6%	9.6%	9.4%	9.3%
3		9.6%	9.2%		9.6%	9.7%	9.6%	9.4%	9.2%
8		9.6%	9.2%		9.6%	9.7%	9.6%	9.4%	9.2%
11		9.7%	9.2%		9.7%	9.6%	9.5%	9.3%	9.2%
15		9.5%	9.2%		9.5%	9.5%	9.6%	9.3%	9.2%
26		9.3%	9.2%		9.3%	9.0%	8.8%	9.0%	9.2%
18		9.5%	9.1%		9.5%	9.4%	9.3%	9.2%	9.1%
23		9.4%	9.1%		9.4%	9.3%	9.3%	9.2%	9.1%
22		9.5%	9.1%		9.5%	9.5%	9.3%	9.2%	9.1%
14		9.5%	9.0%		9.5%	9.5%	9.3%	9.2%	9.0%
5		9.5%	9.0%		9.5%	9.4%	9.3%	9.2%	9.0%
12		9.8%	9.0%		9.8%	10.0%	9.8%	9.5%	9.0%
17		9.6%	9.0%		9.6%	9.4%	9.3%	9.1%	9.0%
10		9.5%	8.9%		9.5%	9.4%	9.3%	9.1%	8.9%
21		9.5%	8.9%		9.5%	9.4%	9.2%	9.0%	8.9%
x1		9.8%	8.9%		9.8%	9.8%	9.7%	9.3%	8.9%
4		9.7%	8.9%		9.7%	9.1%	9.1%	9.0%	8.9%
1		9.5%	8.5%		9.5%	9.5%	9.2%	8.8%	8.5%
2		9.8%	8.3%		9.8%	9.9%	9.2%	8.6%	8.3%
MEDIAN		9.6%	9.2%		9.6%	9.6%	9.5%	9.3%	9.2%
MEAN		9.6%	9.2%		9.6%	9.6%	9.5%	9.3%	9.2%
STD DEV		0.2%	0.3%		0.2%	0.2%	0.3%	0.3%	0.3%
HIGH		10.1%	9.8%		10.1%	10.0%	9.9%	9.8%	9.8%
LOW		9.3%	8.3%		9.3%	9.0%	8.8%	8.6%	8.3%

Table 17 - Inflation rate (consumer price index)

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	1.5%			1.5%					
22		1.3%	3.0%		2.9%	3.2%	3.1%	2.9%	2.9%
23		1.2%	2.4%		2.4%	2.4%	2.4%	2.4%	2.6%
21		0.9%	2.3%		1.2%	1.8%	1.8%	2.7%	2.7%
13		1.0%	2.2%		1.8%	2.0%	2.2%	2.3%	2.5%
2		1.0%	2.2%		1.6%	1.8%	2.0%	2.3%	3.0%
27		1.0%	2.0%		1.7%	1.8%	2.0%	2.1%	2.3%
18		1.0%	1.9%		1.7%	1.8%	1.8%	2.0%	2.2%
25		1.0%	1.9%		1.8%	1.6%	1.9%	2.0%	2.0%
19		0.9%	1.8%		1.5%	1.6%	1.7%	1.9%	2.2%
5		0.9%	1.8%		1.3%	1.5%	1.7%	1.7%	2.2%
12		0.9%	1.7%		1.4%	1.2%	1.2%	2.0%	2.5%
8		1.1%	1.7%		2.0%	1.8%	1.5%	1.5%	1.9%
3		1.1%	1.7%		2.0%	1.8%	1.5%	1.5%	1.9%
1		0.7%	1.6%		0.5%	1.0%	1.5%	2.0%	2.0%
6		0.8%	1.5%		0.9%	1.0%	1.6%	1.7%	1.9%
11		0.8%	1.5%		1.0%	1.0%	1.5%	1.7%	1.9%
4		0.9%	1.5%		1.2%	1.1%	1.6%	1.6%	1.5%
10		0.8%	1.4%		0.8%	1.1%	1.5%	1.6%	1.5%
20		0.7%	1.4%		0.4%	1.5%	3.9%	0.4%	0.0%
17		0.9%	1.3%		1.2%	1.3%	1.4%	1.3%	1.4%
9		0.8%	1.3%		0.9%	0.9%	1.5%	1.4%	1.2%
24		0.9%	1.2%		1.3%	1.2%	1.0%	1.2%	1.4%
26		0.9%	1.1%		1.4%	1.3%	1.3%	1.0%	0.9%
15		0.8%	1.1%		1.0%	1.1%	1.5%	1.1%	0.7%
14		0.7%	1.0%		0.4%	0.5%	1.1%	1.3%	1.2%
7		1.1%	0.9%		2.0%	1.1%	0.8%	0.9%	0.9%
16		0.6%	0.5%		0.3%	0.4%	-0.8%	1.2%	1.2%
MEDIAN		0.9%	1.6%		1.3%	1.3%	1.5%	1.7%	1.9%
MEAN		0.9%	1.6%		1.3%	1.4%	1.6%	1.7%	1.8%
STD DEV		0.2%	0.5%		0.6%	0.6%	0.8%	0.6%	0.7%
HIGH		1.3%	3.0%		2.9%	3.2%	3.9%	2.9%	3.0%
LOW		0.6%	0.5%		0.3%	0.4%	-0.8%	0.4%	0.0%

Table 18 - Treasury constant maturity - one-year rate

Individual	Q4 value			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	0.35%			0.27%					
22		0.27%	2.00%		0.27%	0.57%	0.93%	1.26%	2.00%
2		0.30%	1.50%		0.30%	0.40%	0.45%	1.25%	1.50%
4		0.32%	1.25%		0.32%	0.59%	0.80%	1.00%	1.25%
18		0.24%	1.22%		0.24%	0.24%	0.24%	0.59%	1.22%
27		0.60%	1.20%		0.60%	0.75%	0.90%	1.05%	1.20%
x2		0.25%	1.10%		0.25%	0.21%	0.48%	0.73%	1.10%
12		0.24%	0.91%		0.24%	0.21%	0.31%	0.48%	0.91%
26		0.33%	0.85%		0.33%	0.38%	0.55%	0.70%	0.85%
11		0.25%	0.75%		0.25%	0.25%	0.35%	0.55%	0.75%
5		0.25%	0.75%		0.25%	0.30%	0.30%	0.45%	0.75%
17		0.30%	0.65%		0.30%	0.35%	0.40%	0.55%	0.65%
24		0.22%	0.63%		0.22%	0.38%	0.52%	0.58%	0.63%
23		0.28%	0.60%		0.28%	0.30%	0.40%	0.50%	0.60%
3		0.60%	0.60%		0.60%	0.60%	0.60%	0.60%	0.60%
8		0.25%	0.59%		0.25%	0.25%	0.35%	0.52%	0.59%
10		0.40%	0.54%		0.40%	0.42%	0.45%	0.49%	0.54%
6		0.32%	0.52%		0.32%	0.32%	0.34%	0.42%	0.52%
1		0.27%	0.50%		0.27%	0.27%	0.27%	0.27%	0.50%
25		0.29%	0.41%		0.29%	0.34%	0.36%	0.38%	0.41%
19		0.20%	0.40%		0.20%	0.20%	0.20%	0.30%	0.40%
21		0.25%	0.40%		0.25%	0.25%	0.25%	0.35%	0.40%
15		0.27%	0.40%		0.27%	0.20%	0.29%	0.35%	0.40%
13		0.30%	0.35%		0.30%	0.31%	0.33%	0.34%	0.35%
16		0.22%	0.30%		0.22%	0.23%	0.24%	0.26%	0.30%
MEDIAN		0.27%	0.62%		0.27%	0.31%	0.36%	0.51%	0.62%
MEAN		0.30%	0.77%		0.30%	0.35%	0.43%	0.58%	0.77%
STD DEV		0.10%	0.41%		0.10%	0.14%	0.20%	0.28%	0.41%
HIGH		0.60%	2.00%		0.60%	0.75%	0.93%	1.26%	2.00%
LOW		0.20%	0.30%		0.20%	0.20%	0.20%	0.26%	0.30%

Table 19 - Treasury constant maturity - ten-year rate

Individual	Q4 value			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	3.46%			2.79%					
2	2.85%	5.25%		2.85%	2.95%	3.00%	3.89%	5.25%	
21	2.60%	4.00%		2.60%	2.80%	3.15%	3.50%	4.00%	
26	2.70%	4.00%		2.70%	2.77%	3.15%	3.60%	4.00%	
24	2.34%	3.73%		2.34%	2.40%	2.75%	3.35%	3.73%	
27	2.81%	3.65%		2.81%	3.02%	3.23%	3.44%	3.65%	
7	2.50%	3.52%		2.50%	2.74%	3.02%	3.28%	3.52%	
22	2.76%	3.50%		2.76%	2.86%	3.10%	3.07%	3.50%	
18	2.65%	3.31%		2.65%	2.70%	2.70%	2.93%	3.31%	
9	2.35%	3.25%		2.35%	2.25%	2.60%	3.00%	3.25%	
11	2.60%	3.25%		2.60%	2.65%	2.83%	3.00%	3.25%	
5	2.70%	3.25%		2.70%	2.60%	2.80%	3.10%	3.25%	
15	2.75%	3.10%		2.75%	2.78%	2.85%	2.90%	3.10%	
23	2.70%	3.10%		2.70%	2.80%	2.90%	3.00%	3.10%	
3	2.50%	3.07%		2.50%	2.49%	2.61%	2.87%	3.07%	
8	2.50%	3.07%		2.50%	2.49%	2.61%	2.87%	3.07%	
1	2.75%	3.00%		2.75%	2.50%	2.50%	2.50%	3.00%	
10	3.10%	3.00%		3.10%	3.00%	3.00%	3.00%	3.00%	
13	2.80%	2.95%		2.80%	2.84%	2.88%	2.91%	2.95%	
25	2.81%	2.95%		2.81%	2.82%	2.85%	2.89%	2.95%	
x1	2.76%	2.92%		2.76%	2.64%	2.66%	2.79%	2.92%	
16	2.54%	2.90%		2.54%	2.54%	2.70%	2.84%	2.90%	
4	2.57%	2.79%		2.57%	2.68%	2.67%	2.68%	2.79%	
12	2.51%	2.75%		2.51%	2.50%	2.50%	2.60%	2.75%	
14	2.61%	2.66%		2.61%	2.54%	2.58%	2.62%	2.66%	
6	2.40%	2.60%		2.40%	2.30%	2.40%	2.50%	2.60%	
19	2.40%	2.60%		2.40%	2.30%	2.40%	2.50%	2.60%	
20	2.60%	2.54%		2.60%	2.60%	2.46%	2.47%	2.54%	
x2	0.86%	1.50%		0.86%	0.81%	1.20%	1.30%	1.50%	
MEDIAN	2.61%	3.07%		2.61%	2.64%	2.73%	2.91%	3.07%	
MEAN	2.57%	3.15%		2.57%	2.58%	2.72%	2.91%	3.15%	
STD DEV	0.37%	0.63%		0.37%	0.40%	0.37%	0.46%	0.63%	
HIGH	3.10%	5.25%		3.10%	3.02%	3.23%	3.89%	5.25%	
LOW	0.86%	1.50%		0.86%	0.81%	1.20%	1.30%	1.50%	

Table 20 - J.P. Morgan trade weighted OECD dollar

Individual	Q4 over Q4			Q310	Q410	Q111	Q211	Q311	Q411
	2009	2010	2011						
	-7.5%			-1.5%					
21		4.1%	10.8%		10.8%	9.2%	12.6%	3.3%	18.6%
25		1.8%	2.7%		1.5%	3.1%	2.9%	2.1%	2.9%
16		1.1%	2.0%		-1.3%	1.3%	8.3%	-0.7%	-0.5%
22		1.1%	1.2%		-1.2%	-1.0%	-1.7%	2.1%	5.7%
13		1.2%	0.8%		-0.8%	-0.2%	0.5%	1.2%	1.8%
8		0.2%	0.8%		-5.0%	2.9%	3.6%	-1.6%	-1.7%
4		1.2%	0.0%		-1.0%	-0.1%	-0.1%	0.1%	0.1%
1		1.2%	0.0%		-1.0%	-1.0%	0.5%	0.5%	0.0%
2		1.2%	-0.3%		-1.0%	-1.3%	-0.8%	-0.4%	1.3%
18		0.4%	-1.0%		-4.0%	-1.0%	-1.0%	-1.0%	-1.0%
27		1.0%	-1.6%		-1.8%	-1.7%	-1.6%	-1.6%	-1.5%
10		0.9%	-2.0%		-2.0%	-2.0%	-2.0%	-2.0%	-2.0%
20		-2.6%	-2.1%		-15.0%	-2.3%	-1.6%	-2.0%	-2.5%
23		1.0%	-2.3%		-1.8%	-2.0%	-2.2%	-2.3%	-2.5%
MEDIAN		1.1%	0.0%		-1.3%	-1.0%	-0.4%	-0.6%	-0.2%
MEAN		1.0%	0.7%		-1.7%	0.3%	1.3%	-0.2%	1.3%
STD DEV		1.3%	3.2%		5.1%	3.0%	4.2%	1.7%	5.3%
HIGH		4.1%	10.8%		10.8%	9.2%	12.6%	3.3%	18.6%
LOW		-2.6%	-2.3%		-15.0%	-2.3%	-2.2%	-2.3%	-2.5%

Table 21a - Individual forecasts for 2011

Individual	GDP current dollars	GDP price index, Chain-type	Real GDP, chained dollars	Personal consumption expenditures	Business fixed investment	Residential investment	Change in private inventories	Net exports	Government consumption expenditures and gross investment
1	13.1%	5.6%	5.6%	10.4%	18.7%	2.0%	\$137.2	-\$400.0	-3.9%
2	5.5%	2.2%	4.3%	13.5%	4.9%	8.2%	\$125.0	-\$400.0	2.7%
3	5.0%	0.9%	4.1%	2.7%	20.1%	12.9%	\$47.9	-\$447.6	-0.8%
4	5.1%	1.3%	3.7%	3.7%	7.4%	23.6%	\$80.0	-\$407.6	-0.6%
5	6.1%	2.2%	3.7%	2.5%	9.1%	21.3%	\$45.0	-\$503.8	2.3%
6	2.5%	1.4%	3.7%	1.9%	11.6%	14.3%	\$60.0	-\$538.2	0.9%
7	4.0%	0.4%	3.5%	2.8%	12.7%	21.0%	\$47.4	-\$470.4	-0.6%
8	4.3%	0.9%	3.3%	2.5%	13.3%	12.2%	\$47.9	-\$583.7	-0.8%
9	4.0%	0.7%	3.3%	2.4%	13.6%	16.7%	\$50.6	-\$399.5	-1.0%
10	4.4%	1.8%	3.1%	2.6%	6.6%	10.2%	\$33.0	-\$413.0	0.4%
11	4.6%	1.4%	3.1%	2.6%	9.1%	9.2%	\$62.0	-\$570.0	1.4%
12	4.5%	1.5%	3.0%	2.5%	8.3%	-0.1%	\$153.8	-\$493.2	0.5%
13	3.0%	0.7%	3.0%	1.1%	10.7%	1.3%	\$80.0	-\$400.0	7.7%
14	3.7%	0.8%	3.0%	3.0%	7.2%	5.3%	\$60.5	-\$542.6	0.5%
15	4.0%	1.1%	2.9%	2.3%	12.7%	3.2%	\$100.0	-\$560.0	1.0%
16	3.8%	0.9%	2.9%	4.5%	4.5%	-5.5%	\$90.6	-\$668.5	1.9%
17	3.1%	2.6%	2.6%	2.6%	6.1%	0.5%			
18	4.3%	1.7%	2.5%	2.6%	4.2%	10.5%	\$90.0	-\$532.5	1.9%
19	3.6%	1.1%	2.5%	1.9%	11.2%	6.3%	\$60.0	-\$538.2	0.9%
20	3.3%	1.0%	2.3%	2.1%	8.7%	23.1%	\$24.6	-\$500.2	-0.4%
21	3.0%	1.4%	2.1%	2.5%	6.0%	10.0%	\$40.0	-\$517.2	0.2%
22	2.6%	0.7%	1.8%	2.5%	5.7%	17.9%	\$10.2	-\$469.1	-3.7%
23	4.0%	2.5%	1.5%	1.6%	3.5%	0.5%	-\$25.0	-\$225.0	-2.0%
24	3.1%	1.0%	1.3%	1.4%	7.2%	4.8%	\$135.0	-\$610.0	2.2%
25	3.4%	2.3%	1.1%	2.0%	1.4%	5.9%	\$120.5	-\$455.0	-0.5%
26	-0.3%	0.3%	-0.6%	-0.3%	-2.9%	-3.0%	\$70.0	-\$500.0	1.4%
27	1.7%	1.7%	-1.0%	0.9%	5.6%	22.2%	\$50.0	-\$595.0	1.0%
X1	4.1%			4.1%		27.5%			
X2									
X3									
MEDIAN	4.0%	1.3%	3.0%	2.5%	7.4%	9.6%	\$60.3	-\$500.1	0.5%
MEAN	4.1%	1.5%	2.7%	3.0%	8.4%	10.1%	\$69.1	-\$490.0	0.5%
STD DEV	2.1%	1.0%	1.4%	2.7%	4.8%	8.8%	\$40.9	\$89.2	2.2%
HIGH	13.1%	5.6%	5.6%	13.5%	20.1%	27.5%	\$153.8	-\$225.0	7.7%
LOW	-0.3%	0.3%	-1.0%	-0.3%	-2.9%	-5.5%	-\$25.0	-\$668.5	-3.9%

Table 21b - Individual forecasts for 2011

Individual	Industrial production	Car & light truck sales	Housing starts	Oil Price	Unemployment rate	Inflation rate (CPI)	Treasury constant maturity one-year rate	Treasury constant maturity ten-year rate	J.P. Morgan trade weighted OECD dollar
1	19.2%	11.57	0.59	\$83.00	8.5%	1.6%	0.5%	3.0%	0.0%
2	4.3%	12.60	0.63	\$85.00	8.3%	2.2%	1.5%	5.3%	-0.3%
3	3.1%	13.23	0.69	\$90.00	9.2%	1.7%	0.6%	3.1%	
4	7.0%	12.75	0.85	\$85.88	8.9%	1.5%	1.2%	2.8%	0.0%
5	5.1%	13.24	0.75	\$100.85	9.0%	1.8%	0.8%	3.3%	
6	2.5%	12.10	0.74	\$87.00	9.5%	1.5%	0.5%	2.6%	
7	4.4%	12.91	0.01	\$87.79	9.5%	0.9%		3.5%	
8	4.4%	13.20	0.69	\$105.00	9.2%	1.7%	0.6%	3.1%	0.8%
9	4.9%		0.75		9.3%	1.3%		3.3%	
10	3.4%	12.89	0.69	\$85.30	8.9%	1.4%	0.5%	3.0%	-2.0%
11	5.0%	12.75	0.70	\$84.00	9.2%	1.5%	0.8%	3.3%	
12		12.00	0.57		9.0%	1.7%	0.9%	2.8%	
13	3.2%	11.30	0.75	\$83.00	9.7%	2.2%	0.4%	3.0%	0.8%
14	5.4%	14.04	0.80	\$88.25	9.0%	1.0%		2.7%	
15	6.8%	12.68	0.62	\$84.00	9.2%	1.1%	0.4%	3.1%	
16	1.6%	13.09	0.43	\$83.03	9.3%	0.5%	0.3%	2.9%	2.0%
17		12.80	0.86	\$96.00	9.0%	1.3%	0.7%		
18	2.9%	12.30	0.65	\$95.00	9.1%	1.9%	1.2%	3.3%	-1.0%
19	2.4%	12.10	0.74	\$85.00	9.5%	1.8%	0.4%	2.6%	
20	2.6%	12.73	0.81	\$84.00	9.6%	1.4%		2.5%	-2.1%
21	4.3%	13.00	0.59	\$75.00	8.9%	2.3%	0.4%	4.0%	10.8%
22	7.3%	11.92	0.61	\$83.70	9.1%	3.0%	2.0%	3.5%	1.2%
23	4.0%	11.65	0.60	\$91.52	9.1%	2.4%	0.6%	3.1%	-2.3%
24	3.3%	12.23	0.74	\$68.00	9.8%	1.2%	0.6%	3.7%	
25	8.4%	12.20	0.59	\$85.14	9.4%	1.9%	0.4%	3.0%	2.7%
26	-7.1%	11.70	0.60	\$85.00	9.2%	1.1%	0.9%	4.0%	
27	4.7%	12.00	0.80	\$88.00	9.5%	2.0%	1.2%	3.7%	-1.6%
X1	3.4%		0.71	\$86.00	8.9%			2.9%	
X2		12.68	0.63	\$92.00	9.3%		1.1%	1.5%	
X3		12.58							
MEDIAN	4.3%	12.6	0.69	\$85.30	9.2%	1.6%	0.62%	3.07%	0.0%
MEAN	4.5%	12.5	0.66	\$86.91	9.2%	1.6%	0.77%	3.15%	0.7%
STD DEV	4.0%	0.6	0.16	\$7.02	0.3%	0.5%	0.41%	0.63%	3.2%
HIGH	19.2%	14.0	0.86	\$105.00	9.8%	3.0%	2.00%	5.25%	10.8%
LOW	-7.1%	11.3	0.01	\$68.00	8.3%	0.5%	0.30%	1.50%	-2.3%

Contributors

Joseph Barker	IHS Global Insight - Automotive
Rick Brown	Saturn Electronics & Engineering
Yen Chen	Center for Automotive Research
Charles Chesbrough	IHS Global Insight - Automotive
Craig Cummins	Illinois Blower, Inc.
Virgil DeLay	Diemasters Manufacturing Corp.
George Erickcek	W.E. Upjohn Institute
George Fulton/Joan Crary	University of Michigan - RSQE
Steve Graham	FTR Associates
Tom Guthrie	FM Fincorp
Jessica Hoversen/Nick Kalivas	MF Global
Steven Kase	ASK Products, Inc.
Paul Kasriel	Northern Trust
David Kerr	Mitsui Rail Capital, LLC
Jack Kleinhenz	Kleinhenz & Associates
Robert J. Kolbe	RJK Enterprises
David W. Maaske	Align FSC
Ken Mayland	ClearView Economics, LLC
Emily Kolinski-Morris	Ford Motor Company
Harry Moser	Agie Charmilles
Bernard J. Paniak	BJP Economics
John Silvia	Wells Fargo
Laura Spingola	Trade Resources Ltd.
Diane Swonk/Adolfo Laurenti	Mesirow Financial
Todd Tomalak	Kohler Co.
Evert Van Der Heide	Calvin College
Chris Varvares	Macroeconomic Advisers
Kenny Vieth	ACT Research Co., LLC
John Baker Welch	Rothschild
John Wozniak	J. Lawrence/Smykal Homes
Dennis Yaccarino	City of Milwaukee
Glenn Zetek	Komatsu American Corporation
Xinghua Zollinger	Intel