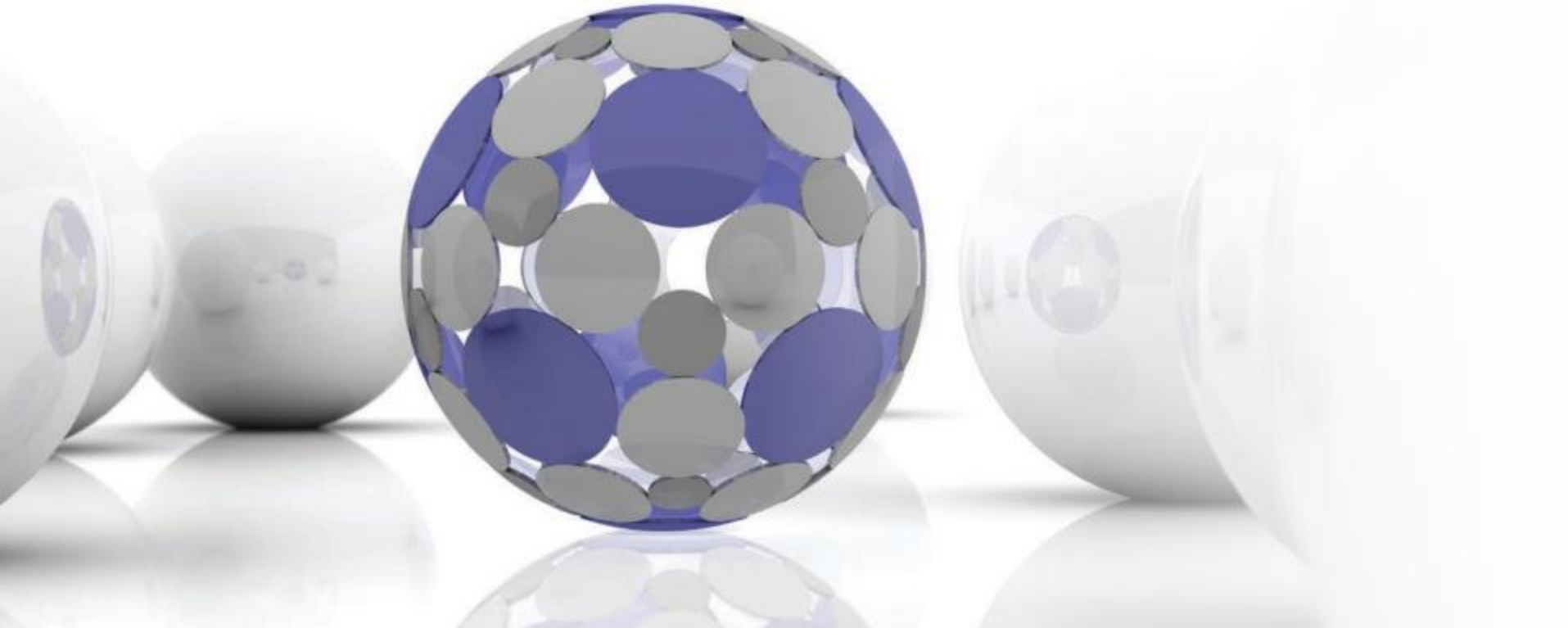


IHS Connect®

PRICING AND PURCHASING



IHS Connect is an online market and business intelligence platform enabling faster, smarter, and more efficient access to world renowned information and insight from IHS. A single intuitive interface enables users to discover, analyze, visualize and integrate a diverse range of industry-leading analysis, market research, technical information and forecasts.

IHS Connect. Connecting you to a world of information and insight from IHS.

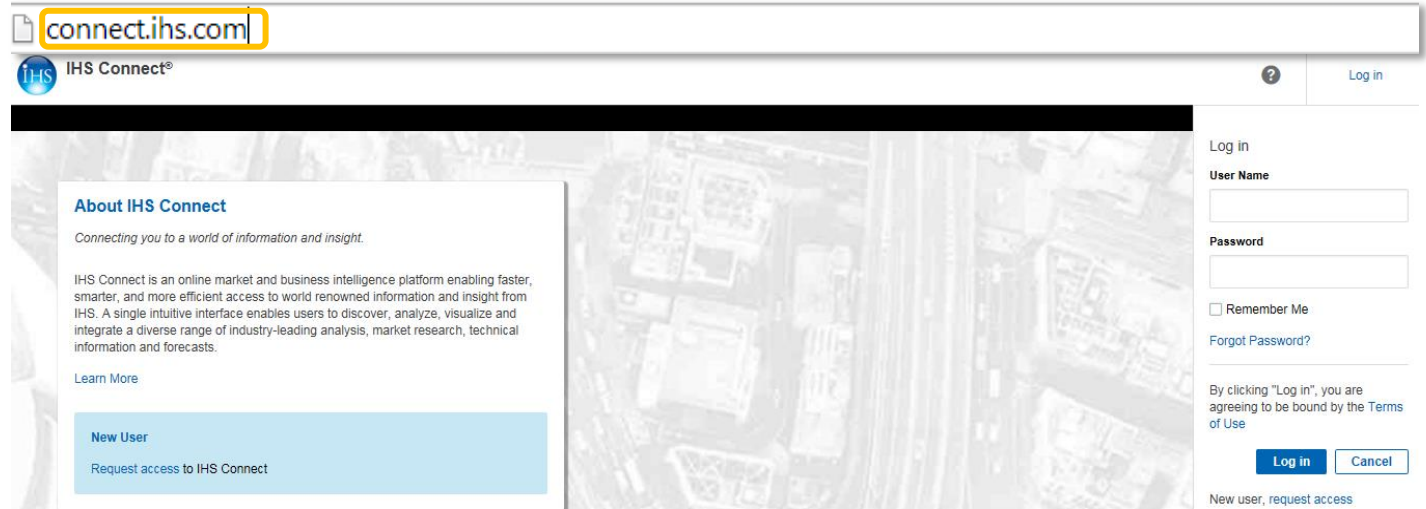
Your IHS Connect experience will vary based on your subscriptions



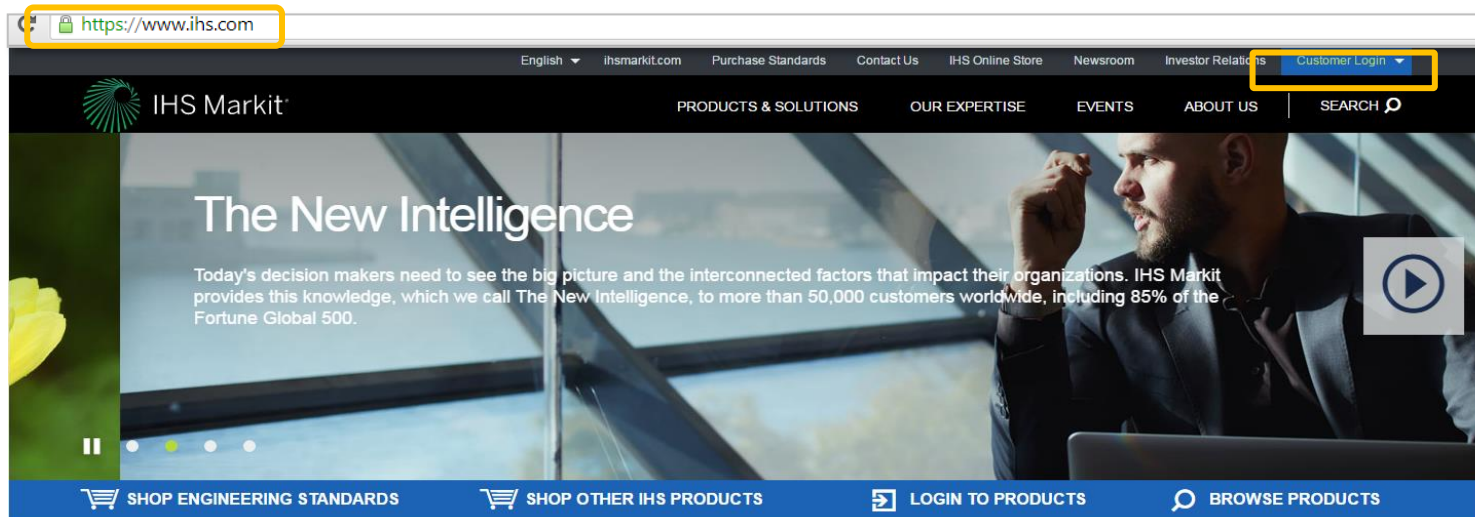


How to Access IHS Connect

Two easy ways to get started



Go directly to:
<http://connect.ihs.com>



From any page on www.ihs.com, click on the **IHS Customer Login** box in the right-hand corner and select **IHS Connect**.

Logging In

Input your corporate email address and password to access IHS Connect

Need a password?

Click **Forgot Password**, enter your corporate email address, and click **Request Password**. You will receive confirmation that your password has been sent to your email address and be provided with a link to log in.



About IHS Connect
Connecting you to a world of information and insight.

IHS Connect is an online market and business intelligence platform enabling faster, smarter, and more efficient access to world renowned information and insight from IHS. A single intuitive interface enables users to discover, analyze, visualize and integrate a diverse range of industry-leading analysis, market research, technical information and forecasts.

[Learn More](#)

New User
[Request access to IHS Connect](#)

Self Registration Step 1: Enter your email address

Create a personal account
Please enter a valid corporate e-mail address to begin.

Email address:

[Next](#) [Cancel](#)

Forgot Password?

To begin, please enter your Email Address to create a new password.

[Submit](#) [Cancel](#)

User Name

Password

Remember Me

[Forgot Password?](#)

By clicking "Log in", you are agreeing to be bound by the Terms of Use

[Log in](#) [Cancel](#)

New User? [request access](#)

Not Registered?

Click **Request access**, follow the registration steps, click **Submit**, and IHS Customer Care will issue you IHS Connect login credentials.

Training Videos

[Introduction & Landing Page](#)

- [Costs and Prices Page](#) (20 min)
- [Using Search to Find Data](#) (5 min)

Cost Analyzer

- [General Introduction](#) (20 min)
 - [Production Cost Models](#)
 - [Alloy Cost Models](#)
 - [Upload data series](#)
 - [Advanced Composite Index Calculations](#)
 - [Search and Save Historical Data](#)

Pricing and Purchasing Menu

Access the P&P content from Economics > Costs and Prices

The screenshot shows the IHS Connect website interface. At the top left is the IHS logo and 'IHS Connect® Version 4.0'. A search bar is located at the top right. A navigation bar contains links for HOME, CHEMICAL, ECONOMICS, ENERGY, RISK, ENERGYVIEW, and GEOGRAPHY. The 'ECONOMICS' link is highlighted with a yellow box. On the left sidebar, 'Global Economics' is selected, and 'Costs and Prices' is highlighted with a yellow box. A yellow arrow points from 'Global Economics' to the main content area with the text 'Quick Link: Landing Page'. The main content area is titled 'Access Your Research and Data' and contains two columns of links: 'Costs and Prices Home' (with a description: 'Browse cost and price content across a range of industries: includes data tables, charts, written analysis, and saved items') and 'Materials Prices' (with a description: 'Review recent materials prices in tabular form'). A yellow arrow points from 'Materials Prices' to the main content area with the text 'Quick Link: Material Prices'. On the right sidebar, there are sections for 'Tools' (with a link to 'Cost Analyzer'), 'Related Products & Platforms' (with links for 'Country Risk', 'Chemical Price and Economics', 'Downstream Capital Costs', and 'Upstream Costs and Technology'), and 'IHS Events' (with a link to 'Webinars & Events'). A yellow arrow points from 'Cost Analyzer' to the right sidebar with the text 'Quick Link: Cost Analyzer'. At the bottom of the main content area, there is an 'Industry Analysis Search' box with the text 'steel' entered. A yellow arrow points from the search box to the right sidebar with the text 'Quick Search: Written Analysis'.

Menu options will appear based on your subscription.

Pricing and Purchasing - Landing Page

Quick access to Key Reports

Costs and Prices

Overview | Energy | Chemicals | Steel | Nonferrous Metal | Wages

KEY REPORTS

- Commodity Price Summary**
Pricing and Purchasing | Scheduled Update
- Global Economic Outlook**
Pricing and Purchasing | Scheduled Update
- Purchasing Environment: Overview**
Pricing and Purchasing | Scheduled Update
- Weekly Pricing Pulse: MPI rebounds following a dismal few weeks**
Pricing and Purchasing | Scheduled Update

[More Costs and Prices Research](#)

SPECIAL REPORTS

Lithium: The flavor of the week in commodity markets
17 Oct 2016
Lithium prices are skyrocketing as growing demand fuels fears that there will not be enough supply to go around. This narrative comes up for a different commodity every few years...

[More Special Reports](#)

Industry Analysis

Search Analysis

Steel pipe: Prices weaken with falling input costs
23 Sep 2016
The buying environment will become more favorable to buyers over the next few months.

Material Prices Table

| Commodity | Last week | Last month | Change |
|--------------------------|-----------|------------|---------|
| Crude oil, Brent | 52.24 | 47.29 | ↑ 10.5% |
| Natural gas, Henry Hub | 3.15 | 3.00 | ↑ 5.1% |
| Aluminum, LME | 1,679.80 | 1,554.60 | ↑ 8.1% |
| Copper, LME | 4,763.55 | 4,673.50 | ↑ 1.9% |
| Iron ore 62%, CFR China | 55.85 | 57.25 | ↓ -2.5% |
| Rubber (RSS3), Singapore | 166.35 | 154.95 | ↑ 7.4% |
| Lumber, British Columbia | 325.00 | 310.00 | ↑ 4.8% |
| Pulp, BHKP Europe | 648.42 | 664.91 | ↓ -2.5% |

Cost Analyzer button

Link to Historical and Forecast Databanks

Methodology

Bulletins and Events

Expert Directory

One-click access to Saved workbooks

Quick-view Industry Analysis with summary and price chart preview

Industry Analysis Menu & Keyword Search

To find an industry or commodity article, type your keyword into the box

Or, click the blue arrow to browse articles (either by sector, or A-Z listing)

Industry Analysis

Search Analysis ▼

Corn: Forecast Highlights
4 Feb 2016

US corn prices have witnessed some upward p decline in December. Fundamentals for the glo changed, but the amount of fresh bearish news under pressure looks to slow in the short term.

▶ View data table

Industry Analysis

Steel x ▼

- [Steel](#)
- [Steel Bars and Rods](#)
- [Steel Pipe](#)
- [Steel Plate](#)
- [Steel Scrap](#)
- [Steel Sheet](#)
- [Construction Steel](#)
- [Specialty Steel](#)
- [Stainless Steel](#)

| | | |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Labor Markets | Biofuels Biodiesel Ethanol | Capital Equipment Construction Machinery Motors Pressure Vessels Circuit Breakers Motor Vehicles Turbines Railroad Equipment Aircraft Power Boilers Electrical Equipment Mining and Oilfield Equipment Industrial Valves Transformers Meters Heat Exchangers |
| Agriculture | | |
| Raw Materials | Building Materials Cement Cement and Concrete Lumber Wood Poles Concrete | |
| Construction and Capital Equipment | | |
| Technology | | |
| Indirect and Services | | |
| A-Z | | |

Industry Analysis

Analysis and graphing visualization tool

Link to full article

Quick article overview

Industry Analysis

Search Analysis

Nonferrous Metals Overview

24 Oct 2016

Broad indicators for commodity markets are mixed over the past month. We continue to see volatility in December around a US interest rate hike.

[Full Report](#)

World Aluminum World Nickel World Zinc World Copper

[View data table](#)

Nonferrous Metals Overview

24 Oct 2016 - Pricing and Purchasing | Profile

Broad indicators for commodity markets are mixed over the past month. We continue to see volatility in December around a US interest rate hike.

Nonferrous metals

Change from previous forecast: Our outlook is fundamentally unchanged from last month, with only small adjustments made to the first two quarters of the outlook to reflect recent price changes.

Base metal prices have risen over the past month primarily on some late-September softness in the dollar, which has prompted investor buying. The physical market remains quiet, in part because of China's Golden Week Holiday, which slowed markets in late September during the run-up to the holiday during the first week in October. This said, the normal summer doldrums seem to have extended into autumn this year, with physical trading and buying rather subdued through September. Metal trading volume on the three big exchanges—the London Metal Exchange (LME), the Shanghai Futures Exchange, and the COMEX—has been flat since May, with volume on the LME actually declining since mid-2015.

Looking ahead, we see the modest pace of the expansion providing support for prices rather than any building pressure. This continues to suggest equally modest price recoveries rather than strong rebounds. Our concerns remain centered on China, where the stabilization in manufacturing activity appears tied to stimulus spending that is unsustainable. December should prove to be an interesting month because of an expected rise in US interest rates. Higher US interest rates by themselves will strengthen the dollar and put downward pressure on commodity prices across the board. Any new anxiety over Brexit and any sign that Chinese manufacturing growth is slowing would only add to volatility. On balance, we remain cautious about the near term. Individual metals are expected to follow their own fundamentals more closely, with risk collectively shading toward the downside.

Aluminum

Prices rose slowly higher across September, once again pushing above \$1 650/metric ton on the LME. More important, premiums appear to have inched higher over the last month, with the US Midwest premium up half a cent a pound to 6.25 cents. Spreads have not narrowed and even though visible inventory on the big exchanges continues to trend lower, the market continues to look well supplied. Estimates of off-exchange inventory are huge and have not changed much during the past quarter. And Chinese production—the bugbear hanging over the market—is back near the record rates seen in late 2015.

We do have prices slowly rising over the near term on the assumption that market forces eventually force some discipline. The key, however, is whether market forces will be allowed to operate in China. The only good news here is that China's State Council recently announced that no new capacity will be granted to industries facing serious oversupply conditions. We implicitly assume that the combination of market forces and the State Council's directive result in a slow reduction in China's aluminum production growth, allowing the market to slowly tighten and lifting prices.

Table of Contents

- Nonferrous Metals Overview
- Commodity Update
- Forecast Highlights
- Global Outlook
- European Outlook

Graphing visualization of key data related to the selected industry/commodity

Market Prices Table

Review recent market prices for key benchmark prices

| Commodity | Last week | Last month | Change |
|--------------------------|-----------|------------|---------|
| Crude oil, Brent | 48.46 | 42.66 | ↑ 13.6% |
| Natural gas, Henry Hub | 2.91 | 2.88 | ↑ 2.0% |
| Aluminum, LME | 1,601.56 | 1,628.55 | ↓ -1.7% |
| Copper, LME | 4,609.25 | 4,843.00 | ↓ -4.8% |
| Iron ore 62%, CFR China | 59.23 | 59.68 | ↓ -0.7% |
| Rubber (RSS3), Singapore | 151.74 | 155.30 | ↓ -2.3% |
| Lumber, British Columbia | 311.00 | 329.00 | ↓ -5.5% |
| Pulp, BHKP Europe | 662.22 | 684.93 | ↓ -3.3% |

Note: "Last week" - weekly average; "Last month" - price lagged 4 weeks; "Last year" - price lagged 52 weeks.

[More](#)

Change provides trend indication of how prices have been changing relative to the previous month

Export option to download the data

| Commodity | Units | Last week | Last month | Change | Last year | Change |
|--------------------------|-----------------------|-----------|------------|---------|-----------|----------|
| Crude oil, Brent | (US\$/barrel) | 48.46 | 42.66 | ↑ 13.6% | 48.69 | ↓ -0.5% |
| Natural gas, Henry Hub | (US\$/MMBtu) | 2.91 | 2.88 | ↑ 2.0% | 2.69 | ↑ 8.2% |
| Aluminum, LME | (US\$/metric ton) | 1,601.56 | 1,628.55 | ↓ -1.7% | 1,588.63 | ↑ 0.8% |
| Copper, LME | (US\$/metric ton) | 4,609.25 | 4,843.00 | ↓ -4.8% | 5,146.38 | ↓ -10.4% |
| Iron ore 62%, CFR China | (US\$/dry metric ton) | 59.23 | 59.68 | ↓ -0.7% | 52.30 | ↑ 13.3% |
| Rubber (RSS3), Singapore | (Cents/kilogram) | 151.74 | 155.30 | ↓ -2.3% | 135.18 | ↑ 12.3% |
| Lumber, British Columbia | (US\$/mbfm) | 311.00 | 329.00 | ↓ -5.5% | 240.00 | ↑ 29.6% |
| Pulp, BHKP Europe | (US\$/metric ton) | 662.22 | 684.93 | ↓ -3.3% | 792.03 | ↓ -16.4% |

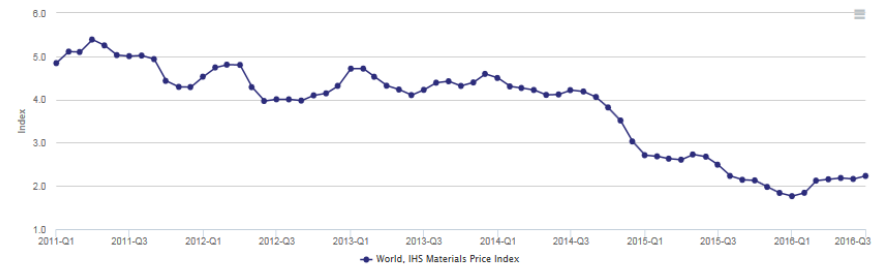
Note: "Last week" - weekly average; "Last month" - price lagged 4 weeks; "Last year" - price lagged 52 weeks.

Weekly Pricing Pulse

Weekly Pricing Pulse: MPI posts fourth consecutive gain, strength expected to continue into early 2017

30 Aug 2016

MPI posts fourth consecutive gain; strength expected to continue into early 2017. The rise in commodity prices has momentum that will begin to create pressure in supply chains as the year ends.



[View data table](#)

Select the **"More"** link to see more data and written analysis

Webinars, Events, Bulletins

Review **Service and Data Bulletins**, and **IHS Webinars and Events** via drawers in the right hand rail

▼ Webinars and Events

Pricing and Purchasing Best-in-Class Webcast Series

Brazil Costs Forum Workshop—After the storm comes the calm

IHS Energy Webinar: Leveraging Digital Technology to Accelerate the Upstream Innovation Cycle

Brazil: After the dust settles, what next?

New York Integrated Energy Research Briefing: The Future of Offshore E&P—Long road to recovery

IHS Pricing and Purchasing Webcast: How long will the commodity price roller coaster last?

Upstream Costs Services Asia Workshop, 3 May 2016, Singapore

Downstream Capital Costs Service, London Workshop, 12 May 2016—Additional materials available

Upstream Capital Costs Service Workshop, 2016 in London

Upstream Operating Costs Service Workshop, 2016 in London

More Webinars and Events

▼ Service Bulletins

Third-quarter 2016 IHS Pricing and Purchasing forecast is now available through DataInsight-Web and IHS Connect

IHS analyses UK referendum implications – US, Japan and emerging market economies

IHS analyses UK referendum implications – the Eurozone economy

Second-quarter 2016 IHS Pricing and Purchasing forecast is now available through DataInsight-Web and IHS Connect.

IHS Connect Version 4.0 Now Available

IHS Connect preview available

IHS Global Insight Announces New Commodity Modules

Pricing and Purchasing Forecast Release

What Does the CMAI Acquisition Mean for You?

Announcing a New Purchasing Analyzer!

More Service Bulletins

▶ Primary Tools

▶ Analytics and Charts

▶ Related Products and Platforms

▶ Methodology & Glossary

▶ Service Bulletins

▼ Webinars and Events

Pricing and Purchasing Best-in-Class Webcast Series

Brazil Costs Forum Workshop—After the storm comes the calm

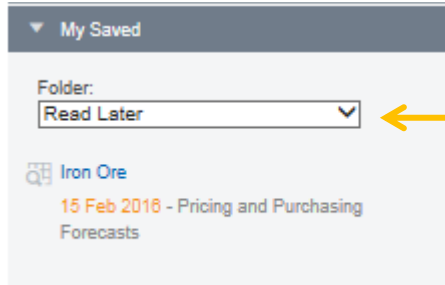
IHS Energy Webinar: Leveraging Digital Technology to Accelerate the Upstream Innovation Cycle

Brazil: After the dust settles, what next?

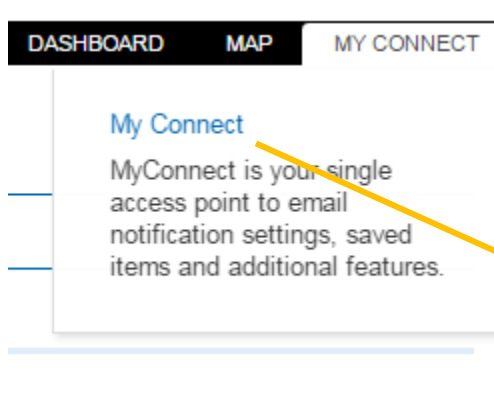
New York Integrated Energy Research Briefing: The Future of Offshore E&P—Long road to recovery

IHS Pricing and Purchasing Webcast: How long will the commodity price roller coaster last?

My Saved: Access Cost & Price Content in My Connect



The **content you saved** is organized into folders, which you can select using the drop down menu. Content is filtered to Cost & Price only.



To view all of your saved content in one page, go to the **My Connect** menu and choose **"My Saved"**

You are following the **My Connect** content below

EMAIL NOTIFICATIONS: Settings

Immediate: 0 (At any time) | Daily: 0 (@ 1 pm) | Weekly: 0 (Mon @ 1 pm)

Standard Email Notification: 0

CONNECT

- Tool Queries: 17
- Dashboards: 1
- Documents: 0
- Pages: 0
- Searches: 0
- My Reports: 0
- Images: 0

FOLDERS New Folder

- Read Later: 0
- Commodity Dashboards: 1
- Demo: Aerospace: 5
- Demo: Metal Foundries: 1
- Demo: Packaging: 1
- Demo: Uniforms: 2

Standard Email Notifications

Other Standard Emails notifications available:

| Notification Name | Source | Immediate | Daily | Weekly |
|---------------------------|----------------------|--------------------------|--------------------------|--------------------------|
| Upstream Company Research | Upstream Oil and Gas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Transactions Research | Upstream Oil and Gas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Plays & Basins - Profiles | Upstream Oil and Gas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

You are following the **My Connect** content below

EMAIL NOTIFICATIONS: Settings

Immediate: 0 (At any time) | Daily: 0 (1 pm) | Weekly: 0 (Mon @ 1 pm)

Standard Email Notification: 0

ON CONNECT

- Tool Queries: 17
- Dashboards: 1
- Documents: 0
- Pages: 0
- Searches: 0
- My Reports: 0
- Images: 0

FOLDERS New Folder

- Read Later: 0
- Commodity Dashboards: 1
- Demo: Aerospace: 5

Read Later

| Type | Title | Source | Update Date | Options |
|--------|-------------------------------|--------|-------------|---------|
| Series | Injection Milled PP | | 27 Sep 2016 | Options |
| Chart | Budget Chart | | 27 Sep 2016 | Options |
| Series | My Budget | | 27 Sep 2016 | Options |
| Series | NONHOME_CONTRACTORS | | 21 Sep 2016 | Options |
| Series | K@Home_training | | 21 Sep 2016 | Options |
| Series | Weighted Inflation by Country | | 23 Sep 2016 | Options |
| Series | Sample | | 23 Sep 2016 | Options |
| Series | My Brass | | 23 Sep 2016 | Options |

Publications

Just one click away from the home page

Key Reports

Global Economic Outlook
Pricing and Purchasing | Scheduled Update

Commodity Price Summary
Pricing and Purchasing | Scheduled Update

Weekly Pricing Pulse: MPI posts fourth consecutive gain; strength expected to continue into early 2017
Pricing and Purchasing | Scheduled Update

Purchasing Environment: Overview
Pricing and Purchasing | Scheduled Update

[All Costs and Prices Research](#)

Click here to see all available Reports

Access our **full archive of publications and files**; leverage **advanced search and filtering options** to quickly find the files you need.

Clear all

Refine results by:

Keyword

▼ SOURCE:

Downstream Capital Costs

Power and Renewables

Pricing and Purchasing

Regional Power, Gas, Coal and Renewables

Upstream Costs and Technology

▼ CONTENT TYPE:

Research & Analysis

Data

Headline Analysis

Model

Profile

Scheduled Update

Strategic Report

▼ FILE TYPE:

Adobe PDF

Archives

Microsoft Excel

Microsoft PowerPoint

Follow this

| Title | Published | Files |
|------------------------------------------------------------------------------------------------------------------------|-------------|-------|
| Weekly Pricing Pulse: MPI posts fourth consecutive gain; strength expected to continue into early 2017 | 30 Aug 2016 | |
| Weekly Commodity Prices Archive | 30 Aug 2016 | |
| Agriculture Commodity Price Watch Archive | 26 Aug 2016 | |
| Commodity Price Watch Briefing Archive | 24 Aug 2016 | |
| Global Economic Outlook | 19 Aug 2016 | |
| Commodity Price Watch Report: Asia Archive | 19 Aug 2016 | |
| Commodity Price Watch Report: Europe Archive | 19 Aug 2016 | |
| Commodity Price Watch Report Archive | 19 Aug 2016 | |
| Commodity Price Summary | 17 Aug 2016 | |
| Commodity Price Watch US Tables Archive | 15 Aug 2016 | |
| Commodity Price Watch Global Tables Archive | 15 Aug 2016 | |
| Commodity Price Watch European Tables Archive | 15 Aug 2016 | |
| Commodity Price Watch Asian Tables Archive | 15 Aug 2016 | |
| Steel Monthly Report Archive | 08 Aug 2016 | |

Cost Analyzer

Search, Select and Manipulate Data in one screen

- Search for price data
- Upload price data **new!**
- Set Criteria
- Build Indices
- View Data
- Save Custom Work
- Share with Colleagues
- Chart Tools **new!**
- IHS Alloy Cost Models **new!**
- IHS Production Cost Models

The screenshot displays the 'Advanced Search Criteria' interface. On the left, there are sections for 'Selected Criteria' (with a 'Reset Criteria' button), 'Frequency' (Source), 'Range' (5 Years History, 5 Years Forecast), 'Weighted Index' (My Composite Index, Base: 2016 Q4, Quarterly, 100), and 'Unit' (Source). The main area is titled 'Advanced Search Criteria' and includes a 'General' tab and a 'Search' input field. Below this is the 'Define your Workbook' section, which has radio buttons for 'Search' (selected), 'Forecast Data', and 'Historical Data', and a 'Category Search' dropdown. A 'Mnemonic Entry' field is also present. A 'Filter selection' area includes a search box and checkboxes for 'Display Cost Models Only', 'Remove filters', 'Show Mnemonic', and 'Highlight Cost Models'. A list of search results is shown, including 'United States, PPI, Lumber and Wood Products', 'United States, PPI, Clay Refractories', 'United States, PPI, Material Inputs to Commercial Structures', 'United States, PPI, Inputs to Construction', 'Germany, PPI, Bitumen Compound on the Basis of Natural Asphalt Natural Bitumen', 'France, PPI, Total Market Glass and Glass Products Basic Price', 'Germany, PPI, Ready-Mixed Concrete', and 'United States, PPI, Plastic Construction Products (Primarily Pipe)'. At the bottom, a table shows the selected series with columns for 'Series', 'Weighted Index', and 'Show Cost Model'. The table includes an 'Include all' row and three rows with 'x' in the first column, indicating they are selected.

| | Series | Weighted Index | Show Cost Model |
|---|--------------------------------------------------------------------------------|--------------------------|--------------------------|
| | Include all | <input type="checkbox"/> | <input type="checkbox"/> |
| x | Germany, PPI, Ready-Mixed Concrete | <input type="checkbox"/> | <input type="checkbox"/> |
| x | Germany, PPI, Bitumen Compound on the Basis of Natural Asphalt Natural Bitumen | <input type="checkbox"/> | <input type="checkbox"/> |
| x | United States, PPI, Inputs to Construction | <input type="checkbox"/> | <input type="checkbox"/> |

Start the Data Search

Advanced Search Criteria

General Search

Define your Workbook

Search Forecast Data Historical Data

Category Search ?

1 Select a Data Set

Category Search ?

2 BOX 1: Select a Category or Region/Country

My Series Industry **Geography** [Expand all / Collapse all](#)

- + Aerospace & Defense
- + Agriculture
- + Building Materials
- + Chemicals and Allied Products
- + Electrical Machinery
- + Electronics
- + Energy
- + Exchange Rates

3 BOX 2: Find the right data series within the selected category

Filter selection

Display Cost Models Only [Remove filters](#) Show Mnemonic Highlight Cost Models

>>

4 BOX 3: Create Weighted Index, show Cost Model and display results

| | Series | Weighted Index | Show Cost Model |
|-------------|-------------------------------------|--------------------------|--------------------------|
| Include all | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Step 1: Select a Data Set

Forecast Data or Historical Data for your search?

Select **Forecast or Historical Data**
to start your Cost Analyzer search 

Define your Workbook

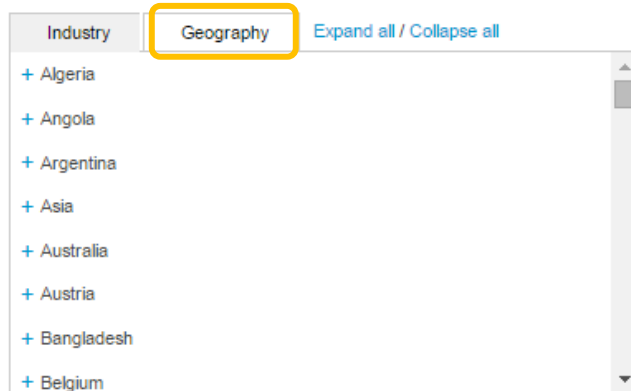
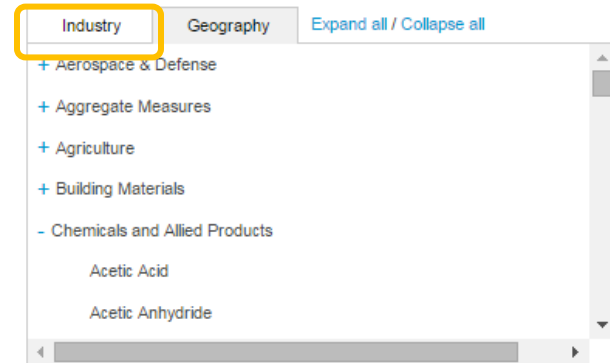
Search Forecast Data Historical Data

- **Forecast data** include data history for the selected series.
 - If I select a forecast for Steel pipe, for example, I will also see the history for steel pipe
- **Historical data** are available for a wider range of concepts, and higher frequencies.
 - If you are looking for an item we don't currently forecast, historical data is a good place to find more information
 - Under historical data, you can find daily prices for traded commodities, like oil and metals.

HINT: You may not be entitled to both forecast and historical data. Speak to your account manager if you would like to learn more.

Step 2: Select a Category or Country/Region


Select a general industry, or sub-sector on the **industry tab**



Or, select a **geography/region**:

- Keyword search works here, too
- Most data are country-specific
- But, beware of regional or “world” market prices for metals and chemicals

Or, use the **category keyword search**

Category Search 

- Keep your keyword to the category level (i.e. use keywords like “Steel”, not “CRC Spot Price”)

Step 3: Filter your results, find the data series you need

Industry Geography Expand all / Collapse all

- Nonelectrical Machinery
 - Steel Machinery
 - Steel
 - Cold Rolled Steel
 - Galvanized Steel
 - Hot Rolled Steel
 - Rolled Steel Products

I've chosen the Category in Box 1, i.e. Steel.
Now I can see all the data series for that category in Box 2

Click on individual series to add them to your workbook. Or, Click the double-arrow to add all the series to your workbook.

Filter selection

Plate Remove filters Show Mnemonic Show Only Series With Cost Models

- Europe, Spot Price, Discrete Steel Plate (Interim Forecast), Source: Platts/SBB, Units: US\$/Metric Tonne
- United States, Spot Price, Carbon Steel Plate (Interim Forecast), Source: IHS Global Insight, Units: US\$/Short Ton
- United States, Spot Price, Carbon Steel Plate Cut to Length (Interim Forecast), Source: IHS Global Insight, Units: US\$/Short Ton
- China, Spot Price, Discrete Steel Plate (Interim Forecast), Source: Platts/SBB, Units: US Dollars per Metric Ton
- United States, Spot Price, Discrete Plate Steel
- East Asia, Spot Price, Discrete Plate Steel, East Asia Import
- South Africa, PPI, Steel Plate

Filter your results to narrow down your search

Display mnemonics, or limit results to only those series with IHS cost models available

Step 4: What you can do with the data you've selected

| Clear All | | | |
|---------------------------|-------------------------------------------------------------------|----------------------------------------|-------------------------------------|
| | Series | Weighted Index | Show Cost Model |
| | Include all | <input type="checkbox"/> | <input type="checkbox"/> |
| × | Europe, Exchange Rate-Adjusted Spot Price, Discrete Plate Steel | <input checked="" type="checkbox"/> 80 | <input type="checkbox"/> |
| × | Germany, Hourly Wages, Manufacturing | <input checked="" type="checkbox"/> 20 | <input type="checkbox"/> |
| × | France, PPI, Total Market Other Pumps and Compressors Basic Price | <input type="checkbox"/> 1 | <input checked="" type="checkbox"/> |

Column 1: I'd like to see the time series price data for this concept

Column 2: I'd like to add this concept to my custom cost model/weighted index, with the designated weight.

Column 3: I'd like to see the IHS cost model associated with this item.

HINT: Not all concepts will have an IHS determined cost model. If you select this option for a metallurgical alloy, you will view the alloy cost breakdown of production of that metal.

Cost Analyzer Query Page

Search, Select, and Manipulate Data in one screen

When you are happy with your selection, you can click on the **General Tab**, to make changes to the workbook settings...

...Or you can click on **Display Results** to see the data

Advanced Search Criteria

General Search

Define your Workbook

Search Forecast Data Historical Data

Keyword Search

Industry Geography [Expand all / Collapse all](#)

- + Agriculture
- + Building Materials
- + Chemicals and Allied Products
- + Electrical Machinery
- + Electronics
- + Energy
- + Exchange Rates
- + Fabricated Metals

Filter selection

[Remove filters](#) Show Mnemonic Show Only Series With Cost Models

North America, Hydrochloric Acid Contract-Market 22 Be Delivered

West Europe, Polyethylene Discounted Contract Estimate GP-Film Low Density Delivered

North America, Ethyl acetate Domestic Market Delivered

North America, Ethylene dichloride Spot Export, Low FOB

North America, Ethylene dichloride Spot Export, Avg. FOB

North America, Dimethyl terephthalate Contract-Market Domestic Molten Delivered

North America, Dimethyl terephthalate Contract-Market Domestic Molten Delivered

North America, Acetic acid Average Acquisition Contract Estimate FOB

[Clear All](#)

| | Series | Weighted Index | Show Cost Model |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> Include all | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> United States, Oil and Gas Production Chemicals, Costs, Source: IHS Global Insight, Units: 2007Q1=1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> North America, Hydrochloric Acid Contract-Market 22 Be Delivered | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> West Europe, Polyethylene Discounted Contract Estimate GP-Film Low Density Delivered | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> North America, Ethyl acetate Domestic Market Delivered | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> North America, Ethylene dichloride Spot Export, Low FOB | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> North America, Ethylene dichloride Spot Export, Avg. FOB | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

[Display Results](#)

Cost Analyzer General Settings

Advanced Search Criteria

General Search

Date range

Frequency Source Defined Monthly Quarterly Annual Fiscal Year Q1

Range Years Years History (before today)

Years Forecast (after today)

Advanced Rebasing Options

Select options for re-basing weighted indexes, cost models, and data series in your workbook

Rebasing mode Index Only ⓘ

Base Frequency Quarterly ⓘ

Base Date 2016 Q4 ⓘ

Base Value ⓘ

Statistics

Select any statistics you would like applied to the selected series ⓘ

Percent Change

Percent Change Year Ago

Weighted Index

The Weighted Index feature allows the user to easily create weighted indexes of selected price and wage forecasts

Name ⓘ

Index Frequency Quarterly ⓘ

Currency and Unit Selection

Select a common currency or unit for your workbook

Currency Source ⓘ

Unit Source ⓘ

- Select your date range & frequency
- Select a base period and base value for your index or the entire workbook **new!**
- Add percent change, or percent change year ago
- Give your composite index a name and choose the frequency of the base
- Choose a common currency or unit for your workbook **new!**
- Select “Display Results” when finished

Cost Analyzer Query Results

View price data, custom cost models and IHS cost breakouts in one workbook

Add and remove series from weighted averages and indices. Add weighted indices to other custom models.

Save to My Connect, or Export to Excel

Change series details (label & weights) by typing directly into the sheet

Data Table

Quarterly (1 selected)

| | | Short Label | 2014-Q1 | 2014-Q2 | 2014-Q3 | 2014-Q4 | 2015-Q1 | 2015-Q2 | 2015-Q3 | 2015-Q4 | 2016-Q1 | |
|---------------------------------------------|---------------|---------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| <input checked="" type="checkbox"/> | | France, PPI, Total Market, Other Pumps and Compressors, Basic Price, Units: 2010=100, Costs | 1.00 | 1.00 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | |
| <input type="checkbox"/> | Weight | Short Label | 2014-Q1 | 2014-Q2 | 2014-Q3 | 2014-Q4 | 2015-Q1 | 2015-Q2 | | | | |
| Series Group: DIRECT LABOR (1) (21%) | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | 0.21 (21%) | France, Index of Hourly Earnings, Machinery and Equipment | 112.70 | 113.40 | 113.90 | 114.10 | 114.60 | 115.00 | | | | |
| Series Group: DIRECT MATERIALS (12) (50.7%) | | | | | | | | | | | | |
| <input type="checkbox"/> | 0.008 (0.8%) | France, PPI, (CPF 28.15) Bearings | 99.60 | 99.83 | 100.10 | 100.33 | 100.57 | 100.80 | | | | |
| <input checked="" type="checkbox"/> | 0.101 (10.1%) | France, PPI, (CPF 27.11) Motors Generators and Transformers Price Ex-Works | 103.57 | 104.87 | 104.93 | 105.10 | 105.63 | 105.80 | 105.97 | 105.50 | 105.84 | 106.58 |
| <input type="checkbox"/> | 0.008 (0.8%) | France, PPI, Total Market Precious Metals and Other Common Non-Ferrous Metals Basic Price | 90.00 | 90.67 | 94.87 | 98.33 | 100.83 | 102.30 | 95.47 | 92.20 | 92.55 | 94.24 |
| <input checked="" type="checkbox"/> | 0.011 (1.1%) | France, PPI, Screws and Bolts (CPF 25.94) Basic Price | 99.23 | 98.73 | 98.03 | 97.67 | 98.40 | 97.67 | 97.07 | 96.30 | 96.34 | 96.35 |
| <input type="checkbox"/> | 0.025 (2.5%) | Germany, PPI, Hydraulic and Pneumatic Valves | 109.20 | 109.20 | 109.30 | 110.13 | 111.67 | 112.00 | 112.00 | 112.20 | 113.06 | 113.30 |
| <input checked="" type="checkbox"/> | 0.065 (6.5%) | EU27, PPI, Fabricated Metal Machinery and Equipment | | | 102.87 | 102.96 | 103.03 | 103.14 | 103.01 | 103.00 | 103.02 | 103.14 |
| <input type="checkbox"/> | 0.021 (2.1%) | Germany, PPI, Aircraft | | | 101.63 | 105.37 | 109.13 | 110.73 | 106.13 | 102.95 | 102.19 | 103.10 |
| <input checked="" type="checkbox"/> | 0.148 (14.8%) | France, PPI, Iron and Steel | | | 100.17 | 99.93 | 97.57 | 96.63 | 95.40 | 94.50 | 92.12 | 90.74 |
| <input type="checkbox"/> | 0.039 (3.9%) | France, PPI, Rubber | | | 102.33 | 102.00 | 105.33 | 105.20 | 104.87 | 104.63 | 104.23 | 104.14 |
| <input checked="" type="checkbox"/> | 0.025 (2.5%) | Italy, PPI, Domestic Market Manufacture of Fluid Power Equipment | 98.50 | 98.73 | 99.07 | 98.97 | 98.77 | 98.87 | 99.27 | 99.10 | 99.39 | 99.34 |
| <input type="checkbox"/> | 0.013 (1.3%) | Germany, PPI, Gaskets | 103.60 | 103.40 | 103.40 | 103.50 | 102.67 | 102.70 | 102.57 | 103.08 | 103.17 | 103.52 |

1 - 5 of 5 records | Show 100 records

View the data: Chart Tool **new!**

Add, Move or Re-Remove the chart by clicking the **Chart icon** in the top right of the workbook

Data Table

| Quarterly | | Short Label | 2014-Q1 | 2014-Q2 | 2014-Q3 |
|---------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------|---------|---------|---------|
| <input type="checkbox"/> | 0.21 (21%) | France, Index of Hourly Earnings, Machinery and Equipment | 112.70 | 113.40 | 113.90 |
| Series Group: DIRECT MATERIALS (12) (50.7%) | | | | | |
| <input checked="" type="checkbox"/> | 0.008 (0.8%) | France, PPI, (CPF 28.15) Bearings | 99.60 | 99.83 | 100.10 |
| <input type="checkbox"/> | 0.101 (10.1%) | France, PPI, (CPF 27.11) Motors Generators and Transformers Price Ex-Works | 103.57 | 104.87 | 104.90 |
| <input type="checkbox"/> | 0.008 (0.8%) | France, PPI, Total Market Precious Metals and Other Common Non-Ferrous Metals Basic Price | 90.00 | 90.67 | 94.80 |
| <input type="checkbox"/> | 0.011 (1.1%) | France, PPI, Screws and Bolts (CPF 25.94) Basic Price | 99.23 | 98.73 | 98.00 |
| <input type="checkbox"/> | 0.025 (2.5%) | Germany, PPI, Hydraulic and Pneumatic Valves | 109.20 | 109.20 | 109.30 |
| <input type="checkbox"/> | 0.065 (6.5%) | EU27, PPI, Fabricated Metal Products Except Machinery and Equipment | 102.70 | 102.63 | 102.80 |
| <input type="checkbox"/> | 0.021 (2.1%) | Germany, PPI, Aluminium Production | 97.50 | 97.63 | 101.60 |
| <input type="checkbox"/> | 0.148 (14.8%) | France, PPI, Iron and Steel Products and The First Steel Processing | 100.63 | 100.37 | 100.10 |
| <input type="checkbox"/> | 0.039 (3.9%) | France, PPI, Rubber Products | 102.03 | 101.80 | 102.30 |
| <input type="checkbox"/> | 0.025 (2.5%) | Italy, PPI, Domestic Market Manufacture of Fluid Power Equipment | 98.50 | 98.73 | 99.00 |
| <input type="checkbox"/> | 0.013 (1.3%) | Germany, PPI, Gaskets | 103.60 | 103.40 | 103.40 |
| <input type="checkbox"/> | 0.043 (4.3%) | France, PPI, Total Market MIGS Intermediate Goods Basic Price | 103.60 | 103.53 | 103.60 |
| Series Group: INDIRECT PRODUCT COSTS (3) (28.3%) | | | | | |
| <input type="checkbox"/> | 0.034 (3.4%) | France, PPI, Electricity Gas Steam Prod. and Distrib. Water Waste Management | 114.40 | 108.07 | 106.20 |

1 - 5 of 5 records | Show 100 records

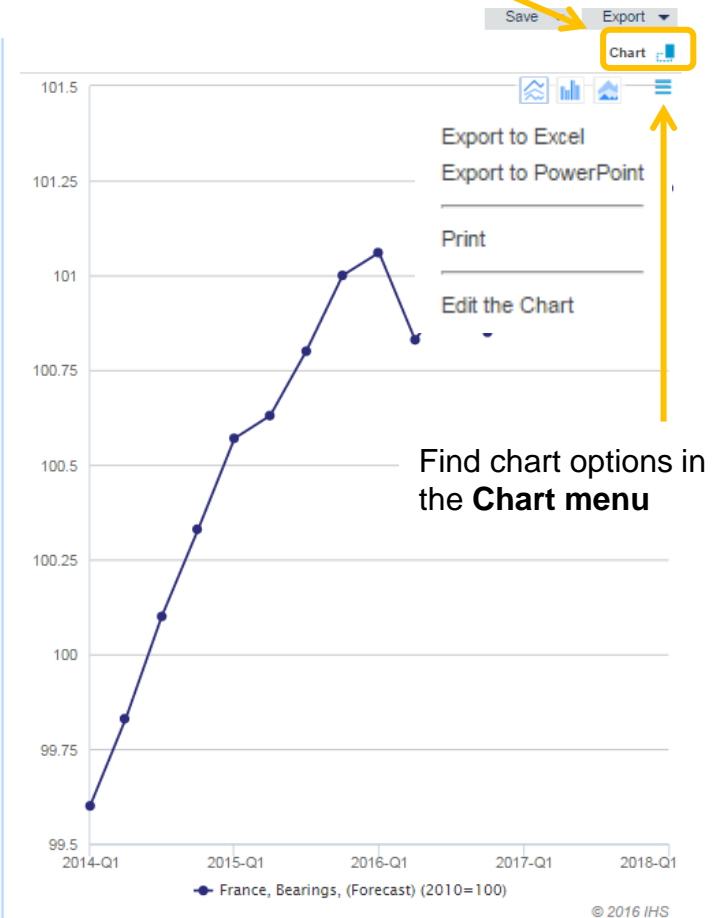







Chart Tool: Manipulate, Save, and Export Charts

» Chart: Untitled

Save

► Title

▼ Chart Type


- ▼ Line 
- Area 
- Column 
- Bar 
- Other 

Show data table
Not available for date range longer than 12 periods.

► Legend Position

► Series Settings

► Axis Settings

► Target Band 

► Data Labels



Use the menu on the left to add titles and edit your chart.
You can then save your chart to My Connect, or export it to a range of applications.

HINT: We recommend you save your work before going into chart-edit mode. If you jump from a query to the chart, it won't automatically save your query.

Upload your own data **new!**

Go to My Connect > My Series Upload

EMAIL NOTIFICATIONS: [Settings](#)

| | | |
|-------------------------------|----------------------|---------------------------|
| Immediate 0 At any time | Daily 0 @ 1 pm | Weekly 0 Mon @ 1 pm |
|-------------------------------|----------------------|---------------------------|

Standard Email Notification 0

ON CONNECT

- Tool Queries 17
- Dashboards 1
- Documents 0
- Pages 0
- Searches 0
- My Reports 0
- Images 0

FOLDERS [New folder](#)

- Read Later 8
- Commodity Dashboards 1
- Demo: Aerospace 5
- Demo: Metal Foundries 1
- Demo: Packaging 1
- Demo: Uniforms 2

ADDITIONAL FEATURES

- My Regions 0
- My Series Upload 1**

My Series Upload:

[Add Data Table](#) [About My Series](#)

wages
21 Sep 2016

WAGES

[Update series](#)

Owned by:

| Short Label | Geography | Concept | Unit | 2011Q3 | 2011Q4 | 2012Q1 | 2012Q2 | 2012Q3 |
|---------------------------------------------|----------------|---------|------|--------|--------|--------|--------|--------|
| Belgium, Hourly Wages, Manufacturing | Belgium | Wages | USD | 37.25 | 37.09 | 35.39 | 35.18 | 35.19 |
| Bulgaria, Hourly Wages, Manufacturing | Bulgaria | Wages | USD | 3.07 | 3.66 | 3.44 | 3.42 | 3.44 |
| Czech Republic, Hourly Wages, Manufacturing | Czech Republic | Wages | USD | 9.03 | 9.58 | 9.03 | 8.92 | 8.85 |
| Germany, Hourly Wages, Manufacturing | Germany | Wages | USD | 37.28 | 37.14 | 35.43 | 35.24 | 35.29 |

« < Page 1 of 1 > »



Click **Add Data Table** to get started

Use the template, sample, and upload guide to help you get your data in the right format. Then upload the CSV file.

Upload series

CSV [Choose File](#) No file chosen

Name:

[View Upload Guide](#) [Download Template file](#) [Download Sample file](#)

[Create](#) [Cancel](#)

View & Edit Your Uploaded Data

My Series Upload:

[Add Data Table](#) [About My Series](#)

wages
21 Sep 2016

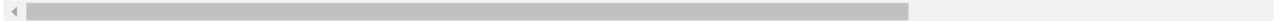
WAGES

[Update series](#)

Owned by:

| Short Label | Geography | Concept | Unit | 2011Q3 | 2011Q4 | 2012Q1 |
|---------------------------------------------|----------------|---------|------|--------|--------|--------|
| Belgium, Hourly Wages, Manufacturing | Belgium | Wages | USD | 37.25 | 37.09 | 35.39 |
| Bulgaria, Hourly Wages, Manufacturing | Bulgaria | Wages | USD | 3.67 | 3.66 | 3.44 |
| Czech Republic, Hourly Wages, Manufacturing | Czech Republic | Wages | USD | 9.63 | 9.58 | 9.03 |
| Germany, Hourly Wages, Manufacturing | Germany | Wages | USD | 37.28 | 37.14 | 35.43 |

K < | Page 1 of 1 | > | 10 ▾



View or change your data under My Connect.

Advanced Search Criteria

General Search

Define your Workbook

Search Forecast Data Historical Data

Category Search

My Series Industry Geography [Expand all / Collapse all](#)

Metals

Filter selection

Display Cost Models Only [Remove filters](#) Show Mnemonic Highlight Cost Models

Lead

Aluminum

Copper

Work with your data in Cost Analyzer by selecting it from the My Series tab. From here, it behaves like any other time series data in Cost Analyzer.

Email Alerts

Use My Connect to customize email alerts and access saved information

HOME CHEMICAL ECONOMICS GEOGRAPHY DASHBOARD MAP MY CONNECT

FEATURED RESEARCH



CHEMICAL
Global Plastics & Polymers - Monthly Market Report Issue 223

CHEMICAL

My Connect

My Connect is your single access point for notification s items and additional features.



Customers First

Tell us

You are following the **My Connect** content below

EMAIL NOTIFICATIONS: Settings

Immediate

0

At any time

Daily

0

@ 1 pm

Weekly

0

Mon @ 1 pm

Standard Email Notification 0

ON CONNECT

- Tool Queries 17
- Dashboards 1
- Documents 0
- Pages 0
- Searches 0
- My Reports 0
- Images 0

FOLDERS New folder

- Read Later 8

Standard Email Notifications

Other Standard Emails notifications available:

| Notification Name | Source | Immediate | Daily | Weekly |
|------------------------------------------|----------------------------------------|--------------------------|--------------------------|--------------------------|
| Upstream Company Research | Upstream Oil and Gas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Transactions Research | Upstream Oil and Gas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Plays & Basins - Profiles | Upstream Oil and Gas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Plays & Basins - E&P Trends & Analysis | Upstream Oil and Gas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LNG Waterborne Trade Port Alerts | Power, Gas, Coal, and Renewables | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LNG Value Chain - Assets, Markets, Trade | Power, Gas, Coal, and Renewables | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LNG Trade Alerts | Power, Gas, Coal, and Renewables | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LPG Alerts | Oil Markets, Midstream, and Downstream | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Energy Headline Analysis: World | Headline Analysis: Energy | | <input type="checkbox"/> | |
| Energy Headline Analysis: Oceania | Headline Analysis: Energy | | <input type="checkbox"/> | |
| Energy Headline Analysis: Europe | Headline Analysis: Energy | | <input type="checkbox"/> | |
| Energy Headline Analysis: Asia | Headline Analysis: Energy | | <input type="checkbox"/> | |

User Options

Access search, help, settings, and your user profile at the top of the page

The screenshot shows the IHS Connect website interface. At the top left is the IHS logo and 'IHS Connect® Version 4.0'. A search bar is located at the top center. To the right of the search bar are icons for help, settings, and user profile. Below the search bar is a navigation menu with categories: HOME, CHEMICAL, ECONOMICS, ENERGY, RISK, ENERGYVIEW, GEOGRAPHY, DASHBOARD, MAP, and MY CONNECT. The main content area is titled 'FEATURED RESEARCH' and contains several articles. Three callout boxes are overlaid on the page, each pointing to a specific icon in the top navigation bar. The first callout points to the search icon, the second to the help icon, the third to the settings icon, and the fourth to the user profile icon. Below the featured research, there are sections for 'Latest Research' and 'HOT TOPICS'. On the right side, there is a 'Recommended for You' section and a 'Download on the App Store' button. A vertical green bar on the far right edge of the page reads 'View Connect Version 3.9'.

Enter a search term and click to access IHS Connect Search.

Hover over to search Help or Visit our online help center for training and support.

Hover over to show subscribed content or all content.

Hover over to update your profile, change your password, or log out.

View Connect Version 3.9



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For questions or assistance, contact our Customer Care team

Log in today at
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