

## DATABook-Houston

## February 2011

keeping you in touch with regional economic developments

a monthly data service from:

University of Houston Hobby Center for Public Policy Institute for Regional Forecasting

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#### **DATABook-Houston**

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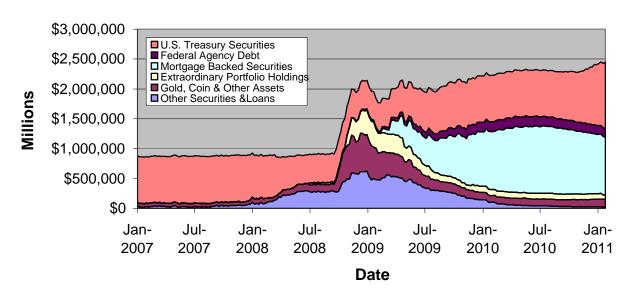
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## **DATABook-Houston Highlights**

Two new pages having particular relevance since the beginning of the most recent recession are being added to the *DATABook-Houston* in February's issue.

#### ASSETS HELD BY ALL FEDERAL RESERVE BANKS



The above chart shows the changes in assets held by the Federal Reserve, which predominantly were U.S. Treasury securities prior to December 2007. At the beginning of the recession, the Fed began introducing new liquidity facilities, as indicated by the pink, dark purple and light blue areas on the chart. To remove the newly created reserves, between December 2007 and September 2008 the Fed "sterilized" the facilities by selling U.S. Treasury securities from its portfolio. See the dip in the light purple area.

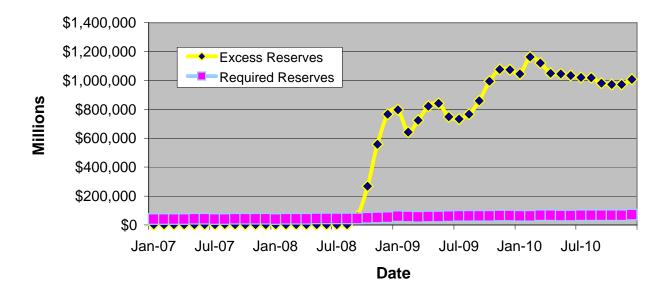
In the wake of the collapse of Lehman Brothers, the Fed began increasing its positions in liquidity facilities, but the size of the new programs eventually grew larger than the Fed's holding of treasuries. This effectively prevented sterilization through open market operations. As the size of the liquidity facilities continued to expand, the Fed issued new securities through its Supplementary Financing program that partially removed reserves from the banking system.

However, the Fed began significantly larger-scale purchases of assets in November 2008 and then began purchasing mortgage-backed securities and longer term Treasury debt in early 2009. At some point, the Fed will have to start liquidating all these assets, a process that may take up to five years, according to the president of the St. Louis Fed, James Bullard.

As can be seen in the chart on the following page, the most apparent result of purchasing those assets with hardly any sterilization was an unprecedented massive increase in excess reserves at depository institutions.

Prior to December 2007, excess reserves generally fluctuated around 4% above required reserves. By January 2009, excess reserves had increased from \$1.88 billion in August 2008 to almost \$900.00 billion. By February 2010 excess reserves peaked at over \$1.16 trillion, but has since moderated at around \$1.00 trillion.

#### **EXCESS & REQUIRED RESERVES BY DEPOSITORY INSTITUTIONS**



Note that changes in excess reserves almost are a mirror image of the increases in Fed purchases and are a liability to the Fed.

With such a large quantity of excess reserves and the money supply aggregate M2 growing at only 2.3% for all of 2010, it seems the traditional money multiplier is broken. In more "normal" times banks would not hoard such reserve balances, but would be making loans to its customers and accelerating the money supply.

One reason banks are not lending is that they are being paid interest on excess reserves (IOER), currently at a rate of 0.25%. Some economists claim that the IOER is in effect a subsidy for not lending. Some call for the rate being cut to zero, while others have suggested that the Fed charge a penalty rate on excess reserves as Sweden's Riksbank does.

Another reason banks are reluctant to part with their excess reserves is the historically low level of interest rates they feel they can charge. While big corporations with quality credit typically are not seeking bank loans, given the political climate banks are uneasy charging what the market interest rate would be based on the underlying credit of small or mid-sized companies. With a much improved economy, interest rates gradually will increase and the quality of the credit for the latter firms will increase, making such loans more feasible.

It is our intent to include these two new charts in the DATABook-Houston as long as the Fed holds onto the unprecedented amounts of federal agency debt securities, mortgage-backed securities and other extraordinary assets, as well as the significant amount of excess reserves in the federal reserve system. Banks will start lending again, but not likely during 2011, and the level of excess reserves could prove to be inflationary in the long run.

It will be interesting to watch how the Fed attempts to unwind this abnormal bundle of assets and how the banking system will deplete its excess reserves. The Fed says it will act to make a smooth transition to normalcy without ramping up inflation or impeding employment growth. There is fear that the Fed's unwinding too rapidly could significantly affect the capital markets, increase overall interest rates and crowd-out private investment.

How long it will take to return the statistics in the two charts to levels they where at prior to the most current recession is at least five years. The U.S. economy will not return to a relative degree of normalcy until the level and composition of the Fed's assets, as well as the excess reserves at depository institutions, fall to where they were prior to the recession.

Editor's Note: In analyzing economic events, time series are only useful if the characteristics of the data remain relatively consistent over the range of observations. However, over the last 50 years the U.S. economy has changed considerably. The governmental agencies charged with the task of collecting and tabulating economic information sometimes have goals that result in changing the characteristics of the data. When that happens, economists may have to expend considerable time and effort in recalibrating their time series to be able to "splice" them to be compatible and somewhat consistent with the changes in the data.

Following is a concise discussion of (1) how these changes have affected our series for pages 1 thru 41, and (2) the unique characteristics of certain of our series:

#### **Statistical Area Designations**

After each decennial census, the Census Bureau is charged with the task of delineating market areas for metropolitan regions. In the decade prior to 1982 these were called Standard Metropolitan Statistical Areas (SMSA). An important consideration in establishing a statistical area is the driving patterns to and from work for the residents of the counties in and around a central business district. Houston's SMSA consisted of Ft. Bend, Harris, Liberty, Montgomery and Waller counties.

In 1982, the SMSAs were phased out and replaced by Primary Metropolitan Statistical Areas (PMSA). For Houston that meant adding Chambers County. To be consistent with statistics for the PMSA, data for Chambers County had to be added to the SMSA series.

By the early 1980s, the Census Bureau was becoming more cognizant of the important relationships between neighboring central business districts. While still retaining the PMSAs, in the mid-1980s the Census Bureau aggregated two or more PMSAs into Consolidated Metropolitan Statistical Areas. Houston's CMSA consisted of its PMSA plus Brazoria and Galveston counties.

#### **Industrial Classifications**

The Standard Industrial Classification (SIC) system was established in the 1930s to aggregate establishments by their economic activities. This was done to facilitate the collection, tabulation and analysis of data relating to the establishments and to promote uniformity and comparability in statistical analysis of the economy's industries.

The SIC system remained in effect for almost 70 years. While the characteristics of the industry data changed marginally over that time, it was relatively easy and inexpensive to recalibrate existing time series to be consistent with any of those changes.

#### **Editor's Note (continued):**

#### **The Double Whammy**

Everything changed considerably in 2003. Not only did the Census Bureau establish new Metropolitan Statistical Areas (MSAs) but the SIC was replaced by the North American Industrial Classification System (NAICS). For Houston's new MSA, Austin and San Jacinto counties were added to the CMSA. By itself, accounting for the two counties would not have been a big problem. However, the NAICS was a "fresh slate" conversion that fundamentally changed the characteristics of industrial data.

The main reasons for the conversion to NAICS was the failure of the SIC system to reflect the enormous changes in technology and the growth in diversification of services. The NAICS principal of aggregation is that establishments with similar production functions should be grouped together.

Like most other economists or anyone that maintains economic time series, the problem that we've had with NAICS is that there is no distinct bridging between NAICS and SIC data. This has especially affected our labor market time series. For MSAs, the Bureau of Labor Statistics does provide NAICS data back to 1990 for all the major employment sectors and subsectors. However, the industries that comprise each of the sectors are fundamentally different than what they were in the SIC system. This has rendered it terribly difficult, if not impossible, to recalibrate a sector's data prior to 1990.

Even governmental agencies have found the conversion to be both difficult and expensive. It took the Bureau of Economic Analysis (BLS) over two years to convert all of its economic time series to the NAICS.

#### **IRF Series Characteristics**

In viewing pages 1 thru 41 the first thing that should be noted is the statistical area designation. Several of the non-labor series still are based on the PMSA, since the six county core is the engine that drives the Houston economy. The forecasts made based on the PMSA series can be applied to the entire current MSA.

The labor market series on pages 1 thru 20 are based on BLS data for the MSA. However, based on the Census Bureau's County Business Patterns for Austin and San Jacinto counties and in order to be consistent with CMSA data that we've maintained back to the 1970s, we have adjusted the MSA data by decreasing the total number of jobs and the jobs in each sector that were estimated as being in those two counties.

Finally, for pages 2 thru 9, the conversion to NAICS made it particularly difficult to recalibrate these series prior to 1990. A considerable amount of time and effort were and, currently, are being expended in messaging the data to make it consistent and comparable with the NAICS data.

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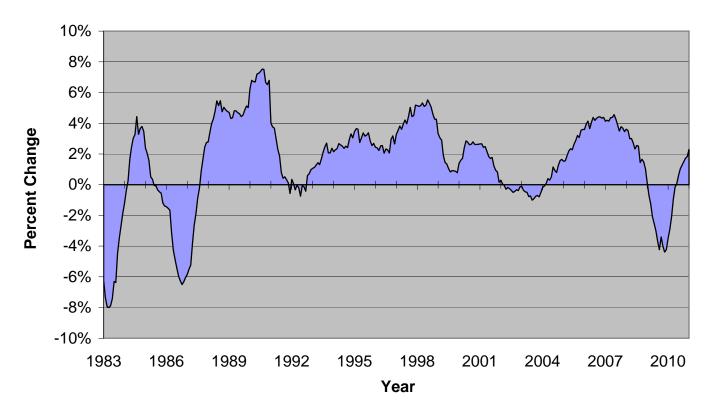
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#### **Data Glossary/Dictionary**

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## Total Nonagricultural Wage and Salary Employment Houston-Sugar Land-Baytown MSA February 2011

	Annual Average	Percent		Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
1999	2,191.4	1.6%	2010-01	2,463.5	-3.5%
2000	2,243.6	2.4%	2010-02	2,478.2	-2.9%
2001	2,282.4	1.7%	2010-03	2,495.8	-2.1%
2002	2,277.4	-0.2%	2010-04	2,509.4	-1.0%
2003	2,262.9	-0.6%	2010-05	2,529.5	-0.2%
2004	2,278.7	0.7%	2010-06	2,530.6	0.1%
2005	2,337.2	2.6%	2010-07	2,513.8	0.6%
2006	2,434.3	4.2%	2010-08	2,517.7	1.0%
2007	2,544.1	4.5%	2010-09	2,527.2	1.3%
2008	2,592.8	1.9%	2010-10	2,536.6	1.5%
2009	2,520.6	-2.8%	2010-11	2,545.9	1.7%
2010	2,516.9	-0.1%	2010-12	2,554.7	1.8%
* Change from s	same period of previo	us year.	2011-01	2,519.8	2.3%



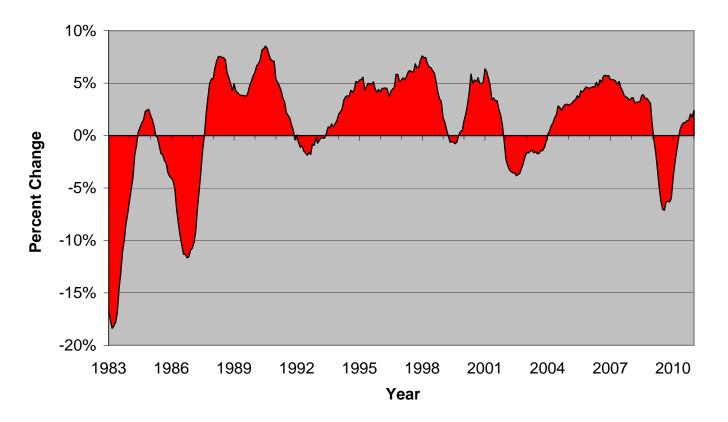
Source: U.S. Bureau of Labor Statistics/Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

#### Economic Base Employment Houston-Sugar Land-Baytown MSA February 2011

	Annual	ъ .			5 .
Year	Average (Thousands)	Percent Change	Month	Employment (Thousands)	Percent Change*
2000	606.1	4.4%	2010-02	685.6	-2.7%
2001	626.8	3.4%	2010-03	687.2	-1.5%
2002	607.1	-3.2%	2010-04	685.0	-0.4%
2003	598.2	-1.5%	2010-05	683.8	0.6%
2004	609.7	1.9%	2010-06	682.1	1.0%
2005	632.6	3.8%	2010-07	682.1	1.2%
2006	665.0	5.1%	2010-08	682.9	1.2%
2007	695.1	4.5%	2010-09	688.1	1.4%
2008	718.9	3.4%	2010-10	691.8	1.5%
2009	686.1	-4.6%	2010-11	696.6	2.1%
2010	687.1	0.1%	2010-12	698.6	1.8%
* Change from sa	ame period of previou	ıs year	2011-01	697.7	2.4%



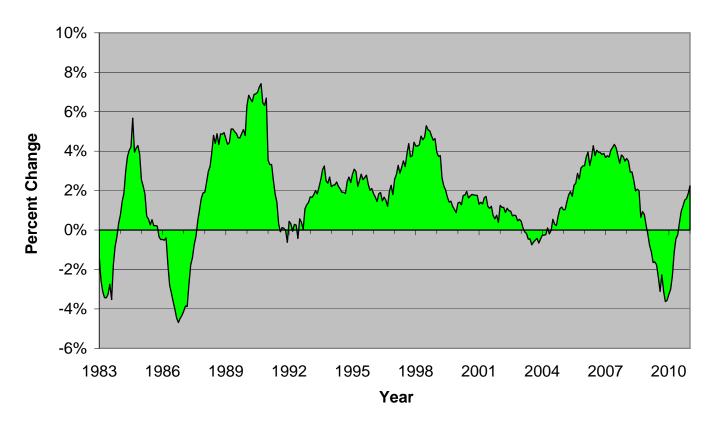
Source: Institute for Regional Forecasting

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To download the data for this chart, click here.

#### Secondary Sector Employment Houston-Sugar Land-Baytown MSA February 2011

	Annual Average	Percent		Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
2000	1,637.5	1.7%	2010-02	1,792.6	-3.0%
2001	1,655.6	1.1%	2010-03	1,808.6	-2.3%
2002	1,670.3	0.9%	2010-04	1,824.4	-1.1%
2003	1,664.7	-0.3%	2010-05	1,845.7	-0.4%
2004	1,669.1	0.3%	2010-06	1,848.5	-0.2%
2005	1,704.5	2.1%	2010-07	1,831.7	0.4%
2006	1,769.3	3.8%	2010-08	1,834.8	0.9%
2007	1,837.2	3.8%	2010-09	1,839.1	1.2%
2008	1,873.9	2.0%	2010-10	1,844.8	1.5%
2009	1,834.5	-2.1%	2010-11	1,849.3	1.6%
2010	1,829.8	-0.3%	2010-12	1,856.1	1.9%
* Change from s	ame period of previou	ıs year	2011-01	1,822.1	2.2%



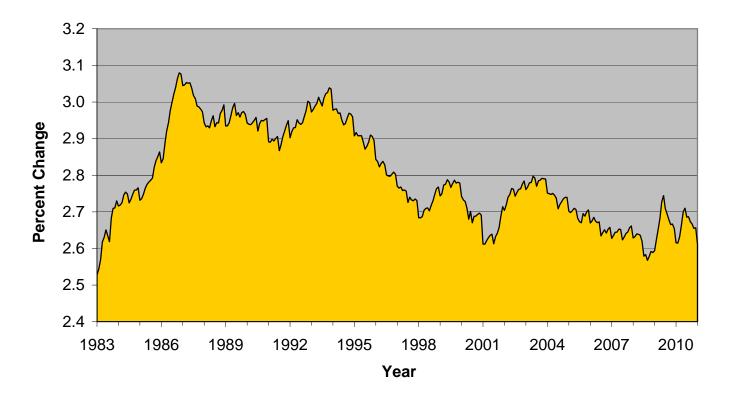
Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

#### Ratio Secondary To Base Employment Houston-Sugar Land-Baytown MSA February 2011

Year	Average Ratio	Percent Change	Month	Ratio	Percent Change*
1998	2.72	-1.1%	2009-12	2.65	2.4%
1999	2.77	2.1%	2010-01	2.62	-0.3%
2000	2.70	-2.6%	2010-02	2.61	-1.4%
2001	2.64	-2.2%	2010-03	2.63	-1.9%
2002	2.75	4.2%	2010-04	2.66	-2.3%
2003	2.78	1.1%	2010-05	2.70	-1.6%
2004	2.74	-1.6%	2010-06	2.71	0.1%
2005	2.69	-1.6%	2010-07	2.69	-0.3%
2006	2.66	-1.1%	2010-08	2.69	0.3%
2007	2.64	-0.7%	2010-09	2.67	0.3%
2008	2.61	-1.4%	2010-10	2.67	0.0%
2009	2.66	2.0%	2010-11	2.65	0.0%
2010	2.66	0.2%	2010-12	2.66	1.6%
* Change from sar	me period of previo	ous year	2011-01	2.61	-0.1%

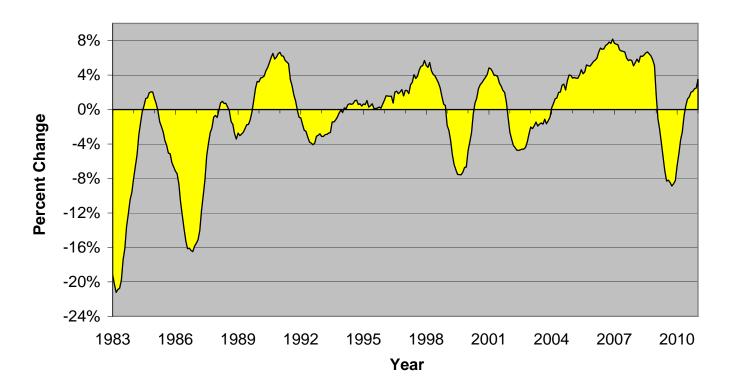


Source: Institute for Regional Forecasting

For more information about this series click here. To download the data for this chart, click here.

#### Energy Dependent Base Employment Houston-Sugar Land-Baytown MSA February 2011

	Annual				
	Average	Percent		<b>Employment</b>	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
1998	306.9	3.3%	2009-12	342.1	-8.2%
1999	289.1	-5.8%	2010-01	335.8	-6.5%
2000	291.3	0.8%	2010-02	333.7	-5.2%
2001	299.9	3.0%	2010-03	335.8	-3.6%
2002	287.7	-4.1%	2010-04	336.2	-2.6%
2003	283.1	-1.6%	2010-05	339.8	-0.7%
2004	289.4	2.2%	2010-06	342.4	0.5%
2005	302.0	4.4%	2010-07	342.8	1.2%
2006	323.2	7.0%	2010-08	344.8	1.5%
2007	344.2	6.5%	2010-09	344.8	2.0%
2008	364.9	6.0%	2010-10	345.5	2.1%
2009	343.7	-5.8%	2010-11	348.2	2.4%
2010	341.7	-0.6%	2010-12	350.7	2.5%
* Change from sa	ame period of previou	ıs year	2011-01	347.5	3.5%

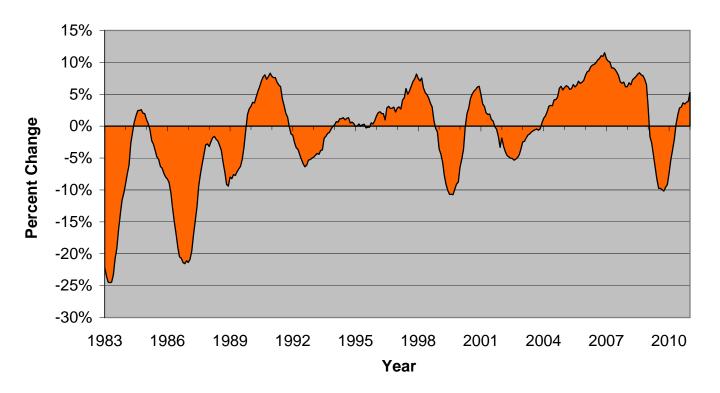


Source: Institute for Regional Forecasting

For more information about this series click here. To download the data for this chart, click here.

#### Energy Dependent - Upstream Employment Houston-Sugar Land-Baytown MSA February 2011

	Annual Average	Percent		Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
1999	178.0	-8.4%	2010-01	231.5	-7.3%
2000	181.1	1.8%	2010-02	229.1	-5.3%
2001	189.7	4.8%	2010-03	231.3	-3.7%
2002	181.5	-4.3%	2010-04	232.4	-2.1%
2003	179.6	-1.0%	2010-05	235.8	0.3%
2004	186.4	3.8%	2010-06	238.1	1.8%
2005	198.4	6.4%	2010-07	238.4	2.9%
2006	217.9	9.8%	2010-08	240.4	3.0%
2007	236.2	8.4%	2010-09	240.5	3.7%
2008	253.6	7.4%	2010-10	241.1	3.5%
2009	236.6	-6.7%	2010-11	243.8	3.7%
2010	237.3	0.3%	2010-12	245.3	3.9%
* Change from sa	ame period of previou	ıs year	2011-01	243.8	5.3%



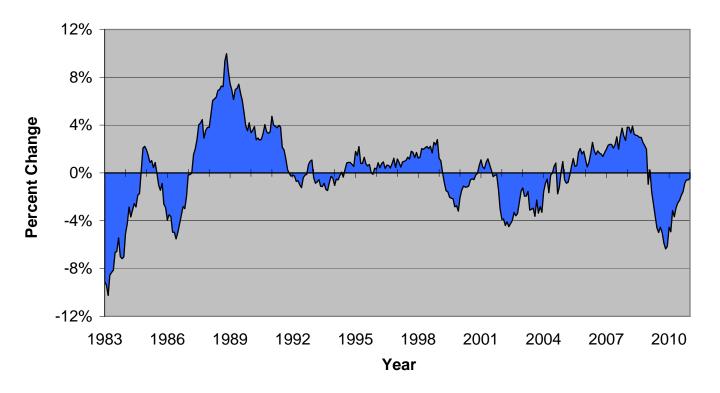
Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

#### Energy Dependent - Downstream Employment Houston-Sugar Land-Baytown MSA February 2011

	Annual Average	Percent		Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
1999	111.1	-1.4%	2010-01	104.2	-4.5%
2000	110.3	-0.8%	2010-02	104.6	-4.9%
2001	110.2	0.0%	2010-03	104.6	-3.2%
2002	106.3	-3.6%	2010-04	103.9	-3.7%
2003	103.5	-2.6%	2010-05	104.0	-2.9%
2004	103.0	-0.4%	2010-06	104.3	-2.5%
2005	103.7	0.6%	2010-07	104.4	-2.3%
2006	105.3	1.5%	2010-08	104.4	-1.9%
2007	108.0	2.6%	2010-09	104.4	-1.6%
2008	111.3	3.1%	2010-10	104.4	-0.9%
2009	107.1	-3.8%	2010-11	104.4	-0.6%
2010	104.4	-2.5%	2010-12	105.4	-0.6%
* Change from sa	ame period of previou	ıs year	2011-01	103.8	-0.4%



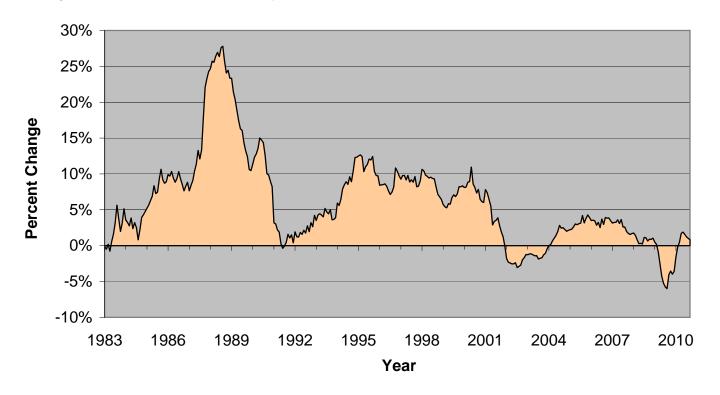
Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

#### Energy Independent Base Employment Houston-Sugar Land-Baytown MSA February 2011

	Annual	Percent		Employment	Porcont
Year	Average (Thousands)	Change	Month	Employment (Thousands)	Percent Change*
1999	291.7	6.7%	2010-01	345.6	-1.6%
2000	314.8	7.9%	2010-02	351.9	-0.2%
2001	326.9	3.8%	2010-03	351.4	0.5%
2002	319.4	-2.3%	2010-04	348.7	1.7%
2003	315.2	-1.3%	2010-05	344.0	1.9%
2004	320.3	1.6%	2010-06	339.7	1.6%
2005	330.6	3.2%	2010-07	339.3	1.2%
2006	341.8	3.4%	2010-08	338.2	1.0%
2007	350.9	2.7%	2010-09	343.2	0.8%
2008	354.0	0.9%	2010-10	346.3	0.8%
2009	342.4	-3.3%	2010-11	348.4	1.7%
2010	345.3	0.8%	2010-12	347.9	1.1%
* Change from s	ame period of previou	ıs year	2011-01	350.2	1.3%

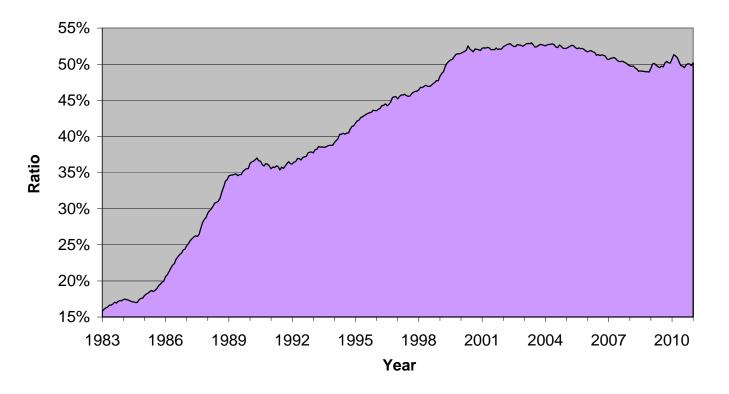


Source: Institute for Regional Forecasting

For more information about this series click here. To download the data for this chart, click here.

# Economic Diversification Percent Of Nonenergy Base To Base Employment February 2011

Year	Annual Average	Percent Change	Month	Ratio	Percent Change*
1999	50.2%	6.6%	01-2010	50.7%	2.6%
2000	51.9%	3.4%	02-2010	51.3%	2.6%
2001	52.2%	0.4%	03-2010	51.1%	2.0%
2002	52.6%	0.9%	04-2010	50.9%	2.2%
2003	52.7%	0.1%	05-2010	50.3%	1.3%
2004	52.5%	-0.3%	06-2010	49.8%	0.6%
2005	52.3%	-0.5%	07-2010	49.7%	0.0%
2006	51.4%	-1.7%	08-2010	49.5%	-0.2%
2007	50.5%	-1.8%	09-2010	49.9%	-0.6%
2008	49.2%	-2.5%	10-2010	50.1%	-0.6%
2009	49.9%	1.3%	11-2010	50.0%	-0.3%
2010	50.3%	0.7%	12-2010	49.8%	-0.7%
* Change from sar	me period of previo	ous year	01-2011	50.2%	-1.0%



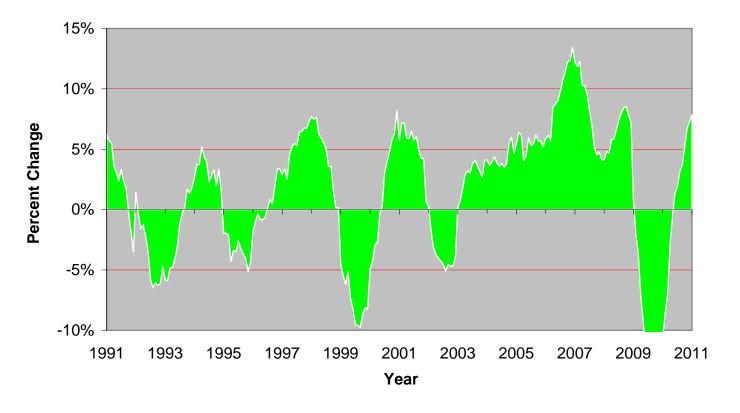
Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

#### Natural Resources and Mining Houston-Sugar Land-Baytown MSA February 2011

	Annual Average	Percent		Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
2000	62.0	1.4%	2010-02	77.8	-8.6%
2001	65.3	5.3%	2010-03	78.0	-7.0%
2002	62.9	-3.7%	2010-04	78.9	-2.9%
2003	64.6	2.8%	2010-05	79.7	-0.6%
2004	67.4	4.2%	2010-06	81.0	1.4%
2005	71.1	5.5%	2010-07	81.5	1.9%
2006	77.9	9.5%	2010-08	81.9	3.1%
2007	84.2	8.2%	2010-09	81.5	3.7%
2008	89.8	6.6%	2010-10	82.1	5.2%
2009	80.7	-10.1%	2010-11	82.6	6.7%
2010	80.5	-0.2%	2010-12	83.4	7.3%
* Change from sa	ame period of previou	ıs year	2011-01	83.5	7.9%

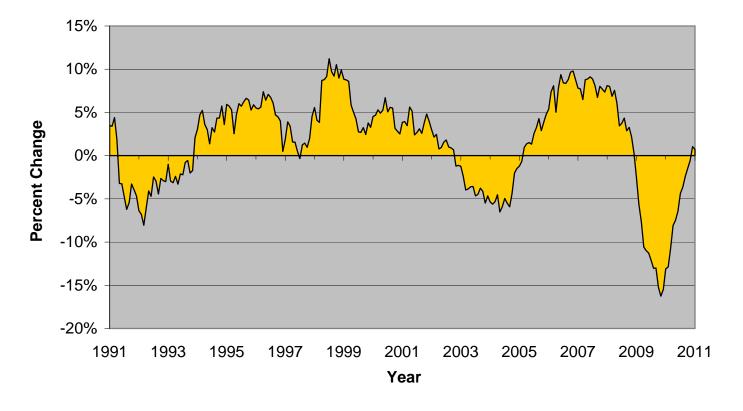


Source: U.S. Bureau of Labor Statistics

For more information about this series click here. To download the data for this chart, click here.

# Construction Houston-Sugar Land-Baytown MSA February 2011

Year	Annual Average (Thousands)	Percent Change	Month	Employment (Thousands)	Percent Change*
2000	171.1	4.7%	2010-02	168.7	-12.9%
2001	177.5	3.8%	2010-03	169.6	-10.7%
2002	179.4	1.1%	2010-04	169.8	-8.1%
2003	172.6	-3.8%	2010-05	170.4	-7.5%
2004	164.3	-4.8%	2010-06	170.6	-6.4%
2005	167.7	2.1%	2010-07	171.3	-4.4%
2006	181.2	8.1%	2010-08	171.8	-3.6%
2007	195.6	8.0%	2010-09	171.9	-2.4%
2008	204.8	4.7%	2010-10	173.2	-1.5%
2009	181.9	-11.2%	2010-11	171.5	-0.6%
2010	170.9	-6.0%	2010-12	172.5	1.0%
* Change from sa	ame period of previou	ıs year	2011-01	170.7	0.7%



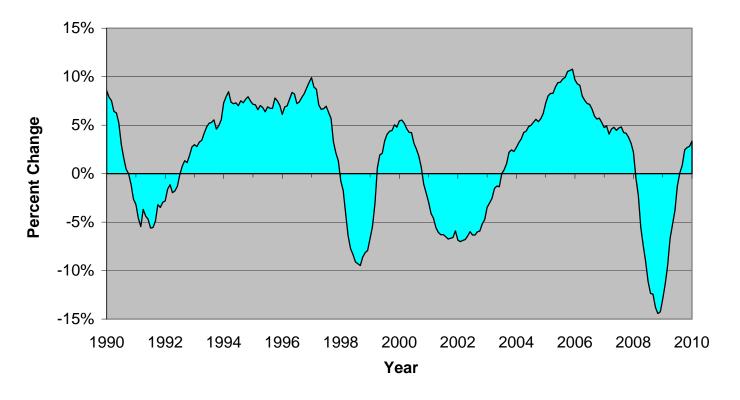
Source: U.S. Bureau of Labor Statistics

For more information about this series click here.

To download the data for this chart, click here.

#### Durable Goods Manufacturing Houston-Sugar Land-Baytown MSA February 2011

	Annual Average	Percent		Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
2000	135.5	1.2%	2010-02	136.3	-11.4%
2001	139.3	2.8%	2010-03	136.7	-9.5%
2002	131.4	-5.7%	2010-04	136.8	-6.7%
2003	123.3	-6.2%	2010-05	137.3	-5.3%
2004	122.7	-0.4%	2010-06	138.1	-3.8%
2005	128.5	4.7%	2010-07	139.3	-1.3%
2006	140.4	9.3%	2010-08	139.8	0.1%
2007	150.6	7.2%	2010-09	140.0	0.9%
2008	157.1	4.4%	2010-10	140.3	2.5%
2009	143.8	-8.5%	2010-11	139.9	2.7%
2010	138.4	-3.7%	2010-12	140.3	2.8%
* Change from sa	ame period of previou	ıs year	2011-01	140.6	3.3%

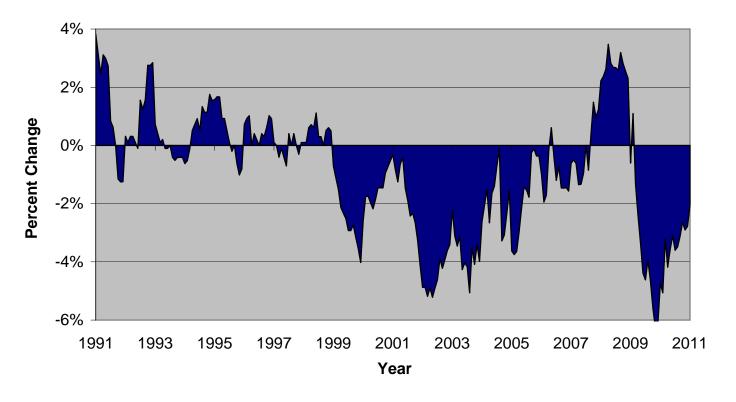


Source: U.S. Bureau of Labor Statistics

For more information about this series click here. To download the data for this chart, click here.

#### Non-Durable Goods Manufacturing Houston-Sugar Land-Baytown MSA February 2011

	Annual Average	Percent		Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
2000	93.9	-1.6%	2010-02	77.9	-5.1%
2001	92.2	-1.8%	2010-03	77.8	-3.2%
2002	88.1	-4.5%	2010-04	77.2	-4.2%
2003	84.8	-3.7%	2010-05	77.3	-3.6%
2004	83.2	-1.9%	2010-06	77.4	-3.1%
2005	81.6	-1.9%	2010-07	76.9	-3.6%
2006	80.8	-1.0%	2010-08	76.8	-3.5%
2007	80.6	-0.2%	2010-09	76.9	-3.1%
2008	82.8	2.7%	2010-10	76.6	-2.6%
2009	79.9	-3.5%	2010-11	76.2	-2.9%
2010	77.1	-3.5%	2010-12	76.3	-2.8%
* Change from sa	ame period of previou	ıs year	2011-01	76.1	-2.0%

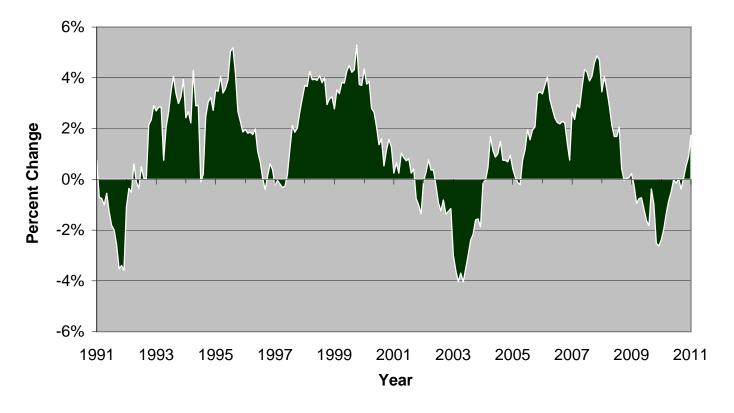


Source: U.S. Bureau of Labor Statistics

For more information about this series click here. To download the data for this chart, click here.

# Retail Trade Houston-Sugar Land-Baytown MSA February 2011

Year	Annual Average (Thousands)	Percent Change	Month	Employment (Thousands)	Percent Change*
2000	247.0	2.2%	02-2010	254.9	-2.0%
2001	247.4	0.2%	03-2010	257.0	-1.3%
2002	246.3	-0.5%	04-2010	257.4	-0.8%
2003	239.2	-2.9%	05-2010	258.7	-0.5%
2004	241.2	0.8%	06-2010	260.7	0.0%
2005	244.5	1.4%	07-2010	259.6	-0.2%
2006	250.7	2.5%	08-2010	261.9	0.0%
2007	260.1	3.8%	09-2010	259.2	-0.4%
2008	264.8	1.8%	10-2010	260.1	0.0%
2009	261.8	-1.1%	11-2010	266.8	0.5%
2010	260.5	-0.5%	12-2010	272.1	0.9%
* Change from sa	ame period of previou	ıs year	01-2011	261.7	1.7%

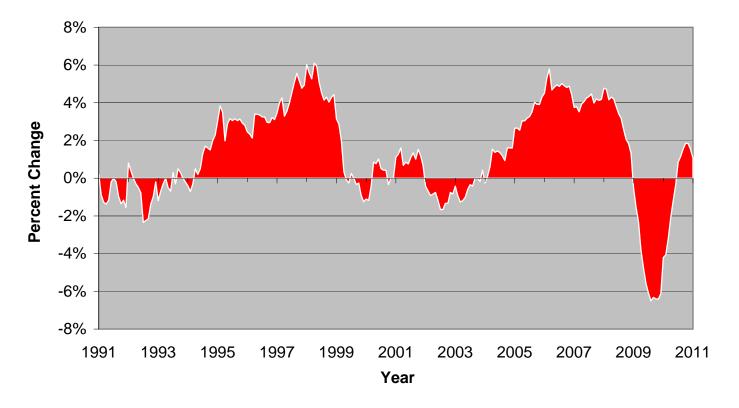


Source: U.S. Bureau of Labor Statistics

For more information about this series click here. To download the data for this chart, click here.

# Wholesale Trade Houston-Sugar Land-Baytown MSA February 2011

Year	Annual Average (Thousands)	Percent Change	Month	Employment (Thousands)	Percent Change*
2000	117.7	0.1%	02-2010	129.4	-4.1%
2001	119.0	1.1%	03-2010	129.8	-3.2%
2002	117.8	-1.0%	04-2010	129.6	-2.1%
2003	117.2	-0.5%	05-2010	130.2	-1.2%
2004	118.5	1.1%	06-2010	131.1	-0.4%
2005	122.5	3.3%	07-2010	131.6	0.8%
2006	128.5	4.9%	08-2010	131.8	1.1%
2007	133.7	4.1%	09-2010	131.9	1.5%
2008	138.1	3.3%	10-2010	132.0	1.8%
2009	131.6	-4.7%	11-2010	131.9	1.8%
2010	130.9	-0.6%	12-2010	131.9	1.5%
* Change from sa	ame period of previou	ıs year	01-2011	130.7	1.1%

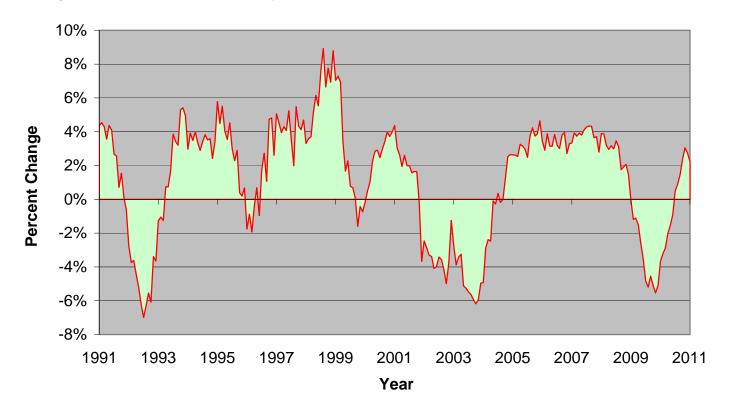


Source: U.S. Bureau of Labor Statistics

For more information about this series click here. To download the data for this chart, click here.

#### Transportation, Warehousing and Utilities Houston-Sugar Land-Baytown MSA February 2011

Year	Annual Average (Thousands)	Percent Change	Month	Employment (Thousands)	Percent Change*
2000	120.1	2.5%	2010-02	120.3	-3.2%
2001	122.0	1.6%	2010-03	120.7	-2.9%
2002	117.8	-3.4%	2010-04	121.0	-2.0%
2003	112.1	-4.8%	2010-05	121.1	-1.5%
2004	111.5	-0.6%	2010-06	121.8	-0.9%
2005	115.2	3.3%	2010-07	122.6	0.5%
2006	119.1	3.4%	2010-08	123.0	0.9%
2007	123.6	3.8%	2010-09	123.2	1.5%
2008	127.1	2.8%	2010-10	123.8	2.4%
2009	122.8	-3.4%	2010-11	124.5	3.1%
2010	122.5	-0.3%	2010-12	127.3	2.7%
* Change from sa	ame period of previou	ıs year	2011-01	123.1	2.2%



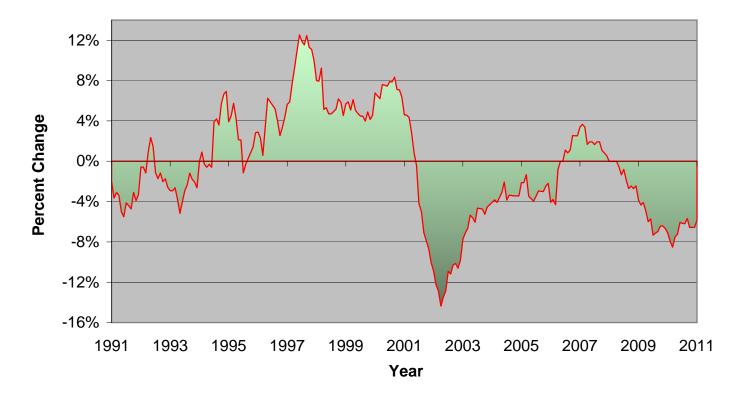
Source: U.S. Bureau of Labor Statistics

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# Information Houston-Sugar Land-Baytown MSA February 2011

W	Annual Average	Percent	NA - with	Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
2000	47.3	7.2%	2010-02	32.3	-8.0%
2001	46.2	-2.3%	2010-03	32.1	-8.5%
2002	40.8	-11.7%	2010-04	32.0	-7.5%
2003	38.5	-5.6%	2010-05	31.9	-7.2%
2004	37.2	-3.5%	2010-06	32.4	-6.1%
2005	36.1	-2.8%	2010-07	31.9	-6.2%
2006	36.0	-0.2%	2010-08	31.7	-6.2%
2007	36.8	2.0%	2010-09	31.4	-5.7%
2008	36.3	-1.2%	2010-10	31.2	-6.6%
2009	34.2	-5.1%	2010-11	31.2	-6.6%
2010	31.8	-5.4%	2010-12	31.2	-6.6%
* Change from s	ame period of previou	ıs year	2011-01	30.7	-5.8%



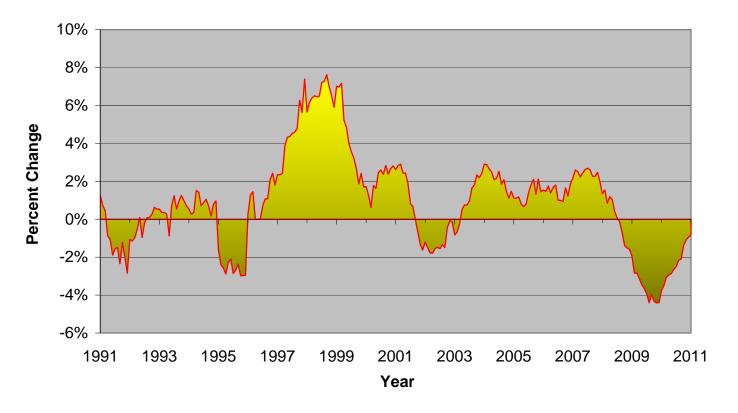
Source: U.S. Bureau of Labor Statistics

For more information about this series click here.

To download the data for this chart, click here.

# Financial Activities - (Finance & Insurance, Real Estate, Rental & Leasing) Houston-Sugar Land-Baytown MSA February 2011

Year	Annual Average (Thousands)	Percent Change	Month	Employment (Thousands)	Percent Change*
2000	132.3	2.1%	02-2010	134.9	-3.5%
2001	133.7	1.1%	03-2010	135.2	-3.1%
2002	132.1	-1.2%	04-2010	134.8	-2.9%
2003	133.3	1.0%	05-2010	135.0	-2.9%
2004	136.2	2.1%	06-2010	135.6	-2.6%
2005	138.0	1.3%	07-2010	135.3	-2.5%
2006	140.0	1.4%	08-2010	135.3	-2.2%
2007	143.3	2.4%	09-2010	134.6	-2.1%
2008	143.5	0.1%	10-2010	134.3	-1.4%
2009	138.3	-3.6%	11-2010	134.5	-1.1%
2010	134.9	-2.4%	12-2010	134.8	-1.0%
* Change from sa	ame period of previou	ıs year	01-2011	133.5	-0.8%



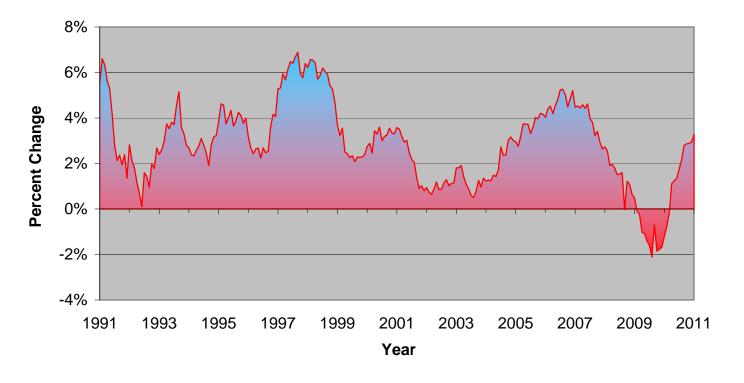
Source: U.S. Bureau of Labor Statistics

For more information about this series click here.

To download the data for this chart, click here.

## Services Houston-Sugar Land-Baytown MSA February 2011

	Annual Average	Percent		Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
2000	810.1	3.2%	2010-02	967.2	-0.8%
2001	828.2	2.2%	2010-03	978.3	-0.2%
2002	836.4	1.0%	2010-04	988.6	1.1%
2003	846.3	1.2%	2010-05	995.9	1.2%
2004	864.0	2.1%	2010-06	1,003.0	1.3%
2005	895.3	3.6%	2010-07	1,001.0	1.7%
2006	937.5	4.7%	2010-08	1,003.9	2.2%
2007	974.2	3.9%	2010-09	1,002.3	2.8%
2008	989.1	1.5%	2010-10	1,000.3	2.9%
2009	978.3	-1.1%	2010-11	1,002.1	2.9%
2010	992.0	1.4%	2010-12	1,002.9	2.9%
* Change from sa	ame period of previou	ıs year	2011-01	990.4	3.3%

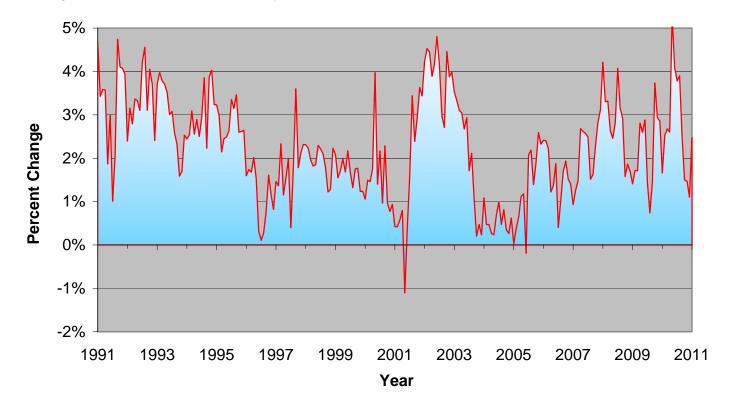


Source: U.S. Bureau of Labor Statistics

For more information about this series click here.
To download the data for this chart, click here.
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## Government Houston-Sugar Land-Baytown MSA February 2011

	Annual Average	Percent		Employment	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
2000	307.0	1.6%	2010-02	378.5	2.5%
2001	311.8	1.6%	2010-03	380.7	2.7%
2002	324.3	4.0%	2010-04	383.4	2.6%
2003	330.8	2.0%	2010-05	392.2	5.3%
2004	332.7	0.6%	2010-06	379.1	4.1%
2005	337.0	1.3%	2010-07	363.1	3.8%
2006	342.5	1.6%	2010-08	360.0	3.9%
2007	349.7	2.1%	2010-09	374.4	2.5%
2008	359.6	2.8%	2010-10	382.8	1.5%
2009	367.5	2.2%	2010-11	384.8	1.5%
2010	377.6	2.7%	2010-12	382.2	1.1%
* Change from s	ame period of previou	ıs year	2011-01	378.9	2.5%



Source: U.S. Bureau of Labor Statistics

For more information about this series click here. To download the data for this chart, click here.

# Total Nonagricultural Wage and Salary Employment Seasonally Adjusted Houston-Sugar Land-Baytown MSA February 2011

Year	Annual Average (Thousands)	Percent Change	Month	Employment (Thousands)	Percent Change*
2000	2,243.5	2.4%	02-2010	2,504.2	-0.5%
2001	2,282.4	1.7%	03-2010	2,512.6	0.5%
2002	2,277.4	-0.2%	04-2010	2,525.9	1.5%
2003	2,262.9	-0.6%	05-2010	2,536.5	3.2%
2004	2,278.7	0.7%	06-2010	2,533.5	3.1%
2005	2,337.1	2.6%	07-2010	2,534.7	2.6%
2006	2,447.3	4.7%	08-2010	2,535.8	2.5%
2007	2,547.6	4.1%	09-2010	2,538.4	2.1%
2008	2,601.4	2.1%	10-2010	2,540.6	1.2%
2009	2,533.0	-2.6%	11-2010	2,539.5	0.2%
2010	2,528.8	-0.2%	12-2010	2,541.3	0.6%
* Annualized char	nge-current period ov	er last 6 months	01-2011	2,554.1	1.5%

<sup>2,600</sup> Total Employment (Thousands) 2,400 2,200 2,000 1,800 1,600 1,400 1984 1987 1990 1993 1996 1999 2002 2005 2008 Year

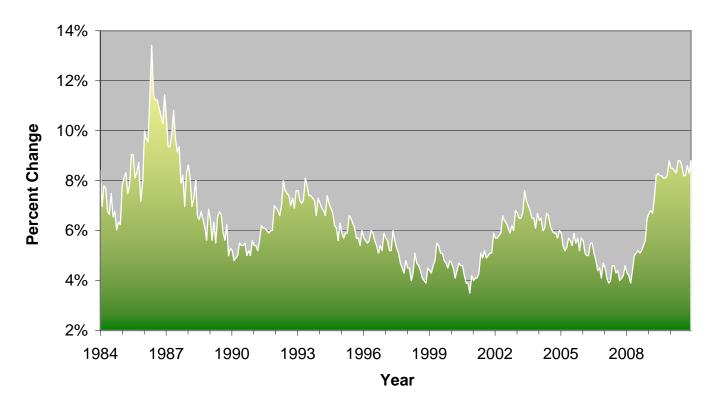
Source: U.S. Bureau of Labor Statistics

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#### **Houston Unemployment Rate Not Seasonally Adjusted** Houston-Sugar Land-Baytown MSA February 2011

Year	Annual Average	Month	Rate
1999	4.8%	2010-01	8.8%
2000	4.3%	2010-02	8.5%
2001	4.7%	2010-03	8.5%
2002	6.0%	2010-04	8.4%
2003	6.7%	2010-05	8.3%
2004	6.2%	2010-06	8.8%
2005	5.6%	2010-07	8.8%
2006	5.0%	2010-08	8.6%
2007	4.3%	2010-09	8.2%
2008	4.8%	2010-10	8.2%
2009	7.6%	2010-11	8.6%
2010	8.5%	2010-12	8.3%
ne from same peri	od of previous vear.	2011-01	8.8%

<sup>\*</sup> Change from same period of previous year.



Source: U.S. Bureau of Labor Statistics

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To download the data for this table, click here.

Employment and Population Forecasts by Barton A. Smith, Ph.D, Professor Emeritus, University of Houston. January 2011

## Employment

Year	CMSA	Brazoria	Chambers	Ft. Bend	Galveston	Harris	Houston	Sub Harris	Liberty	Montg	Waller	Loop
1970	904,142	33,873	3,509	14,159	58,934	772,907	685,122	87,785	7,919	9,403	3,438	440,427
1980	1,616,123	68,052	7,482	37,545	72,799	1,384,104	1,084,380	299,724	13,854	26,388	5,899	584,206
1990	1,811,944	70,950	6,048	50,546	80,224	1,539,045	1,163,806	375,240	14,251	43,268	7,612	526,836
1995	1,922,608	72,482	6,921	61,908	83,826	1,619,544	1,205,475	414,069	14,951	54,602	8,373	520,662
2000	2,252,103	77,472	8,288	99,768	94,138	1,855,051	1,320,858	534,193	17,901	89,634	9,851	563,026
2005	2,343,072	80,250	8,787	112,936	96,956	1,906,019	1,336,957	569,062	18,862	108,484	10,778	567,492
2010	2,502,078	85,071	10,259	145,621	97,581	1,986,400	1,343,115	643,284	21,017	143,369	12,761	564,219
2015	2,724,943	92,921	12,535	198,240	106,273	2,080,631	1,349,119	731,511	25,342	192,381	16,622	571,966
2020	3,067,722	106,757	16,566	260,572	120,255	2,257,107	1,411,152	845,955	32,825	250,633	23,008	600,967
2025	3,388,184	121,297	21,346	318,150	133,494	2,416,114	1,467,761	948,353	41,675	304,937	31,171	624,781
2030	3,693,262	137,389	26,961	374,127	148,100	2,557,953	1,518,669	1,039,284	50,228	358,985	39,518	646,321
2035	3,965,090	152,259	32,315	425,454	160,983	2,677,229	1,555,505	1,121,724	58,683	410,585	47,581	664,153
2040	4,204,678	166,085	37,001	470,503	172,182	2,778,661	1,584,112	1,194,549	66,434	458,730	55,081	672,748

### **Employment Share**

Year	CMSA	Brazoria	Chambers	Ft. Bend	Galveston	Harris	Houston	Sub Harris	Liberty	Montg	Waller	Loop
1970	100.00%	3.75%	0.39%	1.57%	6.52%	85.49%	75.78%	9.71%	0.88%	1.04%	0.38%	48.71%
1980	100.00%	4.21%	0.46%	2.32%	4.50%	85.64%	67.10%	18.55%	0.86%	1.63%	0.37%	36.15%
1990	100.00%	3.92%	0.33%	2.79%	4.43%	84.94%	64.23%	20.71%	0.79%	2.39%	0.42%	29.08%
1995	100.00%	3.77%	0.36%	3.22%	4.36%	84.24%	62.70%	21.54%	0.78%	2.84%	0.44%	27.08%
2000	100.00%	3.44%	0.37%	4.43%	4.18%	82.37%	58.65%	23.72%	0.79%	3.98%	0.44%	25.00%
2005	100.00%	3.43%	0.38%	4.82%	4.14%	81.35%	57.06%	24.29%	0.81%	4.63%	0.46%	24.22%
2010	100.00%	3.40%	0.41%	5.82%	3.90%	79.39%	53.68%	25.71%	0.84%	5.73%	0.51%	22.55%
2015	100.00%	3.41%	0.46%	7.28%	3.90%	76.36%	49.51%	26.85%	0.93%	7.06%	0.61%	20.99%
2020	100.00%	3.48%	0.54%	8.49%	3.92%	73.58%	46.00%	27.58%	1.07%	8.17%	0.75%	19.59%
2025	100.00%	3.58%	0.63%	9.39%	3.94%	71.31%	43.32%	27.99%	1.23%	9.00%	0.92%	18.44%
2030	100.00%	3.72%	0.73%	10.13%	4.01%	69.26%	41.12%	28.14%	1.36%	9.72%	1.07%	17.50%
2035	100.00%	3.84%	0.82%	10.73%	4.06%	67.52%	39.23%	28.29%	1.48%	10.36%	1.20%	16.75%
2040	100.00%	3.95%	0.88%	11.19%	4.10%	66.09%	37.68%	28.41%	1.58%	10.91%	1.31%	16.00%

To download the data for this table, click here.

Employment and Population Forecasts by Barton A. Smith, Ph.D, Professor Emeritus, University of Houston. January 2011

## **Share of Employment Growth**

Year	CMSA	Brazoria	Chambers	Ft. Bend	Galveston	Harris	Houston	Sub Harris	Liberty	Montg	Waller	Loop
1970												
1980		4.80%	0.56%	3.28%	1.95%	85.84%	56.08%	29.77%	0.83%	2.39%	0.35%	20.19%
1990		1.48%	-0.73%	6.64%	3.79%	79.12%	40.56%	38.56%	0.20%	8.62%	0.87%	-29.30%
1995		1.38%	0.79%	10.27%	3.25%	72.74%	37.65%	35.09%	0.63%	10.24%	0.69%	-5.58%
2000		1.51%	0.41%	11.49%	3.13%	71.48%	35.02%	36.46%	0.90%	10.63%	0.45%	12.86%
2005		3.05%	0.55%	14.48%	3.10%	56.03%	17.70%	38.33%	1.06%	20.72%	1.02%	4.91%
2010		3.03%	0.93%	20.56%	0.39%	50.55%	3.87%	46.68%	1.36%	21.94%	1.25%	-2.06%
2015		3.52%	1.02%	23.61%	3.90%	42.28%	2.69%	39.59%	1.94%	21.99%	1.73%	3.48%
2020		4.04%	1.18%	18.18%	4.08%	51.48%	18.10%	33.39%	2.18%	16.99%	1.86%	8.46%
2025		4.54%	1.49%	17.97%	4.13%	49.62%	17.66%	31.95%	2.76%	16.95%	2.55%	7.43%
2030		5.27%	1.84%	18.35%	4.79%	46.49%	16.69%	29.81%	2.80%	17.72%	2.74%	7.06%
2035		5.47%	1.97%	18.88%	4.74%	43.88%	13.55%	30.33%	3.11%	18.98%	2.97%	6.56%
2040		5.77%	1.96%	18.80%	4.67%	42.34%	11.94%	30.40%	3.23%	20.10%	3.13%	3.59%

## **Employment Growth Rate**

Year	CMSA	Brazoria	Chambers	Ft. Bend	Galveston	Harris	Houston	Sub Harris	Liberty	Montg	Waller	Loop
1970												
1980	7.23%	7.87%	10.24%	2.14%	6.00%	4.70%	13.07%	5.75%	10.87%	5.55%	2.87%	5.98%
1990	0.42%	-2.11%	3.02%	0.98%	1.07%	0.71%	2.27%	0.28%	5.07%	2.58%	-1.03%	1.15%
1995	0.43%	2.73%	4.14%	0.88%	1.02%	0.71%	1.99%	0.96%	4.76%	1.92%	-0.24%	1.19%
2000	1.34%	3.67%	10.01%	2.35%	2.75%	1.84%	5.23%	3.67%	10.42%	3.30%	1.58%	3.21%
2005	0.71%	1.18%	2.51%	0.59%	0.54%	0.24%	1.27%	1.05%	3.89%	1.82%	0.16%	0.80%
2010	1.17%	3.15%	5.22%	0.13%	0.83%	0.09%	2.48%	2.19%	5.73%	3.43%	-0.12%	1.32%
2015	1.78%	4.09%	6.36%	1.72%	0.93%	0.09%	2.60%	3.81%	6.06%	5.43%	0.27%	1.72%
2020	2.82%	5.74%	5.62%	2.50%	1.64%	0.90%	2.95%	5.31%	5.43%	6.72%	0.99%	2.40%
2025	2.59%	5.20%	4.07%	2.11%	1.37%	0.79%	2.31%	4.89%	4.00%	6.26%	0.78%	2.01%
2030	2.52%	4.78%	3.29%	2.10%	1.15%	0.68%	1.85%	3.80%	3.32%	4.86%	0.68%	1.74%
2035	2.08%	3.69%	2.60%	1.68%	0.92%	0.48%	1.54%	3.16%	2.72%	3.78%	0.55%	1.43%
2040	1.75%	2.75%	2.03%	1.35%	0.75%	0.37%	1.27%	2.51%	2.24%	2.97%	0.26%	1.18%

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Employment and Population Forecasts by Barton A. Smith, Ph.D, Professor Emeritus, University of Houston. January 2011

## **Population**

Year	CMSA	Brazoria	Chambers	Ft. Bend	Galveston	Harris	Houston	Sub Harris	Liberty	Montg	Waller	Loop
1970	2,181,316	108,312	12,187	52,314	169,812	1,741,913	1,232,802	509,111	33,014	49,479	14,285	489,143
1980	3,118,480	169,587	18,538	130,962	195,738	2,409,547	1,595,138	814,409	47,088	127,222	19,798	460,614
1990	3,731,131	191,707	20,088	225,421	217,399	2,818,199	1,630,553	1,187,646	52,726	182,201	23,390	408,227
1995	4,021,841	206,421	21,416	264,235	224,620	3,002,304	1,709,282	1,293,022	57,713	219,190	25,941	415,858
2000	4,669,589	241,767	26,031	354,452	250,158	3,400,578	1,953,631	1,446,947	70,154	293,786	32,663	462,289
2005	5,109,124	273,338	29,122	451,391	272,316	3,604,232	2,061,021	1,543,211	75,104	367,857	35,764	485,878
2010	5,828,839	338,073	34,157	606,199	318,255	3,915,464	2,198,638	1,716,826	91,513	483,211	41,968	517,601
2015	6,408,117	393,458	38,449	731,166	357,573	4,146,693	2,268,474	1,878,219	110,860	579,294	50,624	533,155
2020	7,294,045	485,783	45,223	924,885	420,866	4,473,438	2,370,565	2,102,873	141,504	733,781	68,564	555,806
2025	8,118,189	576,391	53,580	1,085,402	481,409	4,765,377	2,459,811	2,305,566	170,482	883,259	102,289	575,580
2030	8,888,991	664,897	65,779	1,233,347	536,895	5,015,613	2,536,474	2,479,140	198,224	1,025,790	148,446	592,896
2035	9,567,234	740,504	80,365	1,363,714	579,774	5,227,154	2,602,288	2,624,866	225,787	1,152,852	197,085	605,989
2040	10,145,645	802,521	97,398	1,473,858	612,797	5,399,411	2,651,057	2,748,354	249,583	1,262,524	247,554	613,812

## **Population Share**

Year	CMSA	Brazoria	Chambers	Ft. Bend	Galveston	Harris	Houston	Sub Harris	Liberty	Montg	Waller	Loop
1970	100.00%	4.97%	0.56%	2.40%	7.78%	79.86%	56.52%	23.34%	1.51%	2.27%	0.65%	22.42%
1980	100.00%	5.44%	0.59%	4.20%	6.28%	77.27%	51.15%	26.12%	1.51%	4.08%	0.63%	14.77%
1990	100.00%	5.14%	0.54%	6.04%	5.83%	75.53%	43.70%	31.83%	1.41%	4.88%	0.63%	10.94%
1995	100.00%	5.13%	0.53%	6.57%	5.59%	74.65%	42.50%	32.15%	1.44%	5.45%	0.65%	10.34%
2000	100.00%	5.18%	0.56%	7.59%	5.36%	72.82%	40.80%	30.99%	1.50%	6.29%	0.70%	9.90%
2005	100.00%	5.35%	0.57%	8.84%	5.33%	70.55%	40.34%	30.21%	1.47%	7.20%	0.70%	9.51%
2010	100.00%	5.80%	0.59%	10.40%	5.46%	67.17%	37.72%	29.45%	1.57%	8.29%	0.72%	8.88%
2015	100.00%	6.14%	0.60%	11.41%	5.58%	64.71%	35.40%	29.31%	1.73%	9.04%	0.79%	8.32%
2020	100.00%	6.66%	0.62%	12.68%	5.77%	61.33%	32.50%	28.83%	1.94%	10.06%	0.94%	7.62%
2025	100.00%	7.10%	0.66%	13.37%	5.93%	58.70%	30.30%	28.40%	2.10%	10.88%	1.26%	7.09%
2030	100.00%	7.48%	0.74%	13.88%	6.04%	56.43%	28.54%	27.89%	2.23%	11.54%	1.67%	6.67%
2035	100.00%	7.74%	0.84%	14.25%	6.06%	54.64%	27.20%	27.44%	2.36%	12.05%	2.06%	6.33%
2040	100.00%	7.91%	0.96%	14.53%	6.04%	53.22%	26.13%	27.09%	2.46%	12.44%	2.44%	6.05%

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Employment and Population Forecasts by Barton A. Smith, Ph.D, Professor Emeritus, University of Houston. January 2011

## **Share of Population Growth**

Year	CMSA	Brazoria	Chambers	Ft. Bend	Galveston	Harris	Houston	Sub Harris	Liberty	Montg	Waller	Loop
1970												
1980		6.54%	0.68%	8.39%	2.77%	71.24%	38.66%	32.58%	1.50%	8.30%	0.59%	-3.04%
1990		3.61%	0.25%	15.42%	3.54%	66.70%	5.78%	60.92%	0.92%	8.97%	0.59%	-8.55%
1995		5.06%	0.46%	13.35%	2.48%	63.33%	27.08%	36.25%	1.72%	12.72%	0.88%	2.63%
2000		5.46%	0.71%	13.93%	3.94%	61.49%	37.72%	23.76%	1.92%	11.52%	1.04%	7.17%
2005		7.18%	0.70%	22.05%	5.04%	46.33%	24.43%	21.90%	1.13%	16.85%	0.71%	5.37%
2010		8.99%	0.70%	21.51%	6.38%	43.24%	19.12%	24.12%	2.28%	16.03%	0.86%	4.41%
2015		9.56%	0.74%	21.57%	6.79%	39.92%	12.06%	27.86%	3.34%	16.59%	1.49%	2.69%
2020		10.42%	0.76%	21.87%	7.14%	36.88%	11.52%	25.36%	3.46%	17.44%	2.02%	2.56%
2025		10.99%	1.01%	19.48%	7.35%	35.42%	10.83%	24.59%	3.52%	18.14%	4.09%	2.40%
2030		11.48%	1.58%	19.19%	7.20%	32.46%	9.95%	22.52%	3.60%	18.49%	5.99%	2.25%
2035		11.15%	2.15%	19.22%	6.32%	31.19%	9.70%	21.49%	4.06%	18.73%	7.17%	1.93%
2040		10.72%	2.94%	19.04%	5.71%	29.78%	8.43%	21.35%	4.11%	18.96%	8.73%	1.35%

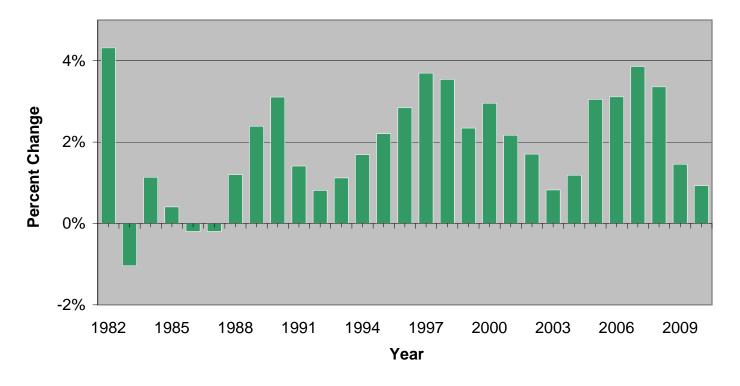
### **Population Growth Rate**

Year	CMSA	Brazoria	Chambers	Ft. Bend	Galveston	Harris	Houston	Sub Harris	Liberty	Montg	Waller	Loop
1970												
1980	3.64%	4.59%	4.28%	9.61%	1.43%	3.30%	2.61%	4.81%	3.61%	9.90%	3.32%	-0.60%
1990	1.81%	1.23%	0.81%	5.58%	1.06%	1.58%	0.22%	3.84%	1.14%	3.66%	1.68%	-1.20%
1995	1.51%	1.49%	1.29%	3.23%	0.66%	1.27%	0.95%	1.71%	1.82%	3.77%	2.09%	0.37%
2000	3.03%	3.21%	3.98%	6.05%	2.18%	2.52%	2.71%	2.27%	3.98%	6.03%	4.72%	2.14%
2005	1.82%	2.49%	2.27%	4.95%	1.71%	1.17%	1.08%	1.30%	1.37%	4.60%	1.83%	1.00%
2010	2.67%	4.34%	3.24%	6.07%	3.17%	1.67%	1.30%	2.16%	4.03%	5.61%	3.25%	1.27%
2015	1.91%	3.08%	2.40%	3.82%	2.36%	1.15%	0.63%	1.81%	3.91%	3.69%	3.82%	0.59%
2020	2.62%	4.31%	3.30%	4.81%	3.31%	1.53%	0.88%	2.29%	5.00%	4.84%	6.25%	0.84%
2025	2.16%	3.48%	3.45%	3.25%	2.72%	1.27%	0.74%	1.86%	3.80%	3.78%	8.33%	0.70%
2030	1.83%	2.90%	4.19%	2.59%	2.21%	1.03%	0.62%	1.46%	3.06%	3.04%	7.73%	0.59%
2035	1.48%	2.18%	4.09%	2.03%	1.55%	0.83%	0.51%	1.15%	2.64%	2.36%	5.83%	0.44%
2040	1.18%	1.62%	3.92%	1.57%	1.11%	0.65%	0.37%	0.92%	2.02%	1.83%	4.67%	0.26%

### IRF Estimated Population Houston PMSA\*\* February 2011

Year	Population (Thousands)	Percent Change*	Year	Population (Thousands)	Percent Change*
1988	3,165.7	1.2%	1999	4,057.8	2.3%
1989	3,241.3	2.4%	2000	4,177.6	3.0%
1990	3,342.0	3.1%	2001	4,268.1	2.2%
1991	3,389.2	1.4%	2002	4,340.9	1.7%
1992	3,416.7	0.8%	2003	4,376.6	0.8%
1993	3,454.9	1.1%	2004	4,428.4	1.2%
1994	3,513.3	1.7%	2005	4,563.5	3.0%
1995	3,590.8	2.2%	2006	4,705.5	3.1%
1996	3,692.9	2.8%	2007	4,887.0	3.9%
1997	3,829.3	3.7%	2008	5,051.1	3.4%
1998	3,964.9	3.5%	2009	5,124.6	1.5%
* Change from sa	ame period of previou	ıs year	2010	5,172.1	0.9%

<sup>\*\*</sup> Regional demographic and economic activity now are measured using the 2000 MSA. However, for consistency this table is based on the old PMSA. See page 83 of the Data Glossary.



Source: Institute for Regional Forecasting

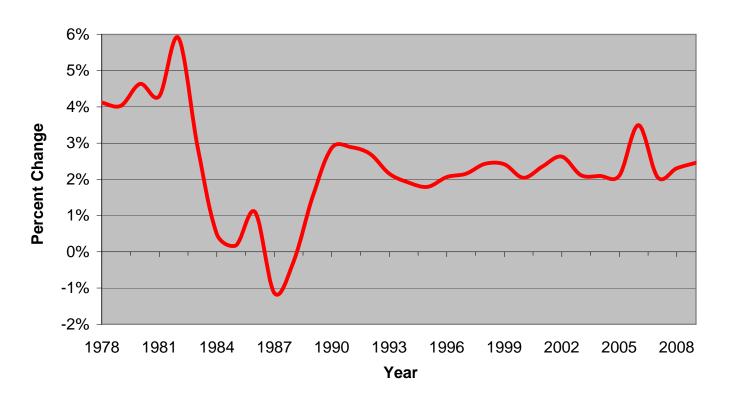
For more information about this series click here. To download the data for this chart, click here.

### BEA Estimated Population Houston-Sugar Land-Baytown MSA 2000\*\* February 2011

Year	Population (Thousands)	Percent Change*	Year	Population (Thousands)	Percent Change*
1988	3,631	-0.3%	1999	4,645	2.4%
1989	3,686	1.5%	2000	4,739	2.0%
1990	3,792	2.9%	2001	4,851	2.4%
1991	3,902	2.9%	2002	4,979	2.6%
1992	4,007	2.7%	2003	5,084	2.1%
1993	4,093	2.2%	2004	5,190	2.1%
1994	4,172	1.9%	2005	5,300	2.1%
1995	4,246	1.8%	2006	5,485	3.5%
1996	4,334	2.1%	2007	5,598	2.1%
1997	4,427	2.2%	2008	5,727	2.3%
1998	4,535	2.4%	2009	5,867	2.5%

<sup>\*</sup> Change from same period of previous year

<sup>\*\*</sup> See "Note" on Page 83 for definition of MSA 2000



Source: U.S. Bureau of Economic Analysis

For more information about this series click here.

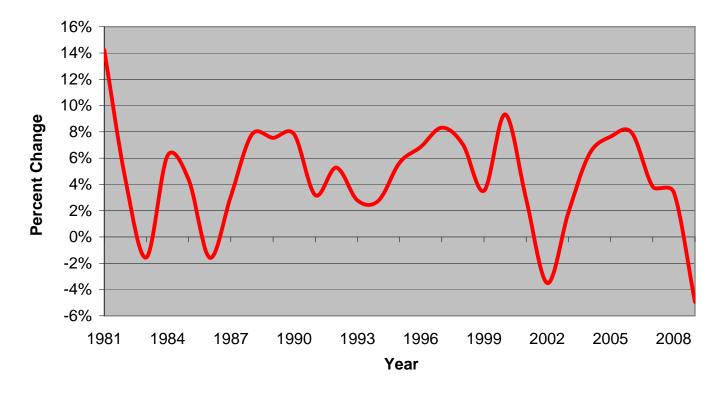
To download the data for this chart, click here.

### Estimated Personal Income Houston-Sugar Land-Baytown MSA 2000\*\* February 2011

Year	Per Capita Income	Percent Change*	Year	Per Capita Income	Percent Change*
1984	\$15,191	6.2%	1997	\$28,219	8.3%
1985	\$15,854	4.4%	1998	\$30,206	7.0%
1986	\$15,603	-1.6%	1999	\$31,269	3.5%
1987	\$16,086	3.1%	2000	\$34,185	9.3%
1988	\$17,342	7.8%	2001	\$35,166	2.9%
1989	\$18,650	7.5%	2002	\$33,933	-3.5%
1990	\$20,108	7.8%	2003	\$34,565	1.9%
1991	\$20,749	3.2%	2004	\$36,755	6.3%
1992	\$21,845	5.3%	2005	\$39,561	7.6%
1993	\$22,453	2.8%	2006	\$42,701	7.9%
1994	\$23,074	2.8%	2007	\$44,333	3.8%
1995	\$24,380	5.7%	2008	\$45,835	3.4%
1996	\$26,052	6.9%	2009	\$43,568	-4.9%

<sup>\*</sup> Change from same period of previous year

<sup>\*\*</sup> See "Note" on Page 83 for definition of MSA 2000



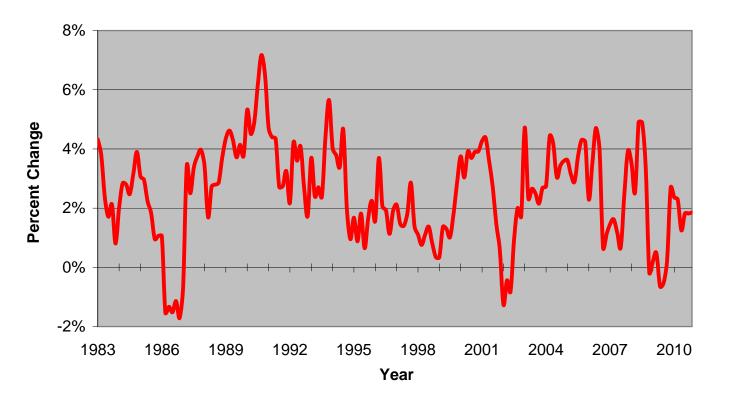
Source: U.S. Bureau of Economic Analysis

For more information about this series click here.

To download the data for this chart, click here.

### Houston Consumer Price Index All Urban Consumers 1982-84 = 100 February 2011

	Index	Percent			Percent
Year	Average	Change	Bimonthly	Index	Change*
2000	154.2	3.7%	2009-02	188.0	0.2%
2001	158.8	3.0%	2009-04	189.7	0.5%
2002	159.2	0.3%	2009-06	192.3	-0.6%
2003	163.7	2.8%	2009-08	191.7	-0.5%
2004	169.5	3.5%	2009-10	191.6	0.2%
2005	175.6	3.6%	2009-12	190.9	2.7%
2006	180.7	2.9%	2010-02	192.4	2.4%
2007	184.1	1.8%	2010-04	194.0	2.3%
2008	190.0	3.3%	2010-06	194.7	1.3%
2009	190.7	0.5%	2010-08	195.2	1.8%
2010	194.3	1.9%	2010-10	195.1	1.8%
* Change from sa	ame period of previo	ous year	2010-12	194.5	1.9%



Source: U.S. Bureau of Labor Statistics

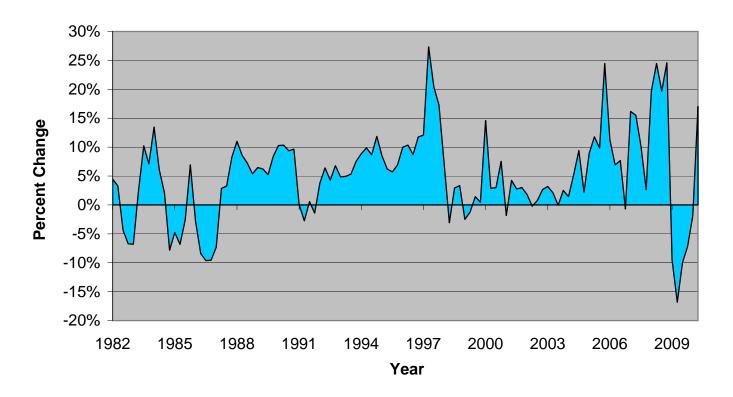
For more information about this series click here.

To download the data for this chart, click here.

## Retail Sales Houston-Sugar Land-Baytown MSA 2000\*\* February 2011

Year	Annual Sales	Percent Change	Quarter	Quarterly Sales	Percent Change*
1998	\$56,958,592,493	2.4%	2007-3Q	\$20,966,302,294	10.1%
1999	\$56,756,722,209	-0.4%	2007-4Q	\$26,196,818,657	2.6%
2000	\$60,627,939,351	6.8%	2008-1Q	\$24,353,646,957	19.7%
2001	\$61,924,673,890	2.1%	2008-2Q	\$26,798,000,993	24.5%
2002	\$62,764,015,891	1.4%	2008-3Q	\$25,095,036,647	19.7%
2003	\$63,995,847,529	2.0%	2008-4Q	\$32,639,510,848	24.6%
2004	\$66,806,776,454	4.4%	2009-1Q	\$22,037,073,332	-9.5%
2005	\$76,570,736,841	14.6%	2009-2Q	\$22,290,158,899	-16.8%
2006	\$80,725,837,641	5.4%	2009-3Q	\$22,586,132,054	-10.0%
2007	\$89,040,047,555	10.3%	2009-4Q	\$30,296,422,560	-7.2%
2008	\$108,886,195,445	22.3%	2010-1Q	\$21,627,901,755	-1.9%
2009	\$97,209,786,845	-10.7%	2010-2Q	\$26,084,635,216	17.0%
* ~ .					

<sup>\*</sup> Change from same period of previous year

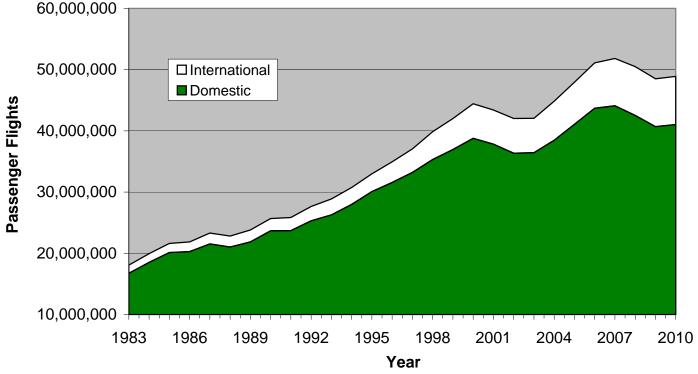


Source: U.S. Bureau of Labor Statistics

For more information about this series click here. To download the data for this chart, click here.

# Domestic and International Passenger Flights Houston Airport System Houston-Sugar Land-Baytown MSA February 2011

Year	Annual Domestic	Annual International	Month	Monthly Domestic	Monthly Internationa
1998	35,316,444	4,546,256	2010-01	3,057,743	700,483
1999	36,955,352	5,053,429	2010-02	2,882,474	597,583
2000	38,777,484	5,653,282	2010-03	3,464,515	730,594
2001	37,824,033	5,581,893	2010-04	3,316,921	655,101
2002	36,351,851	5,668,101	2010-05	3,513,003	684,617
2003	36,426,076	5,620,382	2010-06	3,764,338	774,414
2004	38,465,528	6,385,139	2010-07	3,848,421	890,959
2005	41,068,734	6,865,990	2010-08	3,623,568	778,506
2006	43,688,377	7,411,010	2010-09	3,141,148	589,196
2007	44,094,571	7,722,990	2010-10	3,514,917	652,890
2008	42,525,054	7,960,133	2010-11	3,373,154	664,555
2009	40,695,819	7,809,943	2010-12	3,524,194	786,866
2010	41,024,396	7,867,170	2011-01	3,136,417	753,689



Source: Houston Airport System & Greater Houston Partnership

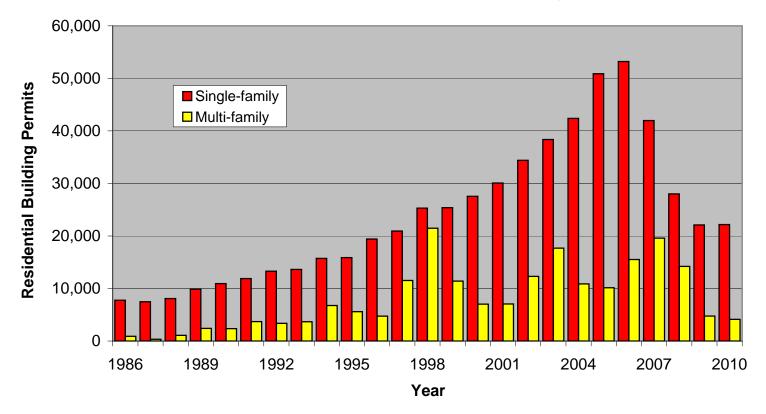
For more information about this series click here.

To download the data for this chart, click here.

## Residential Building Permits Houston MSA\* February 2011

Year	Annual Sum Single-family	Annual Sum Multi-family	Month	Single-family	Multi-family	Total
2000	27,547	7,027	2010-01	1,637	391	2,028
2001	30,077	7,046	2010-02	2,136	19	2,155
2002	34,405	12,307	2010-03	2,804	447	3,251
2003	38,357	17,677	2010-04	2,363	897	3,260
2004	42,387	10,874	2010-05	2,126	392	2,518
2005	50,878	10,142	2010-06	2,235	761	2,996
2006	53,202	15,523	2010-07	1,537	353	1,890
2007	41,967	19,583	2010-08	1,675	638	2,313
2008	28,011	14,215	2010-09	1,471	448	1,919
2009	22,104	4,753	2010-10	1,292	306	1,598
2010	22,170	4,123	2010-11	1,375	351	1,726
			2010-12	1,519	22	1,541

<sup>\*</sup> This data is discontinuous. For 1981-1982 permits are for the Houston SMSA, for 1983-1984 the PMSA, for 1985-2003 the CMSA, and for 2004 the redefined Census MSA. See the Glossary for different definitions.



Source: U.S. Bureau of the Census

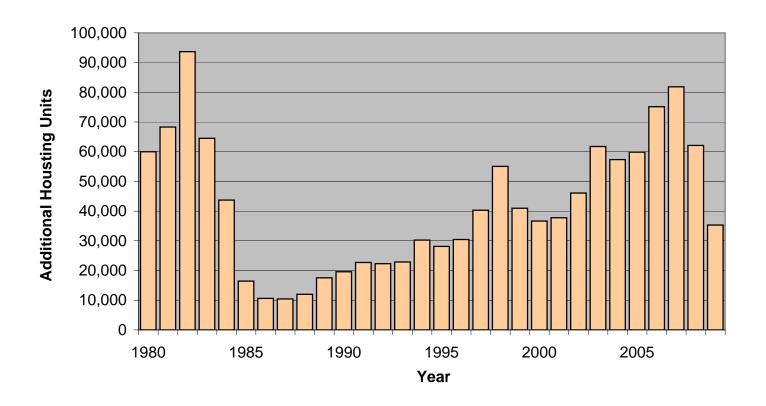
For more information about this series click here.

To download the data for this chart, click here.

## Estimated New Real Estate Supply - Residential Houston PMSA February 2011

Year	Residential Units	Percent Change*	Year	Residential Units	Percent Change*
1988	11,994	15.0%	1999	40,951	-25.6%
1989	17,538	46.2%	2000	36,656	-10.5%
1990	19,583	11.7%	2001	37,752	3.0%
1991	22,698	15.9%	2002	46,093	22.1%
1992	22,311	-1.7%	2003	61,767	34.0%
1993	22,871	2.5%	2004	57,336	-7.2%
1994	30,257	32.3%	2005	59,844	4.4%
1995	28,115	-7.1%	2006	75,134	25.5%
1996	30,433	8.2%	2007	81,861	9.0%
1997	40,282	32.4%	2008	62,114	-24.1%
1998	55,053	36.7%	2009	35,311	-43.2%

<sup>\*</sup> Change from same period of previous year



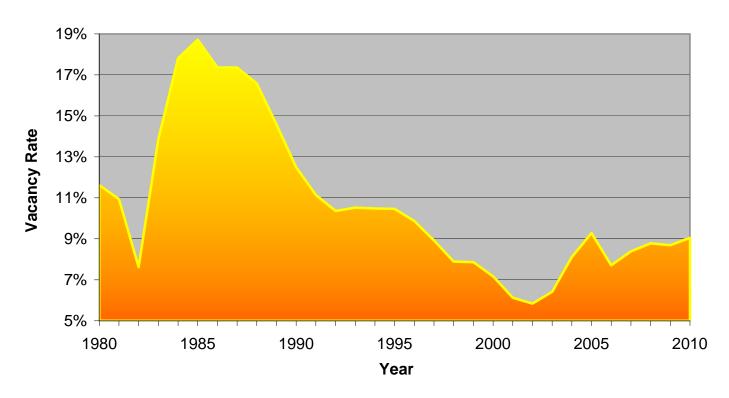
Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

## Residential Vacancy Rates - All Housing Houston PMSA February 2011

	Vacancy		Vacancy
Year	Rate	Year	Rate
1985	18.7%	1998	7.9%
1986	17.4%	1999	7.9%
1987	17.4%	2000	7.2%
1988	16.6%	2001	6.1%
1989	14.6%	2002	5.8%
1990	12.5%	2003	6.4%
1991	11.1%	2004	8.1%
1992	10.4%	2005	9.3%
1993	10.5%	2006	7.7%
1994	10.5%	2007	8.4%
1995	10.5%	2008	8.8%
1996	9.9%	2009	8.7%
1997	8.9%	2010	9.1%



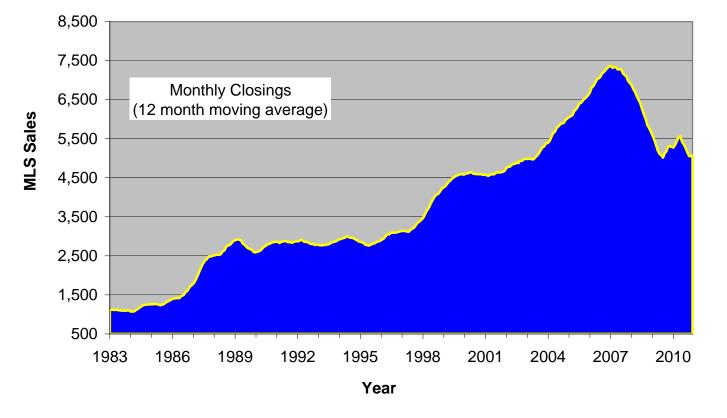
Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

## MLS Sales Houston Metropolitian Area February 2011

	Annual	<b>Annual Percent</b>		Monthly	Percent
Year	Sales	Change	Month	Closings	Change*
2000	54,893	-0.2%	2010-02	3,843	-4.6%
2001	56,068	2.1%	2010-03	5,758	14.5%
2002	59,765	6.6%	2010-04	6,200	26.7%
2003	64,600	8.1%	2010-05	6,659	20.3%
2004	72,184	11.7%	2010-06	6,593	4.1%
2005	78,765	9.1%	2010-07	5,056	-24.4%
2006	87,685	11.3%	2010-08	4,977	-15.3%
2007	83,786	-4.4%	2010-09	4,648	-17.8%
2008	69,336	-17.2%	2010-10	4,404	-23.0%
2009	63,661	-8.2%	2010-11	4,200	-21.5%
2010	60,587	-4.8%	2010-12	5,131	-2.6%
* Change from sa	me period of pre	vious year	2011-01	3,413	9.5%



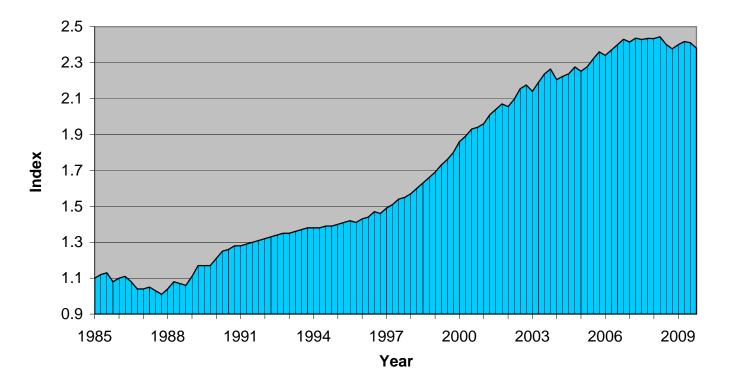
Source: Houston Association of Realtors

For more information about this series click here. To download the data for this chart, click here.

### Houston Quarterly Home Price Index 1980 Q4 = 1 February 2011

Year	Annual Index	Percent Change	Quarter	Index	Percent Change*
1998	1.62	6.1%	2007-1Q	2.41	3.2%
1999	1.75	8.0%	2007-2Q	2.44	2.8%
2000	1.91	9.2%	2007-3Q	2.43	1.2%
2001	2.02	6.0%	2007-4Q	2.43	0.2%
2002	2.12	5.0%	2008-1Q	2.43	0.8%
2003	2.21	4.1%	2008-2Q	2.44	0.3%
2004	2.24	1.3%	2008-3Q	2.40	-1.1%
2005	2.30	3.0%	2008-4Q	2.38	-2.4%
2006	2.39	3.6%	2009-1Q	2.40	-1.4%
2007	2.43	1.8%	2009-2Q	2.42	-1.1%
2008	2.41	-0.6%	2009-3Q	2.41	0.4%
2009	2.40	-0.5%	2009-4Q	2.38	0.2%

<sup>\*</sup> Change from same period of previous year



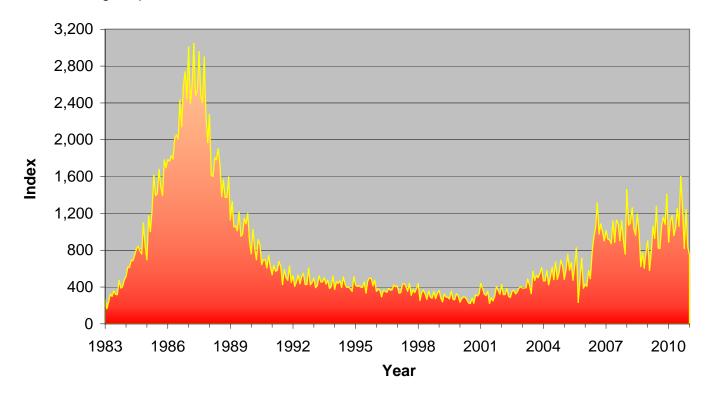
Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

## Harris County Foreclosures February 2011

Year	Annual Total	Percent Change	Month	Fore- Closures	Percent Change*
1998	3,865	-15.1%	11-2009	1,080	-4.9%
1999	3,574	-7.5%	12-2009	1,412	0.1%
2000	3,238	-9.4%	01-2010	887	4.9%
2001	3,954	22.1%	02-2010	1,111	14.6%
2002	4,222	6.8%	03-2010	1,180	22.0%
2003	5,641	33.6%	04-2010	958	23.4%
2004	6,575	16.6%	05-2010	1,039	25.8%
2005	6,808	3.5%	06-2010	1,252	21.8%
2006	9,942	46.0%	07-2010	1,059	28.5%
2007	11,623	16.9%	08-2010	1,604	38.7%
2008	11,869	2.1%	09-2010	1,268	34.7%
2009	11,880	0.1%	10-2010	818	26.8%
2010	13,254	11.6%	11-2010	1,241	22.8%
* Percent change	in average of the la	ast 12 months	12-2010	837	11.6%
from avaerage	of prvious 12 month	าร	01-2011	747	10.5%



Source: Foreclosure Listing Service

For more information about this series click here.
To download the data for this chart, click here.

### Multi-Family Residential Supply and Demand Houston PMSA February 2011

Year	Change in MF Units	MF Units Occupied	Year	Change in MF Units	MF Units Occupied
1985	-4,080	11,871	1997	11,474	13,790
1986	-12,395	-9,118	1998	23,009	13,489
1987	-12,669	-1,369	1999	10,074	12,618
1988	-10,679	4,133	2000	5,215	10,546
1989	-6,433	6,173	2001	5,133	3,375
1990	-1,748	5,644	2002	11,321	726
1991	1,466	162	2003	18,073	-2,882
1992	-851	-199	2004	9,455	-2,036
1993	-709	1,372	2005	8,556	23,070
1994	4,991	4,190	2006	15,019	8,176
1995	2,799	4,215	2007	19,894	12,313
1996	1,664	7,295	2008	13,318	242
1997	11,474	13,790	2009	2,133	-688
Multi-Family Units 40,000 30,000 10,000 -10,000		Change in Support Change in Dem			
-20,000 <sup>⊥</sup> 198	0 1983 198	6 1989 1992	2 1995 199 <b>Year</b>	8 2001 2004	2007

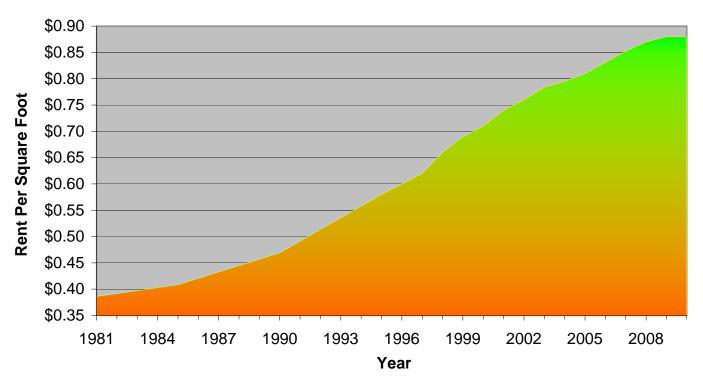
Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

## Greater Houston Apartment Market - Total Harris County Separately Metered Apartments February 2011

Year	Occupancy	Average Rent	Rent Per
	Rate		Square Foot
1998	92.6%	\$543.39	\$0.66
1999	91.0%	\$571.33	\$0.69
2000	92.6%	\$597.27	\$0.71
2001	93.3%	\$621.87	\$0.74
2002	92.6%	\$646.26	\$0.76
2003	89.0%	\$660.53	\$0.78
2004	87.2%	\$675.07	\$0.80
2005	91.9%	\$688.61	\$0.81
2006	88.5%	\$708.00	\$0.83
2007	88.3%	\$726.50	\$0.85
2008	87.8%	\$741.40	\$0.87
2009	84.7%	\$760.05	\$0.88
2010	86.5%	\$759.25	\$0.88



Source: O'Connor & Associates/Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

### Office Building Supply and Demand Houston PMSA February 2011

Year	Change in Supply (Thousands SF)	Change in Occupancy (Thousands SF)	Year	Change in Supply (Thousands SF)	Change in Occupancy (Thousands SF)
1986	566.7	-388.1	1998	2,008.1	5,785.3
1987	2,886.0	442.4	1999	3,471.6	898.3
1988	1,062.7	4,828.4	2000	3,283.6	4,348.6
1989	850.5	4,393.3	2001	1,584.9	3,086.9
1990	-164.0	4,136.7	2002	2,132.3	-4,025.7
1991	491.6	2,026.4	2003	3,039.0	-3,440.1
1992	1,150.4	1,073.2	2004	1,280.0	1,234.6
1993	786.1	454.7	2005	1,289.0	1,986.2
1994	515.5	1,073.9	2006	2,639.0	6,977.0
1995	291.9	2,236.5	2007	4,128.0	5,151.0
1996	167.1	2,810.6	2008	4,257.0	3,467.0
1997	83.6	6,092.9	2009	3,143.0	-1,090.0
6,000, 2,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0	New Supplement of New Dem				
-6,000 <sup>1</sup> 198	84 1987 1	990 1993	1996 19	99 2002 20	05 2008
			Year		

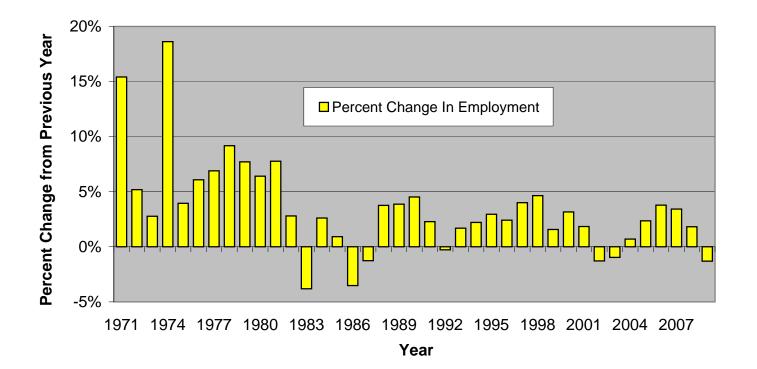
Source: Institute for Regional Forecasting

For more information about this series click here.
To download the data for this chart, click here.

## Office Building Employment Houston PMSA February 2011

Year	Office Employment (Thousands)	Percent Change	Year	Office Employment (Thousands)	Percent Change
1986	381.7	-3.52%	1998	516.5	4.64%
1987	376.9	-1.26%	1999	524.6	1.57%
1988	391.1	3.76%	2000	541.2	3.16%
1989	406.2	3.87%	2001	551.1	1.84%
1990	424.6	4.52%	2002	544.1	-1.28%
1991	434.2	2.28%	2003	538.8	-0.96%
1992	433.0	-0.28%	2004	542.6	0.70%
1993	440.3	1.69%	2005	555.4	2.36%
1994	450.1	2.21%	2006	576.4	3.78%
1995	463.4	2.95%	2007	596.2	3.43%
1996	474.5	2.41%	2008	607.0	1.81%
1997	493.5	4.01%	2009	599.1	-1.31%

<sup>\*</sup> Change from same period of previous year



Source: Institute for Regional Forecasting

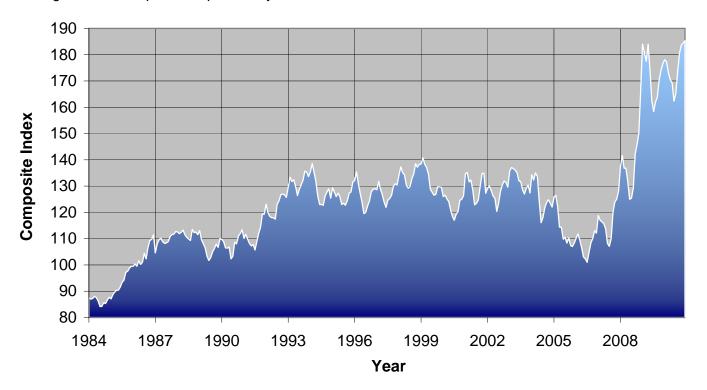
For more information about this series click here. To download the data for this chart, click here.

## **National Real Estate**

U.S. Housing Affordability Composite Index February 2011

Year	Composite Index	Percent Change	Month	Compiosite Index	Percent Change*
2000	122.8	-7.2%	2010-02	177.3	-1.9%
2001	130.0	5.9%	2010-03	173.2	-2.4%
2002	127.8	-1.7%	2010-04	170.5	-7.3%
2003	132.2	3.4%	2010-05	169.3	-2.8%
2004	125.8	-4.9%	2010-06	162.3	-0.1%
2005	113.7	-9.6%	2010-07	165.3	4.4%
2006	107.7	-5.3%	2010-08	173.4	7.1%
2007	117.0	8.6%	2010-09	180.5	10.1%
2008	139.0	18.8%	2010-10	183.6	7.7%
2009	172.3	24.0%	2010-11	184.5	6.0%
2010	175.3	1.7%	2010-12	185.3	4.9%

<sup>\*</sup> Change from same period of previous year



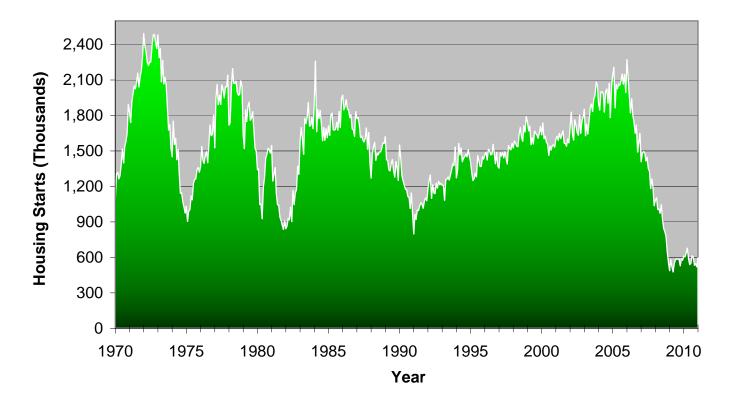
Source: National Association of Realtors/Institute for Regional Forecasting

For more information about this series click here. To download the data for this chart, click here.

## **National Real Estate**

### U.S. Privately-Owned Housing Starts Seasonally Adjusted Annual Rates February 2011

Year	Average Rate/Month (Thousands)	Percent Change	Month	Rate of Starts (Thousands)	Percent Change*
2000	1,573.3	-4.49%	2010-02	605.0	4.13%
2001	1,601.2	1.77%	2010-03	634.0	21.92%
2002	1,710.3	6.81%	2010-04	679.0	42.35%
2003	1,853.8	8.39%	2010-05	588.0	6.91%
2004	1,949.6	5.17%	2010-06	539.0	-7.55%
2005	2,072.9	6.33%	2010-07	550.0	-6.30%
2006	1,811.9	-12.59%	2010-08	614.0	4.96%
2007	1,341.6	-25.96%	2010-09	601.0	2.56%
2008	900.0	-32.92%	2010-10	533.0	0.95%
2009	554.3	-38.42%	2010-11	548.0	-6.96%
2010	585.3	5.66%	2010-12	520.0	-9.72%
* Change from sa	me period of previous	s year	2011-01	596.0	-2.61%



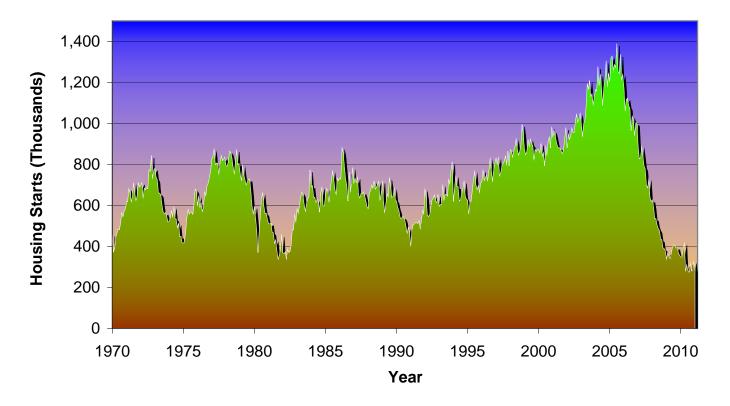
Sources: U.S. Census Bureau/Department of Housing and Urban Development

For more information about this series click here. To download the data for this chart, click here.

### **National Real Estate**

### New U.S. One-Family Residential House Sales Seasonally Adjusted Annual Rates February 2011

	Average Rate/Month	Percent		Rate of Starts	Percent
Year	(Thousands)	Change	Month	(Thousands)	Change*
2000	880.3	0.20%	2010-02	347	-6.22%
2001	907.3	3.07%	2010-03	384	9.71%
2002	976.2	7.60%	2010-04	414	21.41%
2003	1,090.7	11.73%	2010-05	282	-23.16%
2004	1,200.8	10.10%	2010-06	310	-21.72%
2005	1,278.9	6.50%	2010-07	283	-30.64%
2006	1,049.3	-17.95%	2010-08	274	-32.35%
2007	768.7	-26.75%	2010-09	317	-18.93%
2008	482.2	-37.27%	2010-10	280	-29.29%
2009	373.9	-22.45%	2010-11	281	-23.64%
2010	320.5	-14.29%	2010-12	325	-8.71%
* Change from sa	ame period of previou	ıs year	2011-01	284	-18.62%

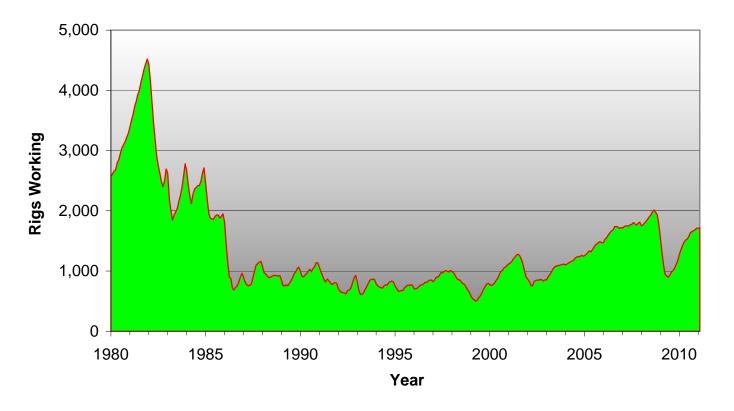


Sources: U.S. Census Bureau/Department of Housing and Urban Development

For more information about this series click here. To download the data for this chart, click here.

# Rotary Rig County - Monthly Working United States February 2011

	Annual Average	Percent		Average Number of	Percent
Year	Rigs	Change	Month	Rigs	Change*
2000	916.1	47.2%	2010-03	1,418.5	28.4%
2001	1,155.1	26.1%	2010-04	1,479.4	56.6%
2002	831.1	-28.1%	2010-05	1,512.8	64.8%
2003	1,031.4	24.1%	2010-06	1,531.0	71.1%
2004	1,190.0	15.4%	2010-07	1,573.0	69.0%
2005	1,380.5	16.0%	2010-08	1,638.0	67.2%
2006	1,648.0	19.4%	2010-09	1,654.5	64.0%
2007	1,766.7	7.2%	2010-10	1,668.2	59.7%
2008	1,877.5	6.3%	2010-11	1,683.0	52.0%
2009	1,081.6	-42.4%	2010-12	1,711.0	45.9%
2010	1,540.5	42.4%	2011-01	1,711.0	35.1%
* Change from sa	me period of previo	ous year	2011-02	1,718.0	27.3%

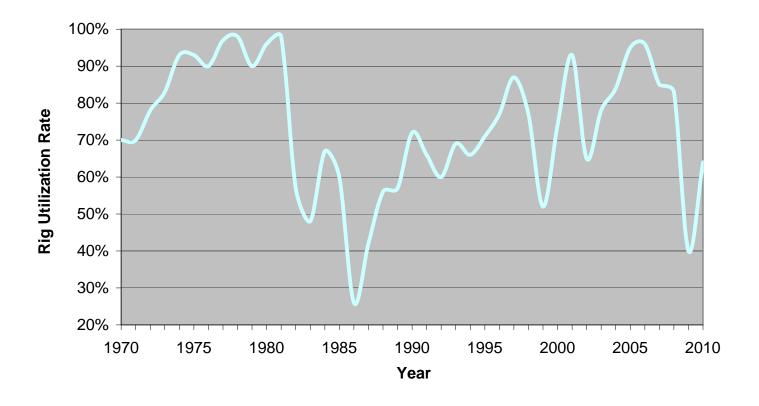


Source: Baker Hughes, Inc.

For more information about this series click here. To download the data for this chart, click here.

## ReedHycalog® Rig Utilization Rate Ratio of Active to Available Rigs February 2011

Year	Ratio	Year	Ratio
1985	60.0%	1998	77%
1986	26.0%	1999	52%
1987	42.0%	2000	74%
1988	56.0%	2001	93%
1989	57.0%	2002	65%
1990	72.0%	2003	78%
1991	66.0%	2004	84%
1992	60.0%	2005	95%
1993	69.0%	2006	96%
1994	66.0%	2007	85%
1995	71.0%	2008	83%
1996	77.0%	2009	40%
1997	87.0%	2010	64%



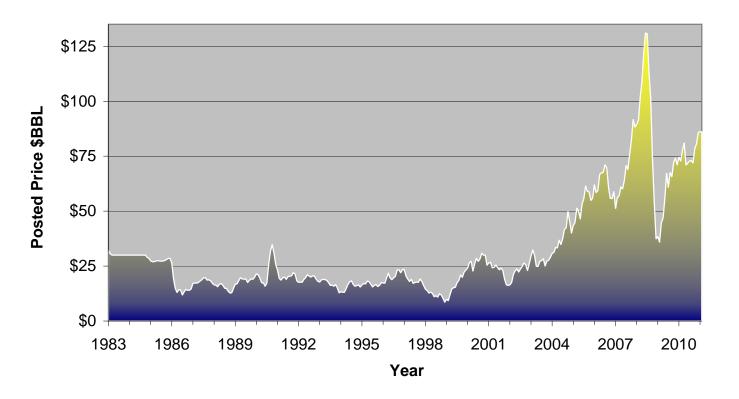
Source: National Oilwell Varco

For more information about this series click here.

To download the data for this chart, click here.

### Average Monthly Posted Price West Texas Intermediate Crude February 2011

	Annual				
	Average	Percent			Percent
Year	Price	Change	Month	Price	Change*
2000	\$27.24	64.65%	2010-03	\$77.65	74.1%
2001	\$22.81	-16.28%	2010-04	\$81.00	72.6%
2002	\$22.82	0.08%	2010-05	\$71.01	27.3%
2003	\$27.78	21.74%	2010-06	\$71.86	6.9%
2004	\$38.09	37.08%	2010-07	\$72.76	19.4%
2005	\$52.90	38.88%	2010-08	\$73.09	8.2%
2006	\$62.80	18.73%	2010-09	\$71.91	9.4%
2007	\$68.93	9.75%	2010-10	\$78.39	8.6%
2008	\$96.15	39.49%	2010-11	\$80.64	8.7%
2009	\$58.37	-39.30%	2010-12	\$85.74	20.6%
2010	\$75.95	30.12%	2011-01	\$86.20	15.6%
* Change from sa	me period of previo	ous year	2011-02	\$86.09	18.3%

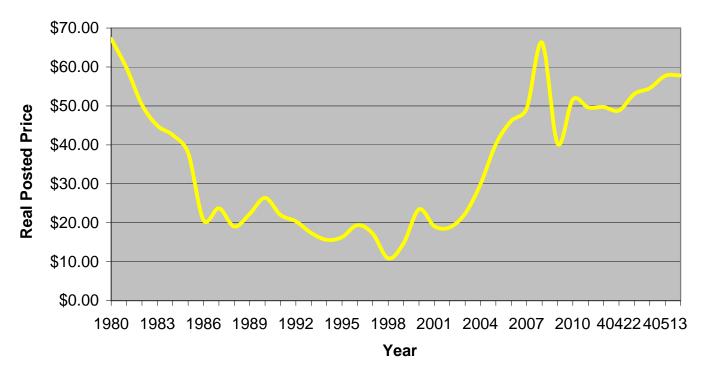


Source: Sunoco Logistics

For more information about this series click here. To download the data for this chart, click here.

## Real Posted Price West Texas Intermediate Crude February 2011

Year	Price	Year	Price
1990	\$26.39	2004	\$29.90
1991	\$22.03	2005	\$40.17
1992	\$20.36	2006	\$46.20
1993	\$17.39	2007	\$49.31
1994	\$15.63	2008	\$66.25
1995	\$16.30	2009	\$40.34
1996	\$19.39	2010	\$51.64
1997	\$17.20	2010-07	\$49.58
1998	\$10.87	2010-08	\$49.71
1999	\$14.72	2010-09	\$48.82
2000	\$23.46	2010-10	\$53.09
2001	\$19.10	2010-11	\$54.55
2002	\$18.81	2010-12	\$57.75
2003	\$22.39	2011-01	<b>\$57.83</b>



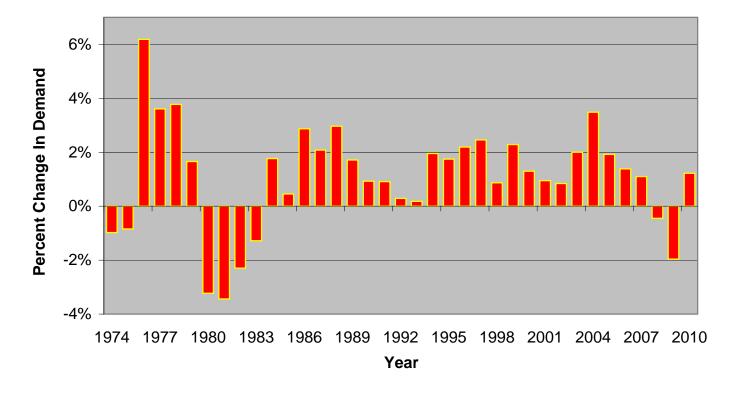
Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

# Growth in Demand for Petroleum World Wide Daily Consumption February 2011

Year	Petroleum Consumption (Thousands bb/d)	Percent Change	Year	Petroleum Consumption (Thousands bb/d)	Percent Change
1988	64,965	2.96%	1999	75,758	2.28%
1989	66,078	1.71%	2000	76,741	1.30%
1990	66,689	0.92%	2001	77,468	0.95%
1991	67,296	0.91%	2002	78,119	0.84%
1992	67,490	0.29%	2003	79,681	2.00%
1993	67,610	0.18%	2004	82,456	3.48%
1994	68,930	1.95%	2005	84,038	1.92%
1995	70,133	1.74%	2006	85,202	1.38%
1996	71,671	2.19%	2007	86,138	1.10%
1997	73,431	2.46%	2008	85,752	-0.45%
1998	74,067	0.87%	2009	84,070	-1.96%
* Change from same period of previous year		2010	85,096	1.22%	

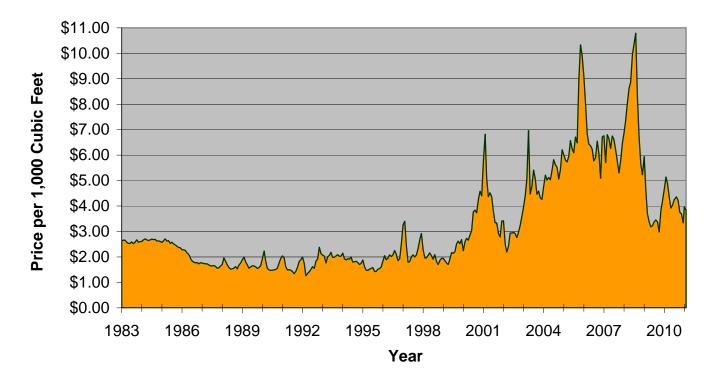


Source: Institute for Regional Forecasting

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Wellhead Price Natural Gas February 2011

V	Annual	Percent	<b>5.6</b> (1)	Price/1,000	Percent
Year	Average	Change	Month	Cubic Feet	Change*
2000	\$3.69	68.21%	2010-02	\$4.89	32.16%
2001	\$4.01	8.86%	2010-03	\$4.36	28.99%
2002	\$2.95	-26.56%	2010-04	\$3.92	23.27%
2003	\$4.88	65.56%	2010-05	\$4.04	25.08%
2004	\$5.45	11.77%	2010-06	\$4.25	25.74%
2005	\$7.32	34.29%	2010-07	\$4.36	26.38%
2006	\$6.40	-12.69%	2010-08	\$4.22	25.22%
2007	\$6.26	-2.06%	2010-09	\$3.76	26.17%
2008	\$7.98	27.38%	2010-10	\$3.69	-3.66%
2009	\$3.66	-54.08%	2010-11	\$3.34	-20.48%
2010	\$4.16	13.58%	2010-12	\$3.96	-15.02%
* Change from sa	me period of previo	ous year	2011-01	\$3.84	-25.29%
Last two months	estimated by IRF		2011-02	\$3.82	-21.88%

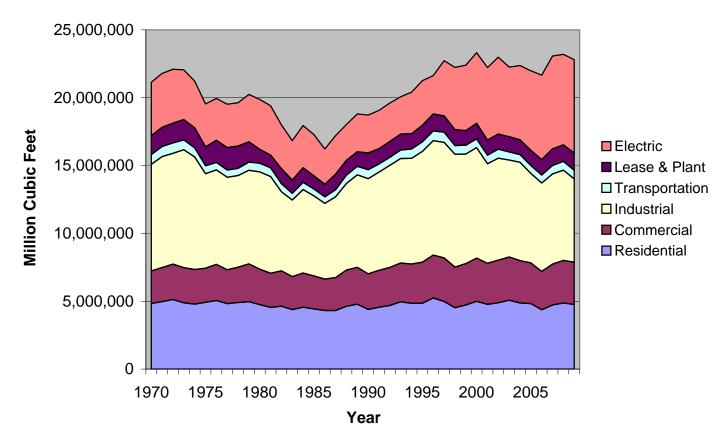


Source: Institute for Regional Forecasting

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## Natural Gas Consumption/Demand by Type of End-Use Million Cubic Feet February 2011

				Trans-	Lease &	Electric	Total
Year	Residential	Commercial	Industrial	portation	Plant	Utilities	Consumption
1975	4,924,124	2,508,293	6,968,267	582,963	1,396,277	3,157,669	19,537,593
1980	4,752,082	2,610,895	7,171,661	634,622	1,026,438	3,681,595	19,877,293
1985	4,433,377	2,432,382	5,901,288	503,766	966,047	3,044,083	17,280,943
1990	4,391,324	2,622,721	7,018,414	660,086	1,236,392	2,794,110	18,723,047
1995	4,850,318	3,031,077	8,163,880	704,920	1,220,168	3,287,571	21,257,934
2000	4,996,178	3,182,468	8,142,239	642,209	1,150,947	5,206,324	23,333,116
2004	4,868,797	3,128,972	7,242,837	566,187	1,097,904	5,463,762	22,388,975
2005	4,826,775	2,998,920	6,597,330	584,026	1,111,517	5,869,145	22,010,596
2006	4,368,466	2,832,030	6,512,115	584,213	1,141,977	6,222,100	21,684,641
2007	4,722,358	3,012,904	6,648,063	621,364	1,226,386	6,841,408	23,097,140
2008	4,872,107	3,135,852	6,650,276	647,958	1,223,786	6,668,379	23,226,612
2009	4,763,528	3,113,823	6,138,350	637,194	1,269,508	6,886,502	22,840,765



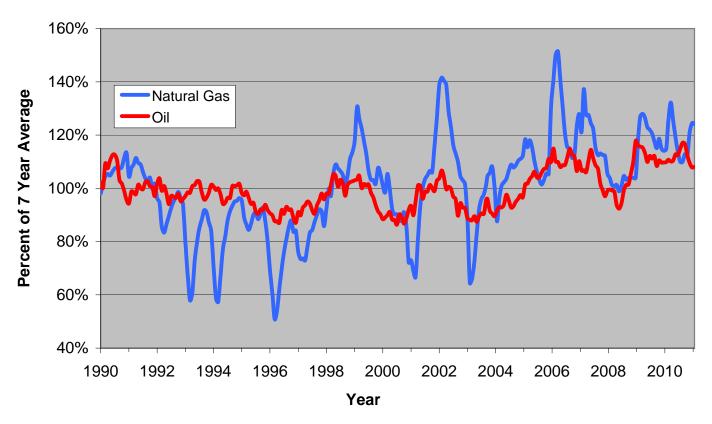
Source: Energy Information Administration

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## Oil and Natural Gas Inventories Annual Averages and as a Percent of the 7 Year Average\* February 2011

	Oil Stocks		<b>Gas Storage</b>				% of	<b>Natural Gas</b>	% of
	Avg./Mo.	Percent	Avg./Mo.	Percent		Oil Stocks	7 Year	Storage	7 Year
Year	(000 bbl)	Change	Billion cf	Change	Month	(000 bbl)	Average*	Billion cf	Average*
2000	287,765	-10.43%	1,847	-18.76%	2010-03	355,359	110.75%	1,662	125.50%
2001	310,003	7.73%	2,026	9.73%	2010-04	360,677	110.07%	2,012	132.24%
2002	306,557	-1.11%	2,367	16.82%	2010-05	358,372	110.43%	2,421	125.63%
2003	280,682	-8.44%	1,936	-18.22%	2010-06	362,665	112.76%	2,741	119.12%
2004	288,608	2.82%	2,192	13.21%	2010-07	355,127	112.50%	2,967	113.81%
2005	317,362	9.96%	2,290	4.47%	2010-08	355,377	114.96%	3,150	110.01%
2006	333,812	5.18%	2,652	15.81%	2010-09	360,115	117.14%	3,500	109.99%
2007	323,913	-2.97%	2,603	-1.83%	2010-10	365,803	116.69%	3,847	112.89%
2008	306,982	-5.23%	2,362	-9.27%	2010-11	350,596	112.41%	3,773	112.31%
2009	347,404	13.17%	2,786	17.96%	2010-12	332,000	109.49%	3,428	121.09%
2010	352,506	1.47%	2,793	0.25%	2011-01	337,627	107.88%	2,670	124.50%
					2011-02	345,378	108.10%	1,982	124.11%

<sup>\*</sup> Percent of the Average of the Same Month's Ending Inventories over the Preceeding 7 Years



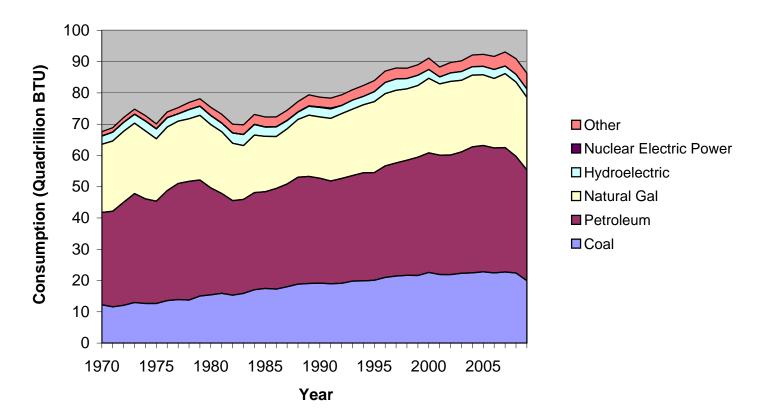
Source: Energy Information Administration

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To download the data for this chart, click here.

## U.S. Energy Consumption/Demand by Type of Energy Quadrillion British Thermal Units February 2011

				Hydro-				
			Natural	Electric &	Nuclear	Misc. & Other	Total	
Year	Coal	Petroleum	Gas	Geothermal	<b>Electric</b>	Renewable	Energy	
1970	12.26	29.52	21.79	2.63	0.24	1.39	67.84	
1975	12.66	32.73	19.95	3.15	1.90	1.60	72.00	
1980	15.42	34.20	20.24	2.90	2.74	2.63	78.13	
1985	17.48	30.92	17.70	2.97	4.08	3.19	76.34	
1990	19.17	33.55	19.60	3.05	6.10	3.10	84.58	
1995	20.09	34.44	22.67	3.21	7.08	3.54	91.02	
2000	22.58	38.26	23.82	2.81	7.86	3.63	98.98	
2005	22.80	40.39	22.58	2.70	8.16	3.85	100.49	
2006	22.45	39.96	22.22	2.87	8.22	4.16	99.88	
2007	22.75	39.77	23.63	2.45	8.46	4.50	101.55	
2008	22.42	37.29	23.78	2.45	8.43	5.02	99.38	
2009	19.95	35.44	23.21	2.62	8.32	5.07	94.61	

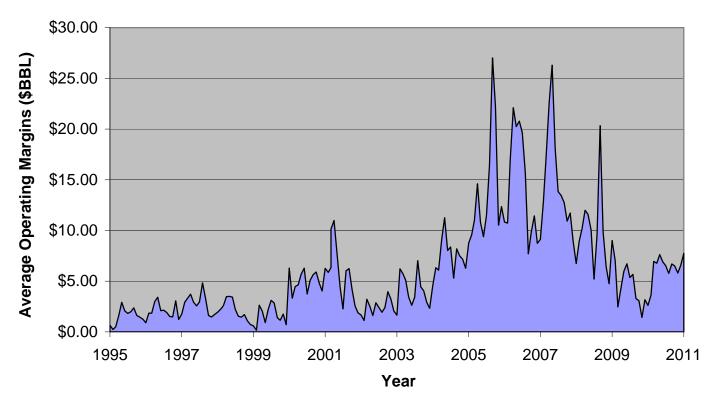


Source: Energy Information Administration

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## Average Refining Cash Operating Margin Weighted By Crude Inputs In Four U.S. Regions February 2011

	Annual		
	Margin		Margins
Year	Average	Month	(\$ BBL)
2000	\$4.99	2010-02	\$3.63
2001	\$5.60	2010-03	\$6.95
2002	\$2.42	2010-04	\$6.77
2003	\$4.08	2010-05	\$7.62
2004	\$7.34	2010-06	\$6.91
2005	\$13.67	2010-07	\$6.52
2006	\$14.57	2010-08	\$5.77
2007	\$14.82	2010-09	\$6.70
2008	\$9.65	2010-10	\$6.49
2009	\$4.79	2010-11	\$5.80
2010	\$6.03	2010-12	\$6.57
		2011-01	\$7.74



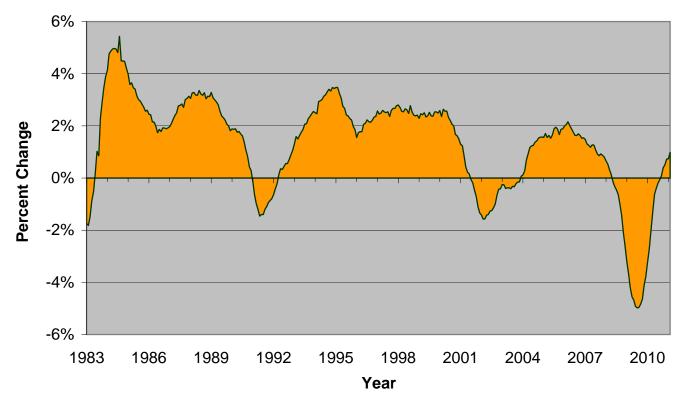
Source: Oil & Gas Journal/Muse, Stancil & Co./Institute for Regional Forecasting

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Total U.S. Nonagricultural Wage and Salary Employment
Seasonally Adjusted
February 2011

Year	Annual Average Millions	Percent Change	Month	Employment (Millions)	Percent Change*
2000	131.794	2.17%	03-2010	129.438	-1.97%
2001	131.830	0.03%	04-2010	129.715	-1.27%
2002	130.340	-1.13%	05-2010	130.173	-0.63%
2003	129.996	-0.26%	06-2010	129.981	-0.39%
2004	131.419	1.09%	07-2010	129.932	-0.20%
2005	133.694	1.73%	08-2010	129.873	-0.07%
2006	136.092	1.79%	09-2010	129.844	0.09%
2007	137.587	1.10%	10-2010	130.015	0.39%
2008	136.778	-0.59%	11-2010	130.108	0.51%
2009	130.789	-4.38%	12-2010	130.260	0.73%
2010	129.822	-0.74%	01-2011	130.232	0.74%
* Change from sa	me period of previo	ous year	02-2011	130.515	0.98%

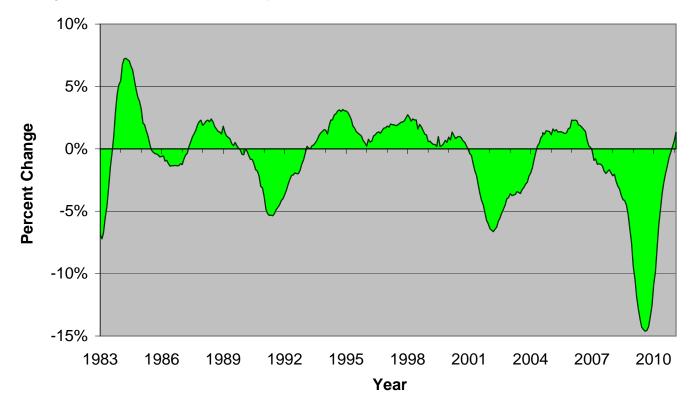


Source: Institute for Regional Forecasting

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### Total U.S. Goods-Producing Employment Seasonally Adjusted February 2011

V	Annual Average	Percent	Manualla	Employment	Percent
Year	(Millions)	Change	Month	(Millions)	Change*
2000	24.65	0.76%	03-2010	17.70	-7.97%
2001	23.87	-3.16%	04-2010	17.76	-6.05%
2002	22.55	-5.52%	05-2010	17.76	-4.81%
2003	21.82	-3.27%	06-2010	17.76	-3.55%
2004	21.88	0.29%	07-2010	17.79	-2.66%
2005	22.19	1.41%	08-2010	17.79	-1.95%
2006	22.53	1.55%	09-2010	17.78	-1.34%
2007	22.23	-1.34%	10-2010	17.79	-0.70%
2008	21.33	-4.04%	11-2010	17.79	-0.25%
2009	18.55	-13.01%	12-2010	17.80	0.18%
2010	17.76	-4.28%	01-2011	17.83	0.65%
* Change from sa	me period of previo	us year	02-2011	17.90	1.33%



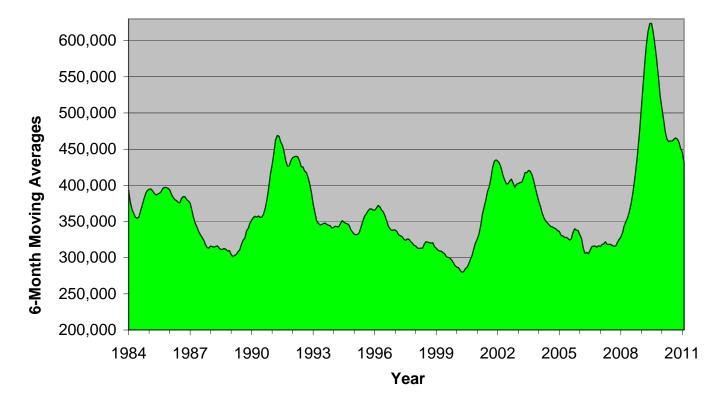
Source: Institute for Regional Forecasting

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To download the data for this chart, click here.

### U.S. Initial Claims of Unemployment Seasonally Adjusted February 2011

Year	Average of Monthly Claims	Percent Change	Month	Weekly Claims	Change From Previous Month
2000	302,688	1.90%	03-2010	448,000	-22,500
2001	407,396	34.59%	04-2010	463,250	15,250
2002	401,904	-1.35%	05-2010	457,600	-5,650
2003	402,192	0.07%	06-2010	467,250	9,650
2004	342,783	-14.77%	07-2010	459,000	-8,250
2005	332,108	-3.11%	08-2010	487,000	28,000
2006	310,883	-6.39%	09-2010	458,750	-28,250
2007	321,671	3.47%	10-2010	455,000	-3,750
2008	419,954	30.55%	11-2010	431,500	-23,500
2009	573,858	36.65%	12-2010	414,250	-17,250
2010	456,192	-20.50%	01-2011	427,400	13,150
	,		02-2011	396,333	-31,067

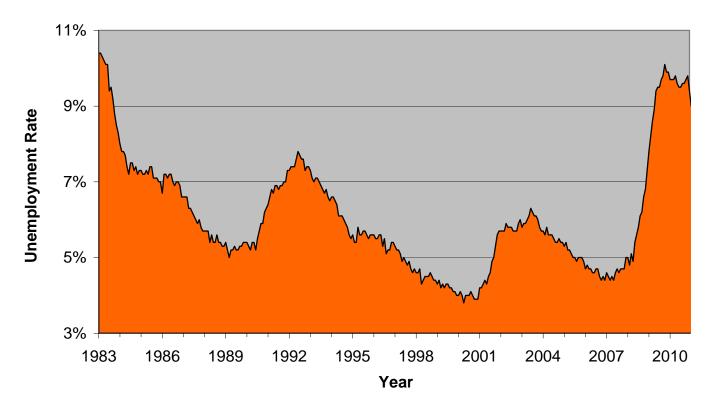


Source: Bureau of Labor Statistic/Institute for Regional Forecasting

For more information about this series click here. To download the data for this chart, click here.

U.S. Unemployment Rate Seasonally Adjusted February 2011

	Average Annual		Unemployment
Year	Rate	Month	Rate
1998	4.5%	2010-02	9.7%
1999	4.2%	2010-03	9.7%
2000	4.0%	2010-04	9.8%
2001	4.8%	2010-05	9.6%
2002	5.8%	2010-06	9.5%
2003	6.0%	2010-07	9.5%
2004	5.5%	2010-08	9.6%
2005	5.1%	2010-09	9.6%
2006	4.6%	2010-10	9.7%
2007	4.6%	2010-11	9.8%
2008	5.8%	2010-12	9.4%
2009	8.0%	2011-01	9.0%
2010	9.6%	2011-02	8.9%



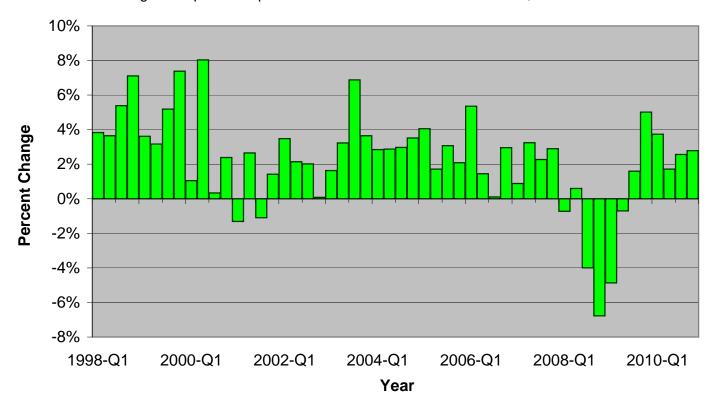
Source: U.S. Bureau of Labor Statistics

For more information about this series click here.

To download the data for this chart, click here.

### U. S. Real Gross Domestic Product In Chained 2005 Dollars at Seasonally Adjusted Annual Rates February 2011

	Quarterly				
	Average	Percent		GDP	Percent
Year	( Billions)	Change	Quarter	( Billions)	Change*
2000	11,226.0	4.14%	2008-Q1	13,339.2	-0.73%
2001	11,347.2	1.08%	2008-Q2	13,359.0	0.60%
2002	11,553.0	1.81%	2008-Q3	13,223.5	-4.00%
2003	11,840.7	2.49%	2008-Q4	12,993.7	-6.77%
2004	12,263.8	3.57%	2009-Q1	12,832.6	-4.87%
2005	12,638.4	3.05%	2009-Q2	12,810.0	-0.70%
2006	12,976.2	2.67%	2009-Q3	12,860.8	1.60%
2007	13,228.9	1.95%	2009-Q4	13,019.0	5.01%
2008	13,228.8	0.00%	2010-Q1	13,138.8	3.73%
2009	12,880.6	-2.63%	2010-Q2	13,194.9	1.72%
2010	13,245.6	2.83%	2010-Q3	13,278.5	2.56%
* Annualized of	hange from previous	s quarter	2010-Q4	13,370.1	2.79%



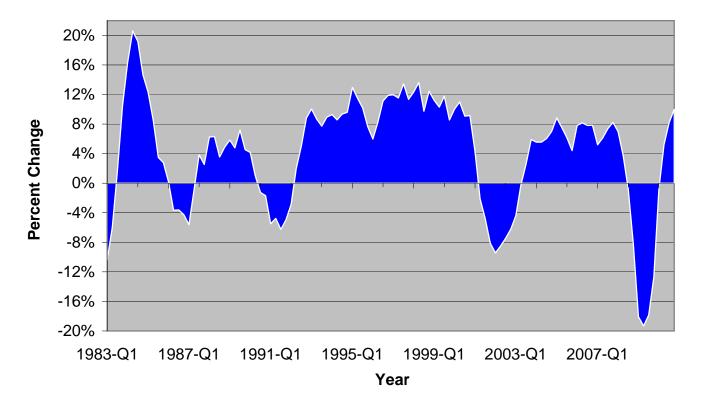
Source: Bureau of Labor Statistic/Institute for Regional Forecasting

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#### Real Private Nonresidential Fixed Investment Chained 2005 Dollars, Seasonally Adjusted February 2011

	Quarterly				
	Average	Percent		Investment	Percent
Year	( Billions)	Change	Quarter	( Billions)	Change*
2000	1,318.5	9.80%	2008-Q1	1,603.7	6.98%
2001	1,281.8	-2.79%	2008-Q2	1,597.0	3.76%
2002	1,180.2	-7.93%	2008-Q3	1,561.5	-0.80%
2003	1,191.0	0.92%	2008-Q4	1,464.2	-8.25%
2004	1,263.0	6.05%	2009-Q1	1,313.7	-18.08%
2005	1,347.3	6.68%	2009-Q2	1,288.3	-19.33%
2006	1,453.9	7.91%	2009-Q3	1,282.9	-17.84%
2007	1,552.0	6.75%	2009-Q4	1,278.3	-12.69%
2008	1,556.6	0.29%	2010-Q1	1,302.6	-0.84%
2009	1,290.8	-17.08%	2010-Q2	1,355.3	5.20%
2010	1,362.9	5.59%	2010-Q3	1,388.0	8.19%
* Change from sa	me period of previo	us year	2010-Q4	1,405.9	9.98%



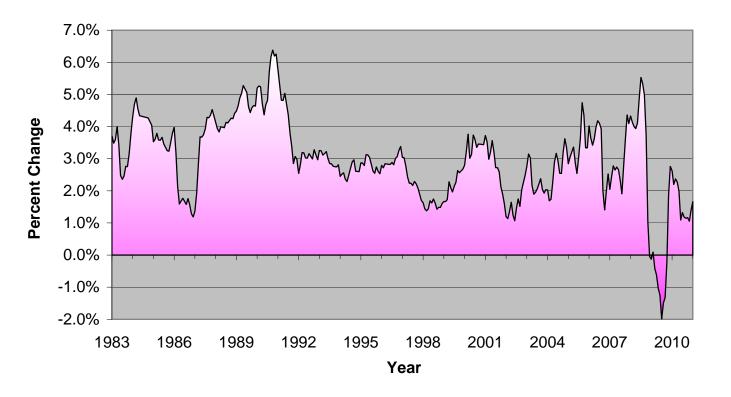
Source: Federal Reserve Bank of St. Louis

For more information about this series click here.

To download the data for this chart, click here.

### U.S. Consumer Price Index All Urban Consumers, 1982-84 =100 February 2011

Year	Annual Average Index	Percent Change	Month	Index	Percent Change*
2000	172.19	3.37%	02-2010	217.56	2.20%
2001	177.04	2.82%	03-2010	217.61	2.37%
2002	179.87	1.60%	04-2010	217.63	2.27%
2003	184.00	2.30%	05-2010	217.32	1.99%
2004	188.91	2.67%	06-2010	216.87	1.09%
2005	195.27	3.37%	07-2010	217.62	1.32%
2006	201.56	3.22%	08-2010	218.07	1.18%
2007	207.34	2.87%	09-2010	218.43	1.14%
2008	215.25	3.82%	10-2010	218.97	1.17%
2009	214.55	-0.33%	11-2010	219.24	1.05%
2010	218.08	1.65%	12-2010	220.19	1.39%
* Change from s	same period of previou	s year	01-2011	221.06	1.66%



Source: U.S. Bureau of Labor Statistics

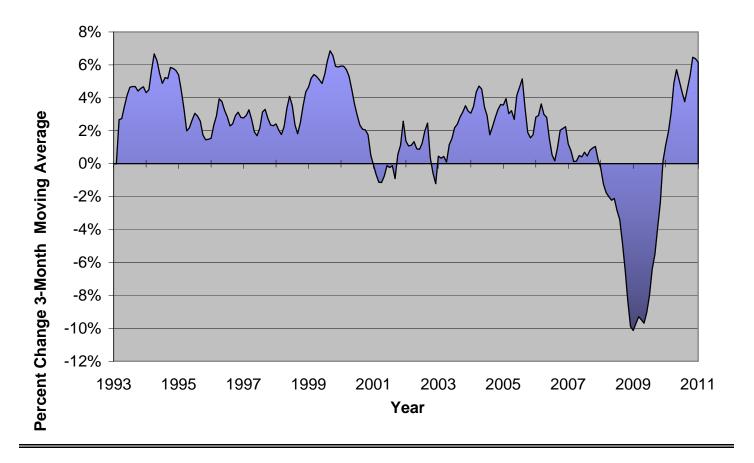
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To download the data for this chart, click here.

# U. S. Real Retail and Food Services Sales Deflated Using the Consumer Price Index for All Urban Consumers 1982-84=100 February 2011

Year	Total Sales Billions	Percent	Month	Total Sales Millions	Percent
		Change			Change*
2000	1,910.49	2.96%	03-2010	\$167,655	3.12%
2001	1,912.48	0.10%	04-2010	\$168,178	4.89%
2002	1,927.63	0.79%	05-2010	\$166,675	5.71%
2003	1,966.19	2.00%	06-2010	\$166,541	5.05%
2004	2,033.15	3.41%	07-2010	\$166,725	4.37%
2005	2,095.90	3.09%	08-2010	\$167,834	3.76%
2006	2,139.73	2.09%	09-2010	\$169,137	4.55%
2007	2,148.33	0.40%	10-2010	\$171,466	5.36%
2008	2,048.47	-4.65%	11-2010	\$172,551	6.47%
2009	1,924.55	-6.05%	12-2010	\$172,706	6.38%
2010	2,016.51	4.78%	01-2011	\$172,605	6.15%

<sup>\*</sup> Percent change of the average of the last 3 months from same months of the previous year

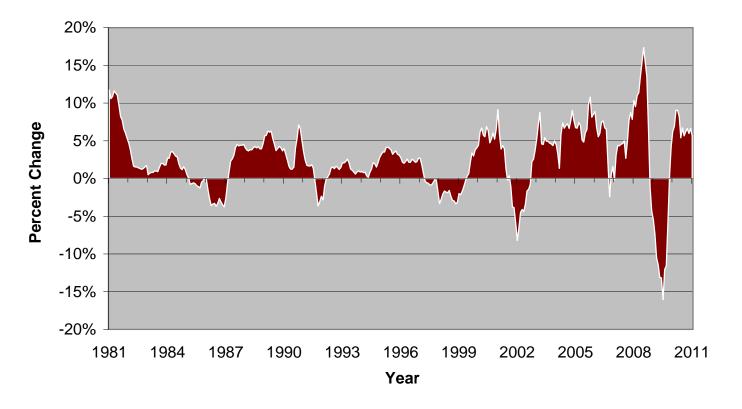


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### Producer Price Index All Commodities Not Seasonally Adjusted February 2011

Year	Annual Average	Annual Change	Month	Index	Percent Change*
2000	132.7	5.79%	02-2010	181.0	6.91%
2001	134.2	1.09%	03-2010	183.3	9.04%
2002	131.1	-2.29%	04-2010	184.4	9.05%
2003	138.1	5.35%	05-2010	184.8	8.20%
2004	146.7	6.19%	06-2010	183.5	5.40%
2005	157.4	7.31%	07-2010	184.1	6.72%
2006	164.8	4.67%	08-2010	184.9	5.66%
2007	172.7	4.80%	09-2010	184.9	6.20%
2008	189.6	9.81%	10-2010	186.8	6.62%
2009	172.9	-8.80%	11-2010	188.0	5.98%
2010	184.8	6.87%	12-2010	189.9	6.63%
* Change from sa	me period of previo	ous year	01-2011	192.2	5.66%



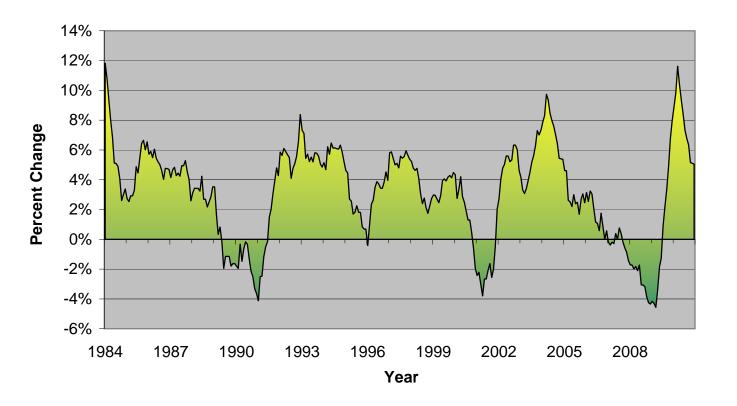
Source: U.S. Bureau of Economic Analysis

For more information about this series click here.

To download the data for this chart, click here.

### U.S. Index Of Leading Economic Indicators Seasonally Adjusted 2004 = 100 February 2011

Year	Annual Average	Annual Change	Month	Index	Percent Change*
2000	86.0	1.85%	01-2010	107.6	8.91%
2001	84.3	-1.97%	02-2010	108.0	9.87%
2002	88.6	5.13%	03-2010	109.5	11.62%
2003	93.1	5.11%	04-2010	109.5	10.38%
2004	100.0	7.38%	05-2010	110.0	9.34%
2005	102.9	2.85%	06-2010	109.8	8.39%
2006	104.6	1.66%	07-2010	110.0	7.32%
2007	104.3	-0.22%	08-2010	110.1	6.79%
2008	101.5	-2.73%	09-2010	110.8	6.33%
2009	102.0	0.48%	10-2010	110.1	5.16%
2010	109.9	7.80%	11-2010	111.3	5.10%
* Change from sa	ame period of previo	ous year	12-2010	112.4	5.05%



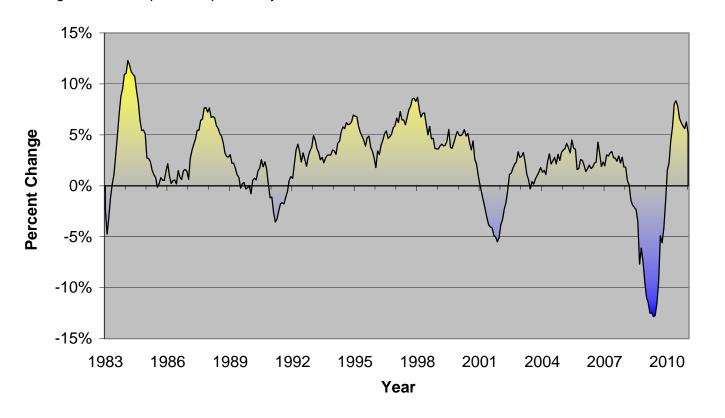
Source: U.S. Bureau of Labor Statistics

For more information about this series click here.

To download the data for this chart, click here.

### Index Of Industrial Production Seasonally Adjusted, 2007 = 100 February 2011

Year	Annual Average	Annual Change	Month	Index	Percent Change*
2000	92.0	4.0%	2010-02	90.5	2.3%
2001	88.9	-3.3%	2010-03	91.0	4.4%
2002	89.1	0.2%	2010-04	91.5	5.8%
2003	90.2	1.3%	2010-05	92.6	8.0%
2004	92.3	2.3%	2010-06	92.6	8.3%
2005	95.3	3.2%	2010-07	93.5	7.8%
2006	97.4	2.2%	2010-08	93.6	6.6%
2007	100.0	2.7%	2010-09	93.9	6.2%
2008	96.7	-3.3%	2010-10	93.8	5.9%
2009	87.7	-9.3%	2010-11	94.1	5.6%
2010	92.7	5.7%	2010-12	95.2	6.3%
* Change from sa	ame period of previo	ous year	2011-01	95.1	5.2%



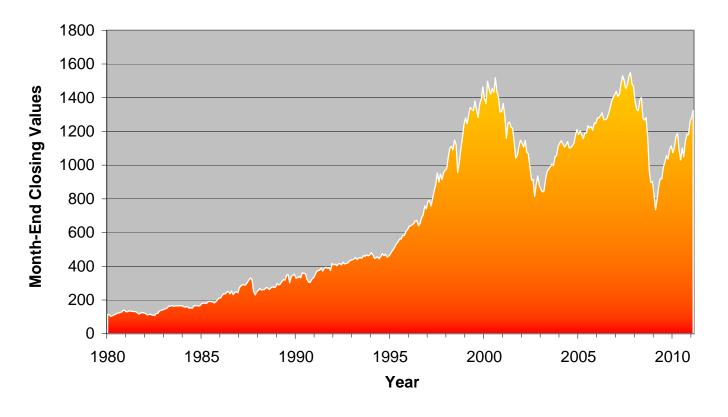
Source: U.S. Bureau of Labor Statistics

For more information about this series click here.

To download the data for this chart, click here.

### Standard & Poor's 500 Monthly Closing Index Values February 2011

Year	Annual Average	Annual % Change	Month	Month-End Closing	Percent Change *
2000	1,417.2	6.1%	2010-03	1,169.4	46.6%
2001	1,188.7	-16.1%	2010-04	1,188.7	36.2%
2002	988.6	-16.8%	2010-05	1,089.4	18.5%
2003	968.1	-2.1%	2010-06	1,030.7	12.1%
2004	1,134.0	17.1%	2010-07	1,101.6	11.6%
2005	1,207.8	6.5%	2010-08	1,049.3	2.8%
2006	1,318.3	9.2%	2010-09	1,141.2	8.0%
2007	1,478.1	12.1%	2010-10	1,183.3	14.2%
2008	1,215.2	-17.8%	2010-11	1,180.6	7.8%
2009	948.5	-21.9%	2010-12	1,257.6	12.8%
2010	1,130.8	19.2%	2011-01	1,286.1	19.8%
* Change from sar	me period of previ	ous year	2011-02	1,324.3	19.9%



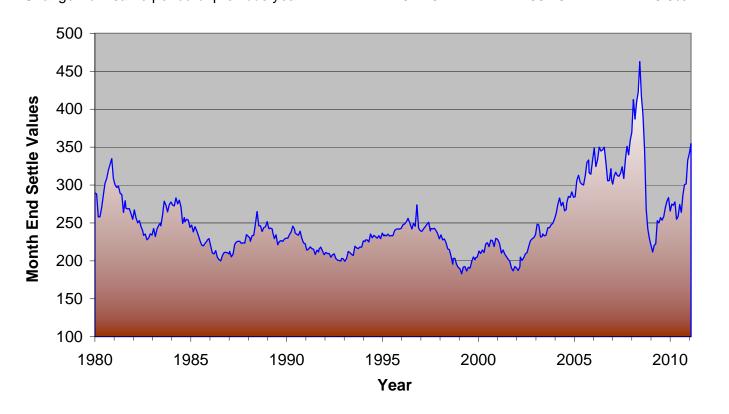
Source: Yahoo Finance

For more information about this series click here.

To download the data for this chart, click here.

# Commodity Prices Commodities Values Monthly Close February 2011

Year	Month-End Average	Annual % Change	Month	Settle Values	Percent Change *
2000	220.4	13.0%	03-2010	273.3	24.0%
2001	204.0	-7.4%	04-2010	277.7	24.9%
2002	212.4	4.2%	05-2010	254.8	0.7%
2003	241.8	13.8%	06-2010	258.5	3.4%
2004	277.0	14.5%	07-2010	274.4	6.7%
2005	312.1	12.7%	08-2010	264.1	4.1%
2006	330.5	5.9%	09-2010	286.9	10.9%
2007	323.8	-2.0%	10-2010	300.5	11.2%
2008	363.1	12.1%	11-2010	301.4	8.1%
2009	248.3	-31.6%	12-2010	332.7	17.4%
2010	280.4	12.9%	01-2011	341.4	28.6%
* Change from s	same period of previo	ous year	02-2011	354.5	29.0%



Source: Reuters/Jefferies-CRB Index (1967=100)

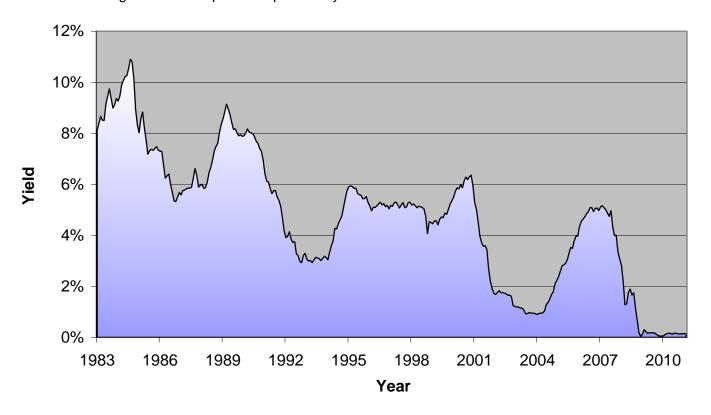
For more information about this series click here.

To download the data for this chart, click here.

### **Treasury Bills 3-Month Monthly Average Yield Constant Maturity Rate Averages of Business Days** February 2011

	Annual		
Year	Average	Month	Yield
1998	4.91%	01-2010	0.06%
1999	4.78%	02-2010	0.11%
2000	6.00%	03-2010	0.15%
2001	3.47%	04-2010	0.16%
2002	1.63%	05-2010	0.16%
2003	1.03%	06-2010	0.12%
2004	1.40%	07-2010	0.16%
2005	3.21%	08-2010	0.16%
2006	4.85%	09-2010	0.15%
2007	4.47%	10-2010	0.13%
2008	1.39%	11-2010	0.14%
2009	0.15%	12-2010	0.14%
2010	0.14%	01-2011	0.15%
ge from same perio	od of previous year	02-2011	0.13%

<sup>\*</sup> Change



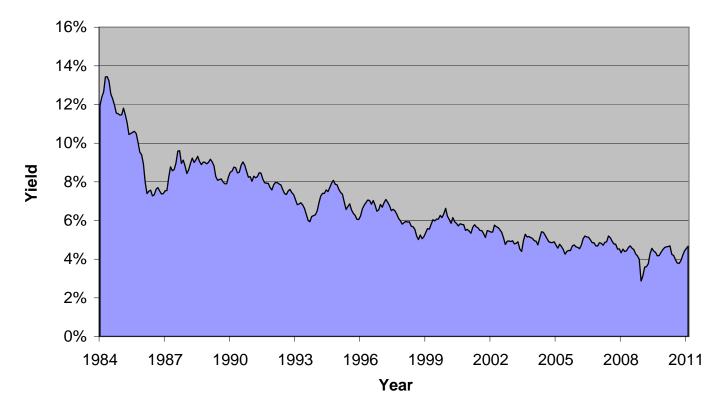
Source: Federal Reserve Bank of St. Louis

For more information about this series click here. To download the data for this chart, click here.

# 30-Year U.S. Government Treasury Bond Yields Averages Of Business Days February 2011

	Annual		
Year	Average	Month	Yield
2000	5.85%	2010-03	4.65%
2001	5.49%	2010-04	4.69%
2002	5.29%	2010-05	4.25%
2003	4.93%	2010-06	4.19%
2004	5.03%	2010-07	3.98%
2005	4.57%	2010-08	3.80%
2006	4.87%	2010-09	3.78%
2007	4.83%	2010-10	3.91%
2008	4.28%	2010-11	4.19%
2009	4.08%	2010-12	4.42%
2010	4.26%	2011-01	4.55%
age from same perior	d of previous year	2011-02	4 67%

<sup>\*</sup> Change from same period of previous year 2011-02 4.67%



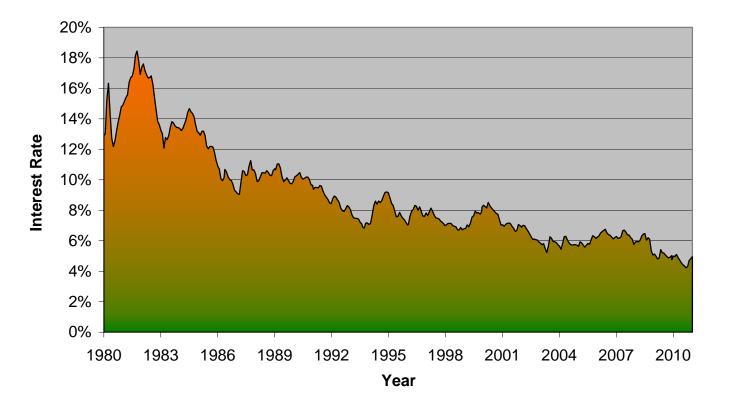
Source: Federal Reserve Bank of St. Louis

For more information about this series click here.

To download the data for this chart, click here.

# Conventional, Conforming 30-Year Fixed-Rate Mortgage Rates Not Seasonally Adjusted February 2011

	Annual	Annual		Month	Percent
Year	Average	% Change	Month	Average	Change *
2000	8.06%	8.5%	03-2010	4.97%	-0.6%
2001	6.97%	-13.5%	04-2010	5.10%	6.0%
2002	6.54%	-6.2%	05-2010	4.89%	0.6%
2003	5.82%	-11.0%	06-2010	4.74%	-12.6%
2004	5.84%	0.4%	07-2010	4.56%	-12.6%
2005	5.87%	0.4%	08-2010	4.43%	-14.6%
2006	6.41%	9.3%	09-2010	4.35%	-14.0%
2007	6.34%	-1.0%	10-2010	4.23%	-14.5%
2008	6.04%	-4.7%	11-2010	4.30%	-11.9%
2009	5.04%	-16.5%	12-2010	4.71%	-4.5%
2010	4.69%	-7.0%	01-2010	4.76%	-5.5%
* Change from sa	me period of previ	ous year	02-2011	4.95%	-0.8%



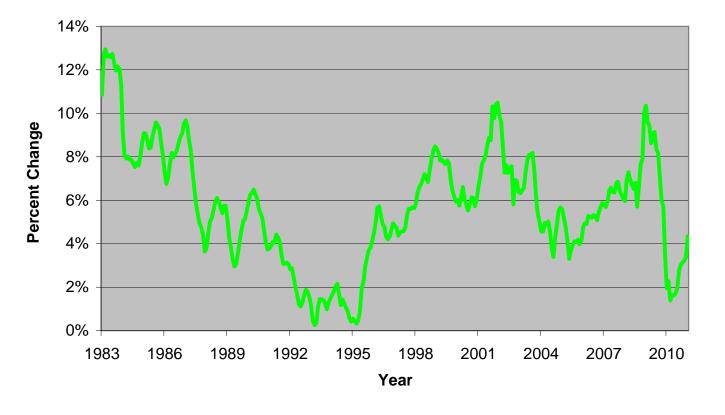
Source: Federal Home Loan Mortgage Corporation

For more information about this series click here.

To download the data for this chart, click here.

M2 - U.S. Money Supply Seasonally Adjusted February 2011

Year	Average Supply (Billions)	Percent Change	Month	Supply (Billions)	Percent Change *
2000	\$4,781.92	6.0%	02-2010	\$8,537.10	2.3%
2001	\$5,199.03	8.7%	03-2010	\$8,515.20	1.4%
2002	\$5,592.41	7.6%	04-2010	\$8,527.20	1.6%
2003	\$5,977.64	6.9%	05-2010	\$8,568.30	1.6%
2004	\$6,257.12	4.7%	06-2010	\$8,599.10	1.7%
2005	\$6,523.08	4.3%	07-2010	\$8,615.30	1.9%
2006	\$6,865.82	5.3%	08-2010	\$8,660.80	2.8%
2007	\$7,298.51	6.3%	09-2010	\$8,708.60	3.0%
2008	\$7,750.52	7.1%	10-2010	\$8,748.40	3.1%
2009	\$8,370.12	7.9%	11-2010	\$8,785.80	3.2%
2010	\$8,598.12	2.3%	12-2010	\$8,816.40	3.4%
* Change from same period of previous year		s year	01-2011	\$8,837.70	4.3%



Source: Federal Reserve Bank

For more information about this series click here. To download the data for this chart, click here.

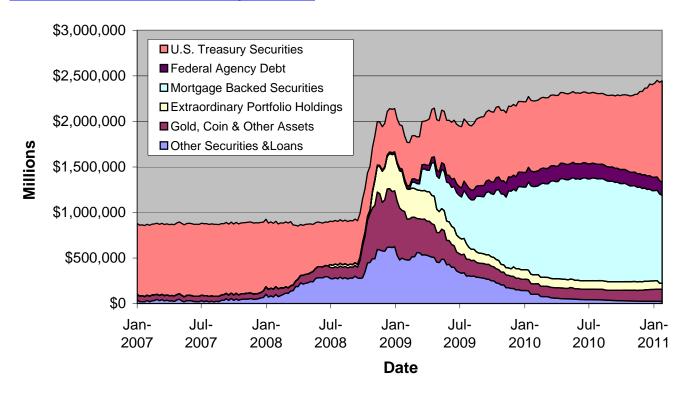
### Assets Held by All Federal Reserve Banks February 2011

**Securities Held Outright (1)** 

•	U.S.	Federal Agency	Mortgage-	Extraordinary	Other Misc.	
Weekly	Treasury	Debt	Backed	<b>Portfolio</b>	Securities	Gold, Coin &
Averages	Securities (2)	Securities (2)	Securities (3)	Holdings (4)	& Loans (5)	Other Assets
Jan-Jun 05	\$719,811	\$0	\$0	\$0	\$25,574	\$62,897
Jul-Dec 05	\$735,076	\$0	\$0	\$0	\$16,640	\$62,254
Jan-Jun 06	\$756,440	\$0	\$0	\$0	\$25,484	\$61,940
Jul-Dec 06	\$769,078	\$0	\$0	\$0	\$26,875	\$60,357
Jan-Jun 07	\$783,788	\$0	\$0	\$0	\$24,443	\$59,029
Jul-Dec 07	\$781,614	\$0	\$0	\$0	\$40,341	\$60,119
Jan-Jun 08	\$613,156	\$0	\$0	\$0	\$179,205	\$90,193
Jul-Dec 08	\$477,711	\$8,035	\$0	\$139,701	\$405,609	\$348,122
Jan-Jun 09	\$526,334	\$54,834	\$231,024	\$292,089	\$484,236	\$381,475
Jul-Dec 09	\$748,503	\$130,601	\$698,561	\$112,934	\$241,277	\$157,086
Jan-Jun 10	\$776,721	\$166,373	\$1,057,192	\$97,309	\$69,624	\$116,180
Jul-Dec 10	\$840,453	\$153,702	\$1,073,769	\$92,069	\$30,962	\$119,704

Click here to see the notes for this data series.

Click here to see explanation of Pages 73 & 74

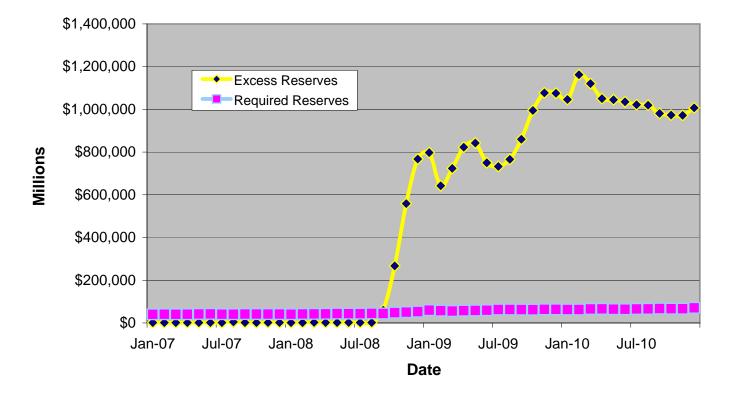


Source: Federal Reserve Board

For more information about this series click he To download the data for this chart, click here.

### Excess & Required Reserves By Depository Institutions February 2011

	Excess		Required			Excess		Required	
	Reserves	%	Reserves	%		Reserves	%	Reserves	%
Year	(\$ Millions)	Change	(\$ Millions)	Change	Month	(\$ Millions)	Change	(\$ Millions)	Change
2000	1,217.1	-0.9%	38,696.8	-7.0%	2010-01	1,045,935	229.3%	63,060	5.4%
2001	2,784.1	128.8%	38,833.4	0.4%	2010-02	1,161,998	844.9%	62,792	8.5%
2002	1,460.5	-47.5%	38,520.3	-0.8%	2010-03	1,120,517	554.1%	65,447	17.0%
2003	1,807.8	23.8%	40,870.0	6.1%	2010-04	1,050,339	221.3%	66,029	14.2%
2004	1,642.3	-9.2%	44,108.7	7.9%	2010-05	1,044,907	175.4%	64,505	10.3%
2005	1,741.9	6.1%	44,005.9	-0.2%	2010-06	1,035,031	177.7%	64,227	7.6%
2006	1,675.6	-3.8%	42,033.9	-4.5%	2010-07	1,021,713	138.4%	65,449	4.0%
2007	1,878.3	12.1%	41,187.2	-2.0%	2010-08	1,019,584	106.2%	66,023	4.6%
2008	139,023.1	7301.7%	46,521.2	13.0%	2010-09	980,856	61.7%	67,504	7.8%
2009	840,288.3	504.4%	60,899.0	30.9%	2010-10	973,549	25.3%	66,668	7.5%
2010	1,036,134.7	23.3%	65,997.5	8.4%	2010-11	972,017	7.4%	66,693	4.8%
* Ch	ange from sam	ne period o	f previous yea	ar	2010-12	1,007,170	6.5%	70,636	10.9%
Click h	nere to see exp	lanation of	Pages 73 &	74					



Source: Federal Reserve Board

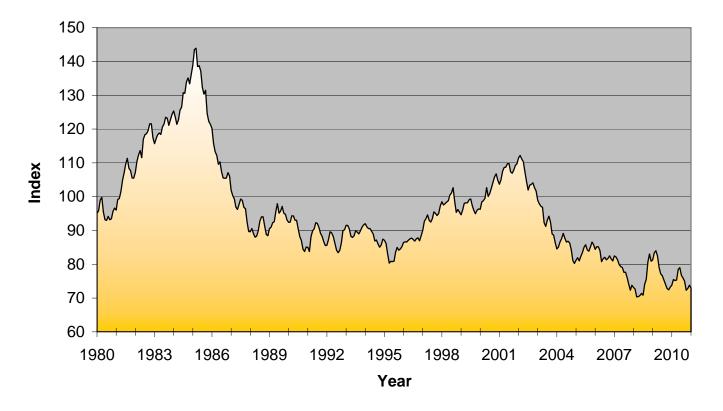
For more information about this series click here.

To download the data for this chart, click here.

### Value of the U.S. Dollar

# Based upon Subset of Broad Index of Currencies Widely Circulated Outside U.S. February 2011

Year	Annual Average	Annual Change	Month	Monthly Value	Percent Change *
2000	101.75	4.9%	2010-02	75.49	-9.5%
2001	107.84	6.0%	2010-03	75.18	-10.5%
2002	106.19	-1.5%	2010-04	75.35	-8.6%
2003	93.16	-12.3%	2010-05	78.44	-0.8%
2004	85.51	-8.2%	2010-06	79.00	2.4%
2005	83.86	-1.9%	2010-07	76.74	0.2%
2006	82.61	-1.5%	2010-08	75.93	0.8%
2007	77.96	-5.6%	2010-09	74.99	1.2%
2008	74.48	-4.5%	2010-10	72.32	-0.7%
2009	77.66	4.3%	2010-11	72.84	0.6%
2010	75.32	-3.0%	2010-12	73.81	0.7%
* Change from sa	me period of previo	ous year	2011-01	72.95	-1.2%



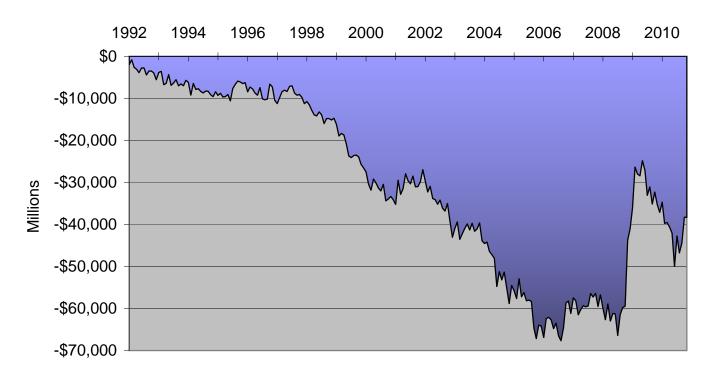
Source: Federal Reserve Board of Governors

For more information about this series click here. To download the data for this chart, click here.

### Trade Balance: Goods and Services, Balance of Payments Basis Seasonally Adjusted February 2011

Year	Balance (Millions)	Percent Change	Month	Balance (Millions)	Percent Change *
2000	-\$378,780	-43.4%	2010-01	-\$34,698	3.8%
2001	-\$364,391	3.8%	2010-02	-\$39,770	-50.9%
2002	-\$420,529	-15.4%	2010-03	-\$39,557	-41.2%
2003	-\$494,188	-17.5%	2010-04	-\$40,620	-42.8%
2004	-\$609,348	-23.3%	2010-05	-\$42,045	-69.2%
2005	-\$714,178	-17.2%	2010-06	-\$49,988	-84.2%
2006	-\$759,240	-6.3%	2010-07	-\$42,756	-29.2%
2007	-\$702,099	7.5%	2010-08	-\$46,759	-50.5%
2008	-\$698,801	0.5%	2010-09	-\$44,455	-26.4%
2009	-\$374,906	46.4%	2010-10	-\$38,278	-18.5%
2010	-\$497,825	-32.8%	2010-11	-\$38,316	-8.6%
* Change from sa	ame period of previo	us year	2010-12	-\$40,583	-9.3%

Year

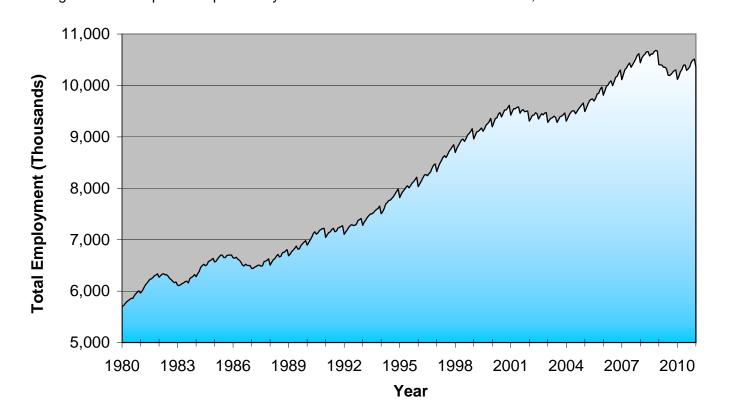


Source: U.S. Department of Commerce: Bureau of Economic Analysis

For more information about this series click here. To download the data for this chart, click here.

# Total Texas Nonagricultural Wage and Salary Employment February 2011

	Annual					
	Average	Percent		<b>Employment</b>	Percent	
Year	(Thousands)	Change	Month	(Thousands)	Change*	
2000	9,431.63	3.0%	2010-02	10,178.30	-2.1%	-
2001	9,513.74	0.9%	2010-03	10,266.70	-1.2%	
2002	9,415.75	-1.0%	2010-04	10,313.00	-0.4%	
2003	9,369.84	-0.5%	2010-05	10,395.40	0.4%	
2004	9,496.89	1.4%	2010-06	10,398.40	0.7%	
2005	9,740.25	2.6%	2010-07	10,293.10	0.9%	
2006	10,066.03	3.3%	2010-08	10,321.80	1.3%	
2007	10,394.91	3.3%	2010-09	10,364.50	1.4%	
2008	10,607.00	2.0%	2010-10	10,449.40	1.9%	
2009	10,307.19	-2.8%	2010-11	10,492.20	2.0%	
2010	10,342.02	0.3%	2010-12	10,512.90	2.1%	
* Change from s	ame period of previou	ıs year	2011-01	10,360.00	2.4%	

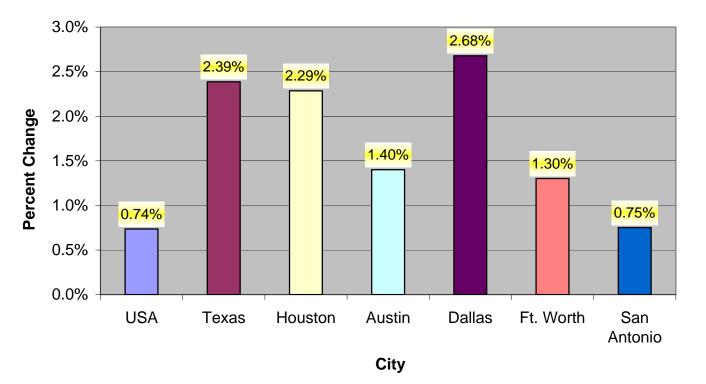


Source: Texas Workforce Commission/U.S. Bureau of Labor Statistics

For more information about this series click here. To download the data for this chart, click here.

# Comparative Emplyoyment Growth Percent Change from Same Period of Previous Year February 2011

Date	USA	Texas	Houston	Austin	Dallas	Ft. Worth	San Antonio
1999-12	2.49%	2.17%	0.78%	6.02%	3.13%	3.43%	2.50%
2000-12	1.50%	2.73%	2.63%	5.04%	3.40%	2.56%	2.06%
2001-12	-1.33%	-1.11%	0.16%	-3.46%	-3.06%	-1.87%	-0.29%
2002-12	-0.41%	-0.31%	-0.14%	-0.87%	-1.74%	-0.49%	0.78%
2003-12	0.07%	-0.06%	-0.51%	-0.20%	-0.96%	-0.01%	-0.11%
2004-12	1.57%	2.02%	1.65%	3.44%	1.97%	2.83%	1.16%
2005-12	1.89%	3.21%	3.60%	3.68%	3.19%	2.53%	4.32%
2006-12	1.53%	3.32%	4.38%	5.90%	3.30%	3.52%	3.32%
2007-12	0.79%	3.11%	3.45%	3.31%	2.71%	2.34%	3.16%
2008-12	-2.63%	0.47%	1.02%	0.72%	-1.33%	-0.67%	0.38%
2009-12	-3.53%	-3.49%	-3.91%	-2.59%	-3.25%	-3.08%	-2.72%
2010-12	0.87%	2.25%	0.52%	2.00%	1.40%	0.98%	0.84%
2011-01	0.74%	2.39%	2.29%	1.40%	2.68%	1.30%	0.75%



Source: Institute for Regional Forecasting

For more information about this series click here.

To download the data for this chart, click here.

# Houston Relative Power Index Differential Growth Rate - Houston vs U.S. February 2011

	Power		Power
Year	Index	Month	Index
2000-12	1.13%	2010-02	-0.22%
2001-12	1.49%	2010-03	-0.13%
2002-12	0.27%	2010-04	0.32%
2003-12	-0.57%	2010-05	0.46%
2004-12	0.08%	2010-06	0.48%
2005-12	1.71%	2010-07	0.80%
2006-12	2.84%	2010-08	1.10%
2007-12	2.66%	2010-09	1.18%
2008-12	3.63%	2010-10	1.11%
2009-12	-0.46%	2010-11	1.21%
2010-12	1.11%	2010-12	1.11%
* Change from same period	of previous year	1900-01	1.55%

<sup>10%</sup> 8% Relaive Percent Job Growth 6% 4% 2% 0% -2% -4% -6% -8% -10% 1981 1984 1987 1990 1993 1996 1999 2002 2005 2008 Year

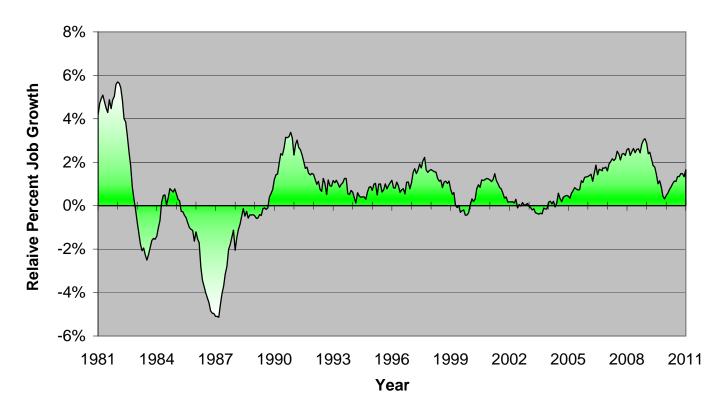
Source: Institute for Regional Forecasting

For more information about this series click here.
To download the data for this chart, click here.

### **Texas Relative Power Index** Differential Growth Rate - Texas vs U.S. February 2011

	Power		Power
Year	Index	Month	Index
2000-12	1.23%	2010-02	0.58%
2001-12	0.17%	2010-03	0.74%
2002-12	0.10%	2010-04	0.87%
2003-12	-0.15%	2010-05	1.01%
2004-12	0.47%	2010-06	1.13%
2005-12	1.32%	2010-07	1.11%
2006-12	1.78%	2010-08	1.34%
2007-12	2.31%	2010-09	1.34%
2008-12	3.08%	2010-10	1.48%
2009-12	0.31%	2010-11	1.47%
2010-12	1.33%	2010-12	1.33%
nge from same period of	previous year	2011-01	1.65%

<sup>\*</sup> Change

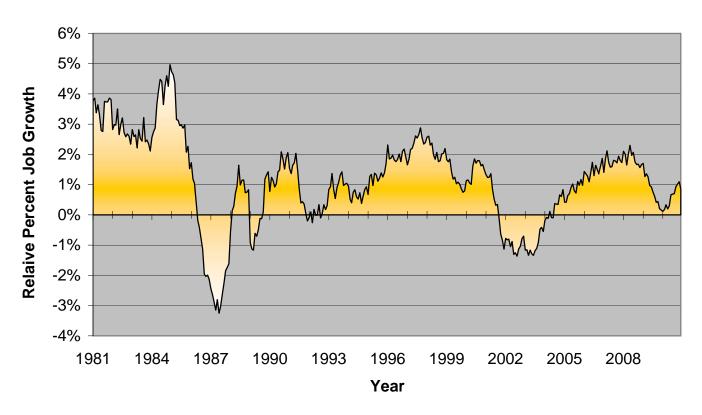


U.S. Department of Commerce: Bureau of Economic Analysis

For more information about this series click here. To download the data for this chart, click here.

# Dallas/Ft Worth Relative Power Index Differential Growth Rate - Dallas/Ft. Worth vs U.S. February 2011

		Power		Power
	Year	Index	Month	Index
	2000-12	1.48%	2010-02	0.18%
	2001-12	-1.13%	2010-03	0.33%
	2002-12	-0.70%	2010-04	0.20%
	2003-12	-0.55%	2010-05	0.29%
	2004-12	0.83%	2010-06	0.67%
	2005-12	0.98%	2010-07	0.69%
	2006-12	1.87%	2010-08	0.70%
	2007-12	1.73%	2010-09	0.93%
	2008-12	1.66%	2010-10	1.01%
	2009-12	0.16%	2010-11	1.09%
	2010-12	0.85%	2010-12	0.85%
* Change fro	m same period of p	orevious year	2011-01	1.25%



Source: Institute for Regional Forecasting

For more information about this series click here.

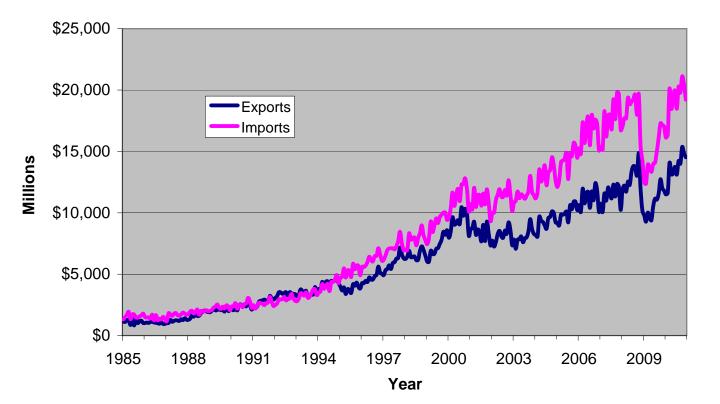
To download the data for this chart, click here.

### **Trade with Mexico**

### U.S. Monthly Exports To Mexico And Imports From Mexico **Not Seasonally Adjusted** February 2011

#### Annual Sum Of Annual Sum Of

	Exports	Imports		Exports	Imports
Year	(Millions)	(Millions)	Month	(Millions)	(Millions)
2001	\$101,294	\$131,339	2010-02	\$11,629	\$16,400
2002	\$97,470	\$134,616	2010-03	\$14,062	\$20,106
2003	\$97,097	\$138,075	2010-04	\$13,139	\$18,464
2004	\$110,775	\$155,842	2010-05	\$13,191	\$19,343
2005	\$120,049	\$170,198	2010-06	\$13,746	\$19,955
2006	\$134,167	\$198,259	2010-07	\$13,109	\$18,478
2007	\$136,541	\$210,799	2010-08	\$14,228	\$20,269
2008	\$151,539	\$215,915	2010-09	\$14,008	\$19,780
2009	\$128,998	\$176,536	2010-10	\$15,353	\$21,106
2010	\$163,321	\$229,685	2010-11	\$14,840	\$20,456
* Change from sa	ame period of previo	ous vear	2010-12	\$14.520	\$19.211



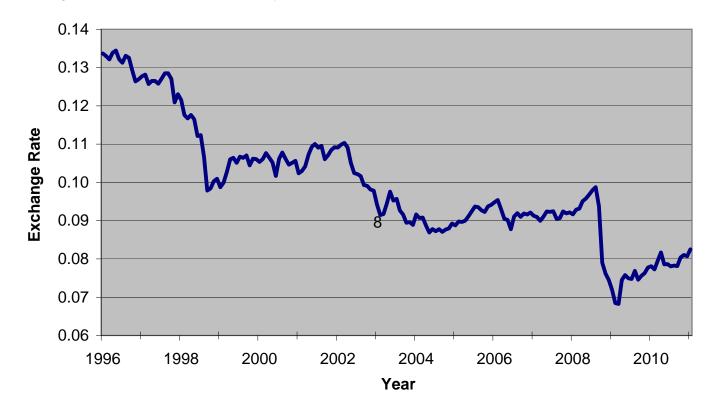
Source: U.S. Department of Commerce: Bureau of Economic Analysis

For more information about this series click here. To download the data for this chart, click here.

### **Trade with Mexico**

U.S. Dollar — Mexican Peso Exchange Rate February 2011

Year	Pesos/ Dollar	Dollars/ Peso	Month	Pesos/ Dollar	Dollars/ Peso
2000	9.466	0.106	2010-03	12.569	0.080
2001	9.341	0.107	2010-04	12.240	0.082
2002	9.665	0.103	2010-05	12.726	0.079
2003	10.794	0.093	2010-06	12.714	0.079
2004	11.286	0.089	2010-07	12.812	0.078
2005	10.896	0.092	2010-08	12.776	0.078
2006	10.900	0.092	2010-09	12.799	0.078
2007	10.929	0.091	2010-10	12.441	0.080
2008	11.158	0.090	2010-11	12.341	0.081
2009	13.508	0.074	2010-12	12.390	0.081
2010	12.629	0.079	2011-01	12.118	0.083
* Change from sa	me period of previ	ous year	2011-02	12.066	0.083



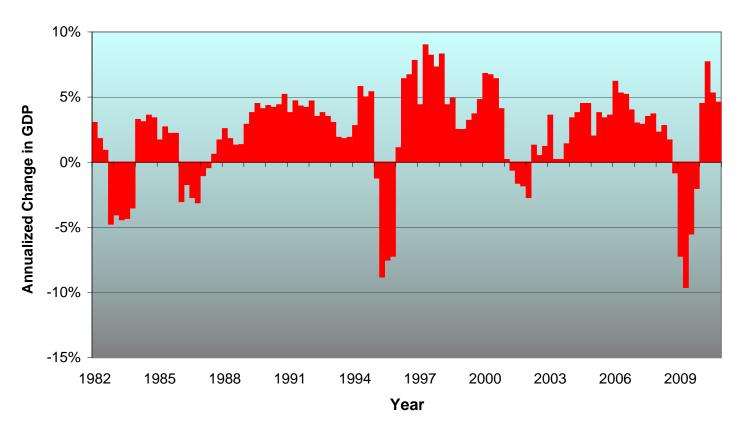
Source: Federal Reserve Bank of Dallas

For more information about this series click here. To download the data for this chart, click here.

### **Trade with Mexico**

Gross Domestic Product - Mexico Real Annual Growth (2003 Prices) February 2011

	Annual GDP		GDP
Year	<b>Growth Rate</b>	Quarter	Growth Rate
2000	7.2%	2008-2Q	2.8%
2001	0.5%	2008-3Q	1.7%
2002	-0.3%	2008-4Q	-0.8%
2003	1.5%	2009-1Q	-7.2%
2004	3.9%	2009-2Q	-9.6%
2005	2.7%	2009-3Q	-5.5%
2006	1.4%	2009-4Q	-2.0%
2007	3.3%	2010-1Q	4.5%
2008	1.5%	2010-2Q	7.7%
		2010-3Q	5.3%
		2010-4Q	4.6%



Source: International Monetary Fund

For more information about this series click here.

To download the data for this chart, click here.

#### Area Employment

## TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** U.S. Bureau of Labor Statistics/Institute for Regional Forecasting. **Description:** The aggregate number of non-agricultural jobs in the Houston PMSA, being the sum of the 11 broad divisions presented on pages 10-20. **Revisions:** Previous month revised with each new release; complete series are revised annually in February by BLS. **Frequency:** Monthly.

Note: The Houston Standard Metropolitan Statistical Area (SMSA) consists of Ft. Bend, Harris, Liberty, Montgomery and Waller Counties; the Primary Metropolitan Statistical Area (PMSA) consists of the SMSA plus Chambers County, the Consolidated Metropolitan Statistical Area (CMSA) consists of the PMSA plus Brazoria and Galveston counties; and the new Metropolitan Statistical Area (MSA), based on the 2000 Census, consists of the CMSA plus Austin and San Jacinto counties. However, for our employment series IRF takes measures to remove the latter two counties so the data are more consistent with the old CMSA Definition.

#### ECONOMIC BASE EMPLOYMENT, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** Institute for Regional Forecasting. **Description:** Employment in the export producing sectors of the Houston area economy. This series is calculated by the Institute for Regional Forecasting from monthly employment data reported by the TWC and the BLS. **Revisions:** Previous month revised with each new release; complete series are revised annually in February by BLS. **Frequency:** Monthly.

#### SECONDARY SECTOR EMPLOYMENT, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** Institute for Regional Forecasting. **Description:** Employment, which does not generate exports for the Houston area. This series is calculated by the Institute for Regional Forecasting from monthly employment data reported by the TWC and the BLS. **Revisions:** Previous month revised with each new release; complete series are revised annually in February by BLS. **Frequency:** Monthly.

### RATIO SECONDARY TO BASE EMPLOYMENT, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** Institute for Regional Forecasting. **Description:** Data in table on Page 3 divided by the corresponding data in table on Page 2. **Revisions:** Previous month revised with each new release; complete series revised annually in February by BLS. **Frequency:** Monthly.

#### ENERGY DEPENDENT BASE EMPLOYMENT, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** Institute for Regional Forecasting. **Description:** The part of base employment which exists because of hydrocarbon related industries. This series is calculated by the Institute for Regional Forecasting from monthly employment data reported by the TWC and the BLS. **Revisions:** Previous month revised with each new release; complete series are revised annually in February by BLS. **Frequency:** Monthly.

# ENERGY DEPENDENT - UPSTREAM EMPLOYMENT, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** Institute for Regional Forecasting. **Description:** Employment in sectors pertaining to unrefined hydrocarbons and is primarily related to the exploration, production and transfer of crude oil and natural gas. This series is calculated by the Institute for Regional Forecasting from monthly employment data reported by the TWC and the BLS. **Revisions:** Previous month revised with each new release; complete series are revised annually in February by BLS. **Frequency:** Monthly.

# ENERGY DEPENDENT - DOWNSTREAM EMPLOYMENT, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** Institute for Regional Forecasting. **Description:** Employment figures in sectors related to refining and finished hydrocarbon products. This series is calculated by the Institute for Regional Forecasting from monthly employment data reported by the TWC and the BLS. **Revisions:** Previous month revised with each new release; complete series are revised annually in February by BLS. **Frequency:** Monthly.

#### ENERGY INDEPENDENT BASE EMPLOYMENT, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** Institute for Regional Forecasting. **Description:** The part of base employment which does not owe is existence to hydrocarbon-related industries. This series is calculated by the Institute for Regional Forecasting from monthly employment data reported by the TWC the BLS. **Revisions:** Previous month revised with each new release; complete series are revised annually in February by BLS. **Frequency:** Monthly.

# ECONOMIC DIVERSIFICATION – PERCENT OF NONENERGY BASE TO BASE EMPLOYMENT

**Source:** Institute for Regional Forecasting. **Description:** The ratio of energy independent base employment to the total base employment. This series indicates how Houston's economy has diversified since the early 1980s and is calculated by the Institute for Regional Forecasting from monthly employment data reported by the TWC and the BLS. **Revisions:** Previous month revised with each new release; complete series are revised annually in February by BLS. **Frequency:** Monthly.

#### **EMPLOYMENT SECTORS, HOUSTON-SUGAR LAND-BAYTOWN MSA**

Natural Resources and Mining/Construction/Durable Goods Manufacturing/Non-Durable Goods Manufacturing/Retail Trade Employment/Wholesale Trade/Transportation, Warehousing and Utilities/Information/Financial Activities/Services/Government.

**Source:** U. S. Bureau of Labor Statistics. **Description:** Industrial classification refers to the grouping of reporting establishments into industries on the basis of their major production activity. The 11 sectors reported in the DATABook represent the broadest grouping inclusive of all non-agricultural activities. Agriculture, forestry, and fishing constitute the 12th sector, or agricultural sector, completing the coverage of the North American Industry Classification system.

**Revisions:** Previous month revised with each new release; complete series are revised annually in February by BLS. **Frequency:** Monthly.

# TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT, SEASONALLY ADJUSTED, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** U.S. Bureau of Labor Statistics. **Description:** Institute for Regional Forecasting procures the employment data from the TWC and adjusts for seasonal variation. This makes it easier to view month-to-month changes. **Revisions:** Monthly. **Frequency:** Monthly.

# HOUSTON UNEMPLOYMENT RATE, NOT SEASONALLY ADJUSTED, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** U.S. Bureau of Labor Statistics. **Description:** This series is the unemployment rate for all civilian workers in Houston. It represents the number of unemployed civilian workers as a percent of the civilian labor force. **Revisions:** Previous month revised with each new release; series revision occurs annually in March. **Frequency:** Monthly.

#### Area Forecasts

#### **EMPLOYMENT AND POPULATION FORECASTS**

Employment, Employment Share, Share of Employment Growth, Employment Growth Rate, Population, Population Share, Share of Population Growth, Population Growth Rate Source: Dr. Barton Smith, Professor Emeritus, University of Houston. Description: Dr. Smith calculates the share of the CMSA population and employment for each of the encompassing counties since 1970 and projects the shares through 2040. Revisions: Annually. Frequency: Annually

#### Area Indicators

#### BEA ESTIMATED POPULATION, HOUSTON-SUGAR LAND-BAYTOWN MSA 2000

**Source:** U.S. Bureau of Economic Analysis. **Description:** Population data originates with the US Bureau of the Census - decennial censuses and annual surveys. **Revisions:** Annually.

Frequency: Annually.

#### ESTIMATED PERSONAL INCOME, HOUSTON-SUGAR LAND-BAYTOWN MSA 2000

**Source**: U.S. Bureau of Economic Analysis. **Description**: The personal income of an area is defined as the income received by, or on behalf of, all the residents of the area. It consists of income received by persons from all sources. **Revisions**: Annually. **Frequency**: Annually. Because of the two-year lag in BEA data, IRF estimates the most recent two years of this data series.

#### **HOUSTON CONSUMER PRICE INDEX, ALL URBAN CONSUMERS, 1982-84 = 100**

**Source:** U.S. Bureau of Labor Statistics. **Description:** A measure of the change in price of a basket of goods of constant quantity and quality, purchased at the retail level, and exclusive of taxes, personal property taxes, and life insurance premiums.

Revisions: None. Frequency: Bimonthly.

#### RETAIL SALES, HOUSTON-SUGAR LAND-BAYTOWN MSA 2000

**Source:** U. S. Bureau of Labor Statistics. **Description:** Figures are after controlling for variations

in the average quality of houses sold each year. Revisions: Quarterly.

Frequency: Quarterly.

# DOMESTIC AND INTERNATIONAL PASSENGER FLIGHTS HOUSTON AIRPORT SYSTEM, HOUSTON-SUGAR LAND-BAYTOWN MSA

**Source:** Houston Airport System & Greater Houston Partnership. **Description:** The number of deplaned and enplaned passengers transported into and out of the Houston Airport System.

Revisions: Monthly. Frequency: Monthly.

#### Area Real Estate

#### **RESIDENTIAL BUILDING PERMITS, HOUSTON MSA**

**Source:** U.S. Bureau of Census. **Description:** Single-family and multi-family building permits data originates with the US Bureau of the Census - decennial censuses and annual surveys.

Revisions: Monthly. Frequency: Monthly.

#### **ESTIMATED NEW REAL ESTATE SUPPLY - RESIDENTIAL, HOUSTON MSA**

**Source:** Institute for Regional Forecasting. **Description:** Single family and multi-family net additions to housing stock. Series do not reflect units removed from the housing inventory.

Revisions: Annually. Frequency: Annually.

#### **RESIDENTIAL VACANCY RATES - ALL HOUSING, HOUSTON PMSA**

**Source:** Institute for Regional Forecasting. **Description:** A measure of vacancy determined by estimating both the stock of housing and number of households. The results are consistent with those practiced by the Bureau of the Census. **Revisions:** Annually. **Frequency:** Semi-annually.

#### MLS SALES, HOUSTON METROPOLITAN AREA

**Source:** Houston Association of Realtors. **Description:** The number of MLS listings closed by REALTORS® on the Multiple Listing Service. **Revisions:** Monthly. **Frequency:** Monthly.

#### **HOUSTON QUARTERLY HOME PRICE INDEX, 1980 Q4 = 1**

**Source:** Institute for Regional Forecasting. **Description:** An estimation of the level of housing prices in the Houston area based on approximately 1200 observations per quarter. **Revisions:** Annually. **Frequency:** Quarterly.

#### HARRIS COUNTY FORECLOSURES

**Source**: Foreclosure Listing Service. **Description**: Foreclosures, both business and residential. Data is retrieved from county records. **Revisions**: None. **Frequency**: Monthly.

#### MULTI-FAMILY RESIDENTIAL SUPPLY AND DEMAND, HOUSTON PMSA

**Source:** Institute for Regional Forecasting. **Description:** The change in multi-family residential units available in the Houston PMSA and the change in the number of occupied units therein.

Revisions: Semi-annually. Frequency: Annually.

# GREATER HOUSTON APARTMENT MARKET – TOTAL HARRIS COUNTY, SEPARATELY METERED APARTMENTS

**Source:** O'Connor & Associates/Institute for Regional Forecasting. **Description:** Rental rates

from spring survey of apartments. Electricity paid by resident. Revisions: None.

Frequency: Annually.

#### OFFICE BUILDING SUPPLY AND DEMAND, HOUSTON PMSA

**Source:** Institute for Regional Forecasting. **Description:** The change in the square footage of office buildings available in the Houston PMSA and the change in the amount of square footage occupied therein. **Revisions:** Semi-annually. **Frequency:** Annually

#### OFFICE BUILDING EMPLOYMENT—HOUSTON PMSA

**Source:** Institute for Regional Forecasting. **Description:** The number of employees working for firms or agencies occupying office buildings located in the Houston PMSA. **Revisions:** Semi-annually. **Frequency:** Annually.

#### National Real Estate

#### **U.S. HOUSING AFFORDABILITY, COMPOSITE INDEX**

**Source:** National Association of Realtors/Institute for Regional Forecasting. **Description:** Measures whether or not a typical family could qualify for a mortgage loan on a typical home, where the typical family earns the national median family income and the typical home is the national median priced single-family house. Qualification depends on the monthly payments given the mortgage interest rate, which is the effective rate on loans closed on existing homes during the reporting period. **Revisions:** Monthly. **Frequency:** Monthly.

#### U.S. PRIVATELY-OWNED HOUSING STARTS, SEASONALLY ADJUSTED ANNUAL RATES

**Source:** U.S. Census Bureau/Department of Housing and Urban Development. **Description:** Privately-owned housing starts of 1 unit, 2-4 units and 5 or more family units in structures at seasonally adjusted annualized rates. **Revisions:** Monthly. **Frequency:** Monthly.

## NEW U.S. ONE-FAMILY RESIDENTIAL HOUSE SALES, SEASONALLY ADJUSTED ANNUAL RATES

**Source:** U.S. Census Bureau/Department of Housing and Urban Development. **Description:** Sales of new one-family houses at seasonally adjusted annualized rates. **Revisions:** Monthly. **Frequency:** Monthly.

#### **Energy Indicators**

#### **ROTARY RIG COUNT - MONTHLY WORKING, UNITED STATES**

Source: Baker Hughes, Inc. Revisions: Monthly. Frequency: Monthly.

#### REEDHYCALOG© RIG UTILIZATION RATE, RATIO OF ACTIVE TO AVAILABLE RIGS

**Source:** National Oilwell Varco. **Description:** Ratio of active rigs to available rigs. Active must be drilling or have drilled within 30 days prior to census. Available must be able to go to work within 30 days without capital expenditure exceeding \$50,000. **Revisions:** Annually. **Frequency:** Annually.

#### AVERAGE MONTHLY POSTED PRICE, WEST TEXAS INTERMEDIATE CRUDE

**Source:** Sunoco Logistics. **Description:** Monthly average of daily per barrel price postings of

West Texas Intermediate Crude. No adjustments for gravity. **Revisions:** None.

Frequency: Monthly.

#### REAL POSTED PRICE, WEST TEXAS INTERMEDIATE CRUDE

**Source:** Institute for Regional Forecasting. **Description:** This is the posted price for West Texas Intermediate Crude oil divided by CPI (Page 43). Over time, it is important to view a series of prices, which are adjusted for inflation. **Frequency:** This series will be maintained on an annual basis along with the most current month's value.

#### **GROWTH IN DEMAND FOR PETROLEUM, WORLD WIDE DAILY CONSUMPTION**

**Source:** Institute for Regional Forecasting. **Description:** Prices determined by a survey of producers. **Revisions:** None. **Frequency:** Monthly.

#### **WELLHEAD PRICE, NATURAL GAS**

**Source:** Institute for Regional Forecasting. **Description:** Prices determined by a survey of producers. **Revisions:** None. **Frequency:** Monthly.

#### NATURAL GAS CONSUMPTION/DEMAND BY TYPE OF END-USE

**Source:** Energy Information Administration. **Description:** U.S. natural gas consumption by the residential commercial, industrial, transportation, electrical power and other sectors. **Revisions:** Monthly. **Frequency:** Monthly.

# OIL AND NATURAL GAS INVENTORIES, ANNUAL AVERAGES AND AS A PERCENT OF THE 7 YEAR AVERAGE

**Source:** Energy Information Administration. **Description:** For crude oil, the average annual stock in million barrels in storage per month. For natural gas, the average working gas levels in billion cubic feet in storage per month. For both oil and gas, the percentage of the average of the same month's ending inventories over the preceding seven years. **Revisions:** Monthly. **Frequency:** Monthly.

# U.S. ENERGY CONSUMPTION/DEMAND BY TYPE OF ENERGY, QUADRILLION BRITISH THERMAL UNITS

**Source:** Energy Information Administration, and Department of Energy. **Description:** Energy consumed as powered by coal, petroleum, natural gas, hydroelectric/geothermal, nuclear and other sources. **Revisions:** Annually. **Frequency:** Annually.

# AVERAGE REFINING CASH OPERATING MARGIN, WEIGHTED BY CRUDE INPUTS IN FOUR U.S. REGIONS

**Source:** Oil & Gas Journal/Muse, Stancil & Co./Institute for Regional Forecasting. **Description:** Aggregate average cash operating margin of the four major U.S. major refining regions weighted by crude inputs into those regions. **Revisions:** Previous month revised with each new release. **Frequency:** Monthly.

#### **National Indicators**

# TOTAL U.S. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT, SEASONALLY ADJUSTED

**Source:** Institute for Regional Forecasting. **Description:** BLS cooperates with State employment security agencies in a survey collecting data each month on employment, hours, and earnings from a sample of nonagricultural establishments (including government). **Revisions:** Previous month revised with each new release; series revisions occur annually in March. **Frequency:** Monthly.

#### TOTAL U.S. GOODS-PRODUCING EMPLOYMENT, SEASONALLY ADJUSTED

**Source:** Institute for Regional Forecasting. **Description:** BLS cooperates with State employment security agencies in a survey collecting data each month and aggregates the manufacturing, mining and construction sectors of total nonagricultural employment into this series. **Revisions:** Previous month revised with each new release; series revisions occur annually in March. **Frequency:** Monthly.

#### U.S. INITIAL CLAIMS OF UNEMPLOYMENT - SEASONALLY ADJUSTED

**Source:** U.S. Department of Labor/Institute for Regional Forecasting. **Description:** Aggregate initial filings of claims for unemployment insurance at state employment agencies.

Revisions: Weekly. Frequency: Weekly.

#### U.S. UNEMPLOYMENT RATE, SEASONALLY ADJUSTED

**Source:** U.S. Bureau of Labor Statistics. **Description:** This series is the unemployment rate for all civilian workers. It represents the number of unemployed civilian workers as a percent of the civilian labor force. **Revisions:** Previous month revised with each new release; series revisions occur annually in March. **Frequency:** Monthly.

# U.S. REAL GROSS DOMESTIC PRODUCT, IN CHAINED 2005 DOLLARS AT SEASONALLY ADJUSTED ANNUAL RATES

**Source:** U.S. Bureau of Labor Statistics/Institute for Regional Forecasting. **Description:** The Gross Domestic Product is the appropriate measure for domestic short-term monitoring and analysis of the U.S. economy; it is consistent with indicators such as employment. **Revisions:** Monthly. **Frequency:** Quarterly.

# REAL PRIVATE NONRESIDENTIAL FIXED INVESTMENT, CHAINED 2005 DOLLARS, SEASONALLY ADJUSTED ANNUAL RATE

**Source:** Federal Reserve Bank of St. Louis. **Description:** Measures the business segments (plants, equipment and structures) of total investment, which is a major component of U.S. real GDP. **Revisions:** Monthly. **Frequency:** Quarterly.

#### U.S. CONSUMER PRICE INDEX, ALL URBAN CONSUMERS, 1982-84 = 100

**Source:** U.S. Bureau of Labor Statistics. **Description:** A measure of the change in price of a basket of goods of constant quantity and quality, purchased at the retail level, and exclusive of taxes, personal property taxes, and life insurance premiums. **Revisions:** None. **Frequency:** Monthly.

# U.S. REAL RETAIL AND FOOD SERVICES SALES, DEFLATED USING THE CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS, 1982-84 = 100

**Source:** Federal Reserve Bank of St. Louis. **Description:** Seasonally adjusted series deflated using the consumer price index for all urban consumers, 1982-84 = 100. **Revisions:** Monthly. **Frequency:** Monthly.

**U.S. INDEX OF LEADING ECONOMIC INDICATORS, SEASONALLY ADJUSTED 2004 = 100 Source:** U.S. Bureau of Economic Analysis. **Description:** An index of twelve leading economic indicators for the U.S. These are indicators whose movements usually precede the changes in the overall economy. Included are measures of employment, consumption, investment, construction, the money supply and others. **Revisions:** Irregular. **Frequency:** Monthly.

#### INDEX OF INDUSTRIAL PRODUCTION, SEASONALLY ADJUSTED, 2007 = 100

**Source:** U. S. Bureau of Labor Statistics. **Description:** The index measures monthly changes in the physical output of the manufacturing, mining, and gas and electric utility industries. The series is seasonally adjusted. The base year is 1987 (1987=100). **Revisions:** None. **Frequency:** Monthly.

#### STANDARD & POOR'S 500, MONTHLY CLOSING INDEX VALUES

**Source:** Yahoo Finance. **Description:** The index is calculated by Standard & Poor's. The series is based on daily closing prices for the month. The price of each stock is weighted by the number of shares. The shares are all traded on the New York Stock Exchange. The base year is 1941-43 (1941-43=10). **Revisions:** None. **Frequency:** Monthly.

#### COMMODITY PRICES, COMMODITIES VALUES MONTHLY CLOSE

**Source**: Reuters/Jefferies-CRB Index (1967=100). **Description**: CRB index is based on the futures prices for a broad range of frequently traded commodities. **Revisions**: Monthly.

Frequency: Monthly.

# TREASURY BILLS 3-MONTH MONTHLY AVERAGE YIELD, CONSTANT MATURITY RATE AVERAGESOF BUSINESS DAYS

**Source:** Federal Reserve Bank of St. Louis. **Description:** This series is a monthly average of

Treasury Bill interest rates determined from the Treasury auctions.

Revisions: None. Frequency: Monthly.

#### 30-YEAR U.S. GOVERNMENT TREASURY BOND YIELDS, AVERAGES OF BUSINESS DAYS

**Source:** Federal Reserve Bank of St. Louis. **Description:** A monthly average of daily interest rates on a portfolio of Treasury bonds selected so as to have constant maturity. **Revisions:** None. **Frequency:** Monthly.

# CONVENTIONAL, CONFORMING 30-YEAR FIXED-RATE MORTGAGE RATES, NOT SEASONALLY ADJUSTED

**Source:** Federal Home Loan Mortgage Corporation. **Description:** The monthly average rate for 30-year fixed rate conventional mortgages in the primary mortgage market – not seasonally adjusted. **Revisions:** Monthly. **Frequency:** Monthly.

#### M2 - U.S. MONEY SUPPLY, SEASONALLY ADJUSTED

**Source:** Federal Reserve Bank. **Description:** Sum of currency, travelers' checks, demand deposits other checkable deposits, overnight RPs and EuroDollars, MMMF balances, MMDA and savings and small time deposits. **Revisions:** Irregular. **Frequency:** Quarterly.

#### **ASSETS HELD BY ALL FEDERAL RESERVE BANKS**

**Source:** Federal Reserve Board of Governors. **Description:** Securities held outright, extraordinary portfolio holdings, gold, coins and other assets held by Federal Reserve Banks. **Revisions:** Previous months revised with each new release as required. **Frequency:** Monthly.

#### **EXCESS AND REQUIRED RESERVES BY DEPOSITORY INSTITUTIONS**

**Source:** Federal Reserve Board of Governors. **Description:** Excess reserves and required reserves, held by depository institutions, which are the Federal Reserve System's liabilities. **Revisions:** Previous months revised with each new release as required. **Frequency:** Monthly.

# VALUE OF THE U.S. DOLLAR, BASED UPON SUBSET OF BROAD INDEX OF CURRENCIES WIDELY CIRCULATED OUTSIDE U.S.

**Source:** Federal Reserve Bank of Governors. **Description:** The monthly average of the tradeweighted exchange value of the U.S. dollar versus a subset of the broad index of currencies that circulate widely outside of the U.S. **Revisions:** Monthly. **Frequency:** Monthly.

# TRADE BALANCE: GOODS AND SERVICES, BALANCE OF PAYMENTS BASIS, SEASONALLY ADJUSTED

**Source:** U.S. Department of Commerce: Bureau of Economic Analysis. **Description:** Exports of domestically produced goods and services minus the imports of goods and services produced in foreign countries. **Revisions:** Monthly. **Frequency:** Monthly.

#### **Texas Comparatives**

#### TOTAL TEXAS NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

**Source:** Texas Workforce Commission/U.S. Bureau of Labor Statistics. **Description:** The Institute for Regional Forecasting procures the employment data from the Texas Employment Commission and adjusts for seasonal variation. This makes it easier to view month-to-month changes. **Revisions:** Monthly. **Frequency:** Monthly.

# COMPARATIVE EMPLOYMENT GROWTH, PERCENT CHANGE FROM SAME PERIOD OF PREVIOUS YEAR

**Source:** Institute for Regional Forecasting. **Description:** Relative growth of employment in U.S., Texas and several large employment centers in Texas. **Revisions:** Monthly. **Frequency:** Monthly.

#### HOUSTON RELATIVE POWER INDEX, DIFFERENTIAL GROWTH RATE - HOUSTON VS U.S.

**Source**: Institute for Regional Forecasting. **Description**: Employment growth in Houston minus growth in the U.S. and Texas. **Revisions**: Monthly. **Frequency**: Monthly.

#### TEXAS RELATIVE POWER INDEX, DIFFERENTIAL GROWTH RATE – TEXAS VS U.S.

**Source:** U.S. Department of Commerce: Bureau of Economic Analysis. **Description:** Employment growth in Texas minus growth in the U.S. **Revisions:** Monthly. **Frequency:** Monthly.

# DALLAS/FT. WORTH RELATIVE POWER INDEX, DIFFERENTIAL GROWTH RATE – DALLAS/FT. WORTH VS U.S.

**Source:** Institute for Regional Forecasting. **Description:** Employment growth in Dallas/Ft. Worth minus growth in the U.S. and Texas. **Revisions:** Monthly. **Frequency:** Monthly.

#### Trade with Mexico

# U.S. MONTHLY EXPORTS TO MEXICO AND IMPORTS FROM MEXICO, NOT SEASONALLY ADJUSTED

**Source:** U.S. Department of Commerce: Bureau of Economic Analysis. **Revisions:** Monthly.

Frequency: Monthly.

#### U.S. DOLLAR - MEXICAN PESO, EXCHANGE RATE

**Source:** Federal Reserve Bank of Dallas. **Description:** This is a monthly average of the noon buying rate in New York City certified by the Federal Reserve Bank of New York for customs purposes for cable transfers payable in foreign currencies. Weekends and holidays are excluded from the average. **Frequency:** Monthly

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### Notes for Page 73

Notes: (1) Includes securities to dealers under the overnight securities lending facility.

- (2) Mostly face value of secrities.
- (3) Guaranteed by Fannie Mae, Freddie Mac and Ginnie Mae. Current face value of the securities, which is the remaining principal balance of the underlying securities.
- (4) Net portfolio holdings of Commercial Paper Funding Facility LLC (AIG) and net holdings of Maiden Lane LLC.
- (5) Includes repurchase agreements, term auction credit, the Term Asset-Backed Loan Facilities and other loans.

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