## HIGH LIGHTS

## PMI, Business Activity, New Orders and Production Continue to Increase in 2006

## Contents

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Backlog of Orders Index

The Backlog of Orders Index indicates growth in manufacturers' backlogs and a decline in the number of new orders manufacturers have pending. A growing Backlog of Orders Index is a sign of a growing economy.
"In January, the Backlog of Orders Index rose above 50 percent indicating that manufacturers' backlogs are once again growing. The challenges of the last few months with regard to spot shortages due to the hurricanes in the Gulf Coast appear to have subsided."
Norbert J. Ore, C.P.M., ISM Manufacturing Business Survey Committee, chair.

## Non-Manufacturing



Employment Index

ISM's Non-Manufacturing Employment Index indicates the month-to-month change in the level of employment at non-manufacturing organizations. Members are asked to report change in their entire employment range including permanent, temporary and contract employees. Employment is a critical element of most non-manufacturing businesses and other organizations because it often is the largest resource used by them and the one which makes up the largest single element of their costs of doing business. From the recessionary period in 2001, it took until July of 2003 for the Non-Manufacturing Employment Index to show any month-to-month growth in employment. This illustrates the nature of employment as a lagging indicator of economic growth.
"The ISM Non-Manufacturing Employment Index has indicated growth in non-manufacturing employment for the past 18 months. This reflects continued economic growth in the non-manufacturing sector and in the overall economy during that period."
Ralph G. Kauffman, Ph.D., C.P.M., ISM Non-Manufacturing Business Survey Committee, chair.

## JANUARY MANUFACTURING

## PMI at 54.8\%; New Orders, Production Expanding; Deliveries Slowing; Prices Increasing

Economic activity in the manufacturing sector grew in January for the 32nd consecutive month, while the overall economy grew for the 51st consecutive month, say the nation's supply executives in the latest Manufacturing ISM Report On Business ${ }^{\circledR}$.

The manufacturing sector had another good month during January as measured by the ISM data. Both New Orders and Production remain relatively strong, and the panel of respondents is generally upbeat about their business. It appears that the sector has recovered from the disruptions and dislocations caused by the hurricanes in the Gulf Coast. The Prices Index rose slightly during the month; however, the list of commodities reported "Up in Price" is significantly reduced from December.

ISM's PMI registered 54.8 percent in January. ISM's New Orders Index registered 58 percent. ISM's Production Index registered 56.6 percent in January, while the ISM Employment Index registered 51.3 percent. ISM's Supplier Deliveries Index registered 55.3 percent. ISM's Inventories Index is at 46.5 percent in January. ISM's Customers' Inventories Index registered 46 percent. ISM's Prices Index in January registered 65 percent.

ISM's Backlog of Orders Index for January increased to 53.5 percent from 49.5 percent in December. ISM's New Export Orders Index registered 58.5 percent. ISM's Imports Index is at 57 percent.

AT A GLANCE
JANUARY ISM MANUFACTURING SURVEY

| INDEX | JAN. <br> INDEX | DEC. <br> INDEX | \% POINT <br> CHANGE | DIRECTION | RATE OF <br> CHANGE | TREND* <br> (MONTHS) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| PMI | 54.8 | 55.6 | -0.8 | Growing | Slower | 32 |
| New Orders | 58.0 | 59.1 | -1.1 | Growing | Slower | 33 |
| Production | 56.6 | 57.8 | -1.2 | Growing | Slower | 33 |
| Employment | 51.3 | 53.6 | -2.3 | Growing | Slower | 8 |
| Supplier Deliveries | 55.3 | 52.9 | +2.4 | Slowing | Faster | 31 |
| Inventories | 46.5 | 47.3 | -0.8 | Contracting | Faster | 10 |
| Customers' Inventories | 46.0 | 48.0 | -2.0 | Too Low | Faster | 56 |
| Prices | 65.0 | 63.0 | +2.0 | Increasing | Faster | 6 |
| Backlog of Orders | 53.5 | 49.5 | +4.0 | Growing | From Contracting | 1 |
| New Export Orders | 58.5 | 54.3 | +4.2 | Growing | Faster | 38 |
| Imports | 57.0 | 52.8 | +4.2 | Growing | Faster | 49 |
| THE ECONOMY |  |  |  |  |  | 51 |
| Overall Economy |  |  |  | Growing | Slower | 52 |
| Manufacturing Sector |  |  |  | Growing | Slower | 32 |

THE ECONOMY

| INDEX | JAN. <br> INDEX | DEC. <br> INDEX | \% POINT <br> CHANGE | DIRECTION | RATE OF <br> CHANGE | TREND* <br> (MONTHS) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| PMI | 54.8 | 55.6 | -0.8 | Growing | Slower | 32 |
| New Orders | 58.0 | 59.1 | -1.1 | Growing | Slower | 33 |
| Production | 56.6 | 57.8 | -1.2 | Growing | Slower | 33 |
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| Prices | 65.0 | 63.0 | +2.0 | Increasing | Faster | 6 |
| Backlog of Orders | 53.5 | 49.5 | +4.0 | Growing | From Contracting | 1 |
| New Export Orders | 58.5 | 54.3 | +4.2 | Growing | Faster | 38 |
| Imports | 57.0 | 52.8 | +4.2 | Growing | Faster | 49 |
| THE ECONOMY |  |  |  |  |  | 51 |
| Overall Economy |  |  |  | Growing | Slower | 52 |
| Manufacturing Sector |  |  |  | Growing | Slower | 32 |

*Number of months moving in current direction. Indexes reflect newly released seasonal adjustment factors.


#### Abstract

Analysis by Norbert J. Ore, C.P.M., chair of the Institute for Supply Management ${ }^{\text {"' }}$ Manufacturing Business Survey Committee; and group director, strategic sourcing and procurement, GeorgiaPacific Corporation.


Data for this report was collected in January 2006.
The January report reflects the U.S. Department of Commerce's recently completed annual adjustment to the seasonal factors used to calculate the indexes.

The 13 industries reporting growth in January - listed in order — are: Apparel; Primary Metals; Miscellaneous*; Textiles; Food; Transportation \& Equipment; Fabricated Metals; Electronic Components \& Equipment; Industrial \& Commercial Equipment \& Computers; Furniture; Instruments \& Photographic Equipment; Rubber \& Plastic Products; and Chemicals.


## Report On Business ${ }^{\circ}$

## JANUARY NON-MANUFACTURING

## Business Activity at 56.8\%; New Orders Index at 56\%; Employment Index at 51.1\%

Business activity in the non-manufacturing sector increased in January 2006, say the nation's purchasing and supply executives in the latest Non-Manufacturing ISM Report On Business ${ }^{\circledR}$.
Non-manufacturing business activity increased for the 34th consecutive month in January. Business Activity and New Orders increased at slower rates in January than in December. Imports, Employment and New Export Orders also increased at slower rates while Prices increased at the same rate as in December. Eight of 16 non-manufacturing industry sectors report increased activity in January compared to 11 that reported increased activity in December. While in almost all indexes growth declined in January, they are still above the value of " 50 " indicating that growth continues, but at slower rates of growth. Members' comments in January continue to be generally positive concerning current business conditions. Several members mention concerns about the continued high level of energy prices and rising interest rates. The Prices Index held steady this month, but remains in a historically high range for the ISM Non-Manufacturing Business Survey. The overall indication in January is continued economic growth in the non-manufacturing sector, but at slower rates of increase.
ISM's Non-Manufacturing Business Activity Index registered 56.8 percent in January. The New Orders Index registered 56 percent. ISM's Non-Manufacturing Employment Index for January registered 51.1 percent. The Supplier Deliveries Index is at 54.5 percent.

## Find it at www.ism.ws

To see the full text and all the charts in the report, visit the ISM Web site at www.ism.ws and select the ISM Report On Business ${ }^{\circledR}$ link from the menu at the left. Links to regional business survey reports can be found on ISM's Web site at the same location.

Analysis by Ralph G. Kauffman, Ph.D., C.P.M., chair of the Institute for Supply Management ${ }^{\text {m" }}$ Non-Manufacturing Business Survey Committee; and coordinator of the Supply Chain Management Program, University of Houston-Downtown.

Data for this report was collected in January 2006.
The January report reflects the U.S. Department of Commerce's recently completed annual adjustment to the seasonal factors used to calculate the indexes.

ISM's Non-Manufacturing Inventories Index registered 55 percent in January. The Prices Index registered 67.2 percent. The Non-Manufacturing Backlog of Orders Index registered 52.5 percent in January. The New Export Orders Index registered 58 percent in January, and ISM's Imports Index registered 49.5 percent. The Inventory Sentiment Index registered 63 percent.

UP IN PRICE
Airfares (10); Aluminum (2); Asphalt/Asphalt Products (3); Bat teries - Automotive and Other; Beef* (3); Cement; Concrete (2); Copper (29); Copper Products (various) (3); Corn (2); Corrugated (3); \#1 Diesel Fuel (11); \#2 Diesel Fuel (13); Electricity (2); Freight Charges (7); Fuel (26); Gasoline* (26); Lumber Pine, Spruce and Treated; Metals; Natural Gas (8); Office Supplies; Paper (24); Petroleum; Petroleum Goods/Products; Plastics/Plastic Products (7); Plastic Bags (2); Postal Rates; Rental Vehicles; Roofing Materials*; Soybean Meal (2); Steel/ Steel Products (2); Tomatoes (2); and Unleaded Gasoline

DOWN IN PRICE
Beef*; Gasoline*; Memory/Memory Products; Poultry; Roofing Materials*; and Seafood/Shrimp.

IN SHORT SUPPLY
Drywall; Roofing Materials; and Stretch Film.

* Reported as both up and down in price.

Note: The number of consecutive months the commodity is listed is indicated after each item.


NON-MANUFACTURING VS. MANUFACTURING

| Non-Manufacturing |  |  |  |  |  |  | Manufacturing |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SURVEY QUESTION | JAN. INDEX | $\begin{aligned} & \text { DEC. } \\ & \text { INDEX } \end{aligned}$ | \% POINT CHANGE | DIRECTION | RATE OF CHANGE | TREND* <br> (MONTHS) | JAN. INDEX | $\begin{aligned} & \text { DEC. } \\ & \text { INDEX } \end{aligned}$ | \% POINT CHANGE |
| Business Activity/ Production | 56.8 | 61.0 | -4.2 | Increasing | Slower | 34 | 56.6 | 57.8 | -1.2 |
| New Orders | 56.0 | 62.2 | -6.2 | Increasing | Slower | 34 | 58.0 | 59.1 | -1.1 |
| Employment | 51.1 | 56.9 | -5.8 | Increasing | Slower | 18 | 51.3 | 53.6 | -2.3 |
| Supplier Deliveries | 54.5 | 56.5 | -2.0 | Slowing | Slower | 53 | 55.3 | 52.9 | +2.4 |
| Inventories | 55.0 | 56.0 | -1.0 | Increasing | Slower | 3 | 46.5 | 47.3 | -0.8 |
| Prices | 67.2 | 67.2 | 0.0 | Increasing | At Same Rate | 46 | 65.0 | 63.0 | +2.0 |
| Backlog of Orders | 52.5 | 54.0 | -1.5 | Increasing | Slower | 12 | 53.5 | 49.5 | +4.0 |
| New Export Orders | 58.0 | 61.5 | -3.5 | Increasing | Slower | 7 | 58.5 | 54.3 | +4.2 |
| Imports | 49.5 | 56.5 | -7.0 | Decreasing | From Increasing | 1 | 57.0 | 52.8 | +4.2 |
| Inventory Sentiment | 63.0 | 59.0 | +4.0 | "Too High" | Greater | 104 | N/A | N/A |  |
| Customers' Inventories | N/A | N/A |  |  |  |  | 46.0 | 48.0 | -2.0 |

Non-Manufacturing ISM Report On Business® data is seasonally adjusted for Business Activity, New Orders, Prices and Employment.
*Number of months moving in same Manufacturing ISM Report On Business ${ }^{\circledR}$ data is seasonally adjusted except for Backlog of Orders, Prices, Imports and Customers' direction.

#  <br> Report On Business ${ }^{\circledR}$ 

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NEW ORDERS


ISM's New Orders Index grew in January with a reading of 58 percent. The index is 1.1 percentage points lower than the seasonally adjusted 59.1 percent registered in December. Thirteen industries reported increases during January: Apparel; Primary Metals; Miscellaneous*; Transportation \& Equipment; Textiles; Food; Furniture; Rubber \& Plastic Products; Industrial \& Commercial Equipment \& Computers; Fabricated Metals; Electronic Components \& Equipment; Chemicals; and Paper.

PRODUCTION

| 2004 |  | 20051170 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ |  |  |  | 60 |
| $\begin{gathered} 50 \%=\text { Fed. Res. Brd. Ino } \\ \text { Index Breakeve } \end{gathered}$ | $\begin{aligned} & \text { Ind.prod. } \\ & \text { ven } \end{aligned}$ |  |  | 40 |
|  | Index | \%Better | \%Same | \%Worse |
| January | 56.6 | 29 | 55 | 16 |
| December | 57.8 | 27 | 58 | 15 |

ISM's Production Index registered 56.6 percent in January, 1.2 percentage points lower than the seasonally adjusted 57.8 percent reported in December. Of the industries reporting in January, 12 registered growth: Apparel; Textiles; Primary Metals; Food; Miscellaneous*; Paper; Electronic Components \& Equipment; Fabricated Metals; Transportation \& Equipment Instruments \& Photographic Equipment; Chemicals; and Industrial \& Commercial Equipment \& Computers.

## EMPLOYMENT



ISM's Employment Index expanded for the eighth consecutive month in January, registering 51.3 percent and compared to the seasonally adjusted 53.6 percent registered in December. The eight industries reporting growth in employment during January are: Apparel; Glass, Stone \& Aggregate; Primary Metals; Miscellaneous*; Transportation \& Equipment; Industrial \& Commercial Equipment \& Computers; Fabricated Metals; and Electronic Components \& Equipment.

## SUPPLIER DELIVERIES



|  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | Index | \%Slower | \%Same | \%Faster |
| January | 55.3 | 11 | 85 | 4 |
| December | 52.9 | 12 | 79 | 9 |

ISM's Supplier Deliveries Index for January registered 55.3 percent, an increase of 2.4 percentage points when compared to December's seasonally adjusted reading of 52.9 percent. The eight industries reporting slower supplier deliveries in January are: Miscellaneous*; Apparel; Glass, Stone \& Aggregate; Electronic Components \& Equipment; Fabricated Metals; Transportation \& Equipment; Primary Metals; and Instruments \& Photographic Equipment.


Manufacturers' inventories declined in January for the 10th consecutive month, as ISM's Inventories Index registered 46.5 percent, indicating a faster rate of liquidation when compared to December's seasonally adjusted 47.3 percent. The seven industries reporting higher inventories in January are: Textiles; Apparel; Instruments \& Photographic Equipment; Wood \& Wood Products; Furniture; Printing \& Publishing; and Food.

CUSTOMERS' INVENTORIES

|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |

The January Customers' Inventories Index is at 46 percent, 2 percentage points lower than the 48 percent reported in December. This is the 56th consecutive month that the index has registered below 50 percent. Three industries reported higher customers' inventories during January: Instruments \& Photographic Equipment; Paper; and Food.

PRICES


ISM's Prices Index registered 65 percent in January, indicating an increase in pricing activity when compared to December. In January, 14 industries reported paying higher prices: Printing \& Publishing; Furniture; Transportation \& Equipment; Chemicals; Rubber \& Plastic Products; Miscellaneous*; Industrial \& Commercial Equipment \& Computers; Glass, Stone \& Aggregate; Fabricated Metals; Food; Wood \& Wood Products; Primary Metals; Electronic Components \& Equipment; and Instruments \& Photographic Equipment.

## BACKLOG OF ORDERS



ISM's Backlog of Orders Index registered 53.5 percent, indicating manufacturers' backlogs in January are expanding when compared to December. The nine industries reporting an increase in order backlogs during the month are: Miscellaneous*; Transportation \& Equipment; Apparel; Primary Metals; Furniture; Instruments \& Photographic Equipment; Food; Fabricated Metals; and Chemicals.

NEW EXPORT ORDERS


ISM's New Export Orders Index for January registered 58.5 percent, 4.2 percentage points higher than December's seasonally adjusted index of 54.3 percent. The 11 industries reporting growth in new export orders in January are: Primary Metals; Apparel; Printing \& Publishing; Instruments \& Photographic Equipment; Industrial \& Commercial Equipment \& Computers; Chemicals; Food; Electronic Components \& Equipment; Transportation \& Equipment; Rubber \& Plastic Products; and Fabricated Metals.

IMPORTS

| 2004 |  |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |

The ISM Imports Index registered 57 percent in January. The 12 industries reporting growth in import activity for January are: Textiles; Apparel; Furniture; Primary Metals; Miscellaneous*; Transportation \& Equipment; Food; Electronic Components \& Equipment; Fabricated Metals; Instruments \& Photographic Equipment; Chemicals; and Industrial \& Commercial Equipment \& Computers. Beginning with the January 2006 report, the Imports Index no longer meets the criteria for seasonal adjustments.
*Miscellaneous - a preponderance of jewelry, toys, sporting goods and musical instruments.


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NON－MANUFACTURING NON－MANUFACTURING NON－MANUFACTURING NON－MANUFACTURING


|  | Index |  |  | \％Higher |
| :--- | :---: | :---: | :---: | :---: |
|  | \％Same | \％Lower |  |  |
| January | 56.8 | 27 | 51 | 22 |
| December | 61.0 | 31 | 52 | 17 |

ISM＇s Non－Manufacturing Business Activity Index in January decreased to 56.8 percent from December＇s seasonally adjusted 61 percent．The industries reporting the highest rates of growth of business activity in January are：Insurance Business Services；Utilities；Mining；and Transportation．The industries reporting contraction of business activity in January are：Agriculture；Wholesale Trade；Real Estate；Retail Trade；and Construction．

NEW ORDERS


ISM＇s Non－Manufacturing New Orders Index decreased to 56 percent in January from December＇s seasonally adjusted 62.2 percent．Industries reporting the highest rates of growth of new orders in January are：Entertainment；Mining；Insur－ ance；Transportation；and Health Services The industries reporting contraction of new orders in January are：Agriculture； Real Estate；Retail Trade；and Wholesale Trade．

## PRICES

| ${ }^{2004}{ }^{\prime}$ |  | 2005 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 80 70 80 |
|  |  |  |  |  |
|  |  |  |  |  |
|  | Index | \％Higher | \％Same | \％Lower |
| January | 67.2 | 37 | 59 | 4 |
| December | 67.2 | 33 | 60 | 7 |

ISM＇s Non－Manufacturing Prices Index for January is 67.2 percent，the same as the seasonally adjusted rate it registered in December．The industries reporting the highest rates of increase in prices paid in January are：Entertainment；Transporta－ tion；Business Services；Insurance；and Utilities．No industry is reporting price decreases in January．

BACKLOG OF ORDERS


ISM＇s Non－Manufacturing Backlog of Orders Index registered 52.5 percent in January， 1.5 percentage points less than the 54 percent reported in December．The industries reporting the highest rates of increase in order backlogs in January are： Utilities；Mining；Construction；Finance \＆ Banking；and Business Services．Industries reporting decreases in backlog of orders in January are：Agriculture；Communication； Wholesale Trade；Public Administration； and Retail Trade．

NEW EXPORT ORDERS


ISM＇s Non－Manufacturing New Export Orders Index for January is 58 percent， compared to December＇s 61.5 percent． The industries reporting the highest rates of increase in new export orders in January are：Insurance；Mining；Other Services＊； Wholesale Trade；and Business Services． Industries reporting decreases in new export orders in January are：Communica－ tion and Public Administration． ment in January are：Entertainment；Agricul－
ture；Wholesale Trade；Finance \＆Banking； ment in January are：Entertainment；Agricul
ture；Wholesale Trade；Finance \＆Banking； and Construction．

The ISM Non－Manufacturing Supplier Deliveries Index registered 54.5 percent in January， 2 percentage points lower than in December．The industries reporting the highest rates of slowing in supplier deliveries in January are：Utilities； Mining；Real Estate；Other Services＊；and Construction．The industries reporting faster supplier deliveries in January are： Transportation and Communication．

## INVENTORIES



ISM＇s Non－Manufacturing Inventories Index registered 55 percent in January， indicating an increase in inventories （although at a slower rate of increase） compared to December．The industries reporting the highest rates of increase in inventories in January are：Agriculture； Communication；Mining；Health Services； and Utilities．The industries reporting inventory decreases in January are：Enter－ tainment；Finance \＆Banking；and Other Services＊． Index for January is 51.1 percent，a drop of 5.8 percentage points from December＇s sea－ sonally adjusted 56.9 percent．The industries reporting the highest rates of growth in employment in January are：Mining；Insur－ ance；Transportation；Public Administration； and Other Services＊．Industries reporting the highest rates of reduction in employ－



The ISM Non－Manufacturing Imports Index registered 49.5 percent in January， 7 percentage points less than the 56.5 percent reported in December．The indus－ tries reporting an increase in the use of imports in January are：Entertainment； Transportation；Mining；Utilities；and Wholesale Trade．Industries reporting a decrease in the use of imports in January are：Business Services；Public Administra－ tion；Other Services＊；and Retail Trade．

INVENTORY SENTIMENT


The ISM Non－Manufacturing Inventory Sentiment Index in January registered 63 percent， 4 percentage points higher than the 59 percent reported in December． The industries reporting the highest rates of feeling that their inventories are too high in January are：Insurance；Entertain－ ment；Communication；Other Services＊； and Wholesale Trade．Industries reporting that their inventories are too low in Jan－ uary are：Public Administration and Utilities．
＊Other Services－Hotels，Rooming Houses，Camps and Other Lodging Places；Personal Services；Automotive Repair，Services and Parking；Miscellaneous Repair Services；Educational Services；Social Services；Museums，Art Galleries，and Botanical and Zoological Gardens；Membership Organizations；Engineering，Accounting，Research，Management and Related Services；and Miscellaneous Services．

