



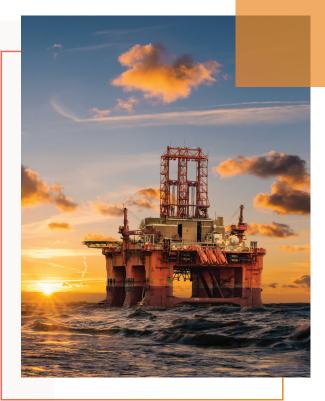
## **Global Industrial Outlook**

#### Future Trends & Spending Forecast for the Global Industrial Market

### **2021 North America & International Edition**

The 2021 Global Industrial Outlook provides in-depth analysis of industrial plant capital and maintenance spending for 12 industries. In this online product, gain instant access to industry assessments authored by IIR's research experts, a forecast spending projection by budget type and region, plus plant statistics, key economic indicators and IIR's market indicators. All statistics in the Global Outlook product are updated quarterly to reflect changes in our projections as well as reporting actuals to forecast.

Gain instant access today in an online environment and enjoy quarterly updates throughout the year as we keep you up to date with the latest market intelligence authored and compiled by industrial Info's industry experts.





#### **Industry Forecast**

In the global outlook, IIR provides users with our 2021 projections by industry and region along with two years of historical spending values. For global markets, numbers are captured for the traditional regions (North America, Middle America, South America, Europe, Asia, Africa & Oceania) and for commonly grouped regions such as the Middle East, Middle East North Africa (MENA), Brazil, Russia, India & China (BRIC) and Asia Pacific.



### **Plant Statistics**

Get the latest counts of the number of operational plants by industry and region for North America, along with analysis on plant startups and closures projected for 2021 and historically back five years.



Global Industrial Outlook

Industry	2015			2016			2017		
	Capital	MRO	Total	Capital	MRO	Total	Capital	MRO	Total
Power (Electric Generation)	\$605.19	\$119.18	\$724.37	\$612.82	\$120.46	\$733.28	\$607.39	\$123.08	\$730.47
Terminals (OII, Gas, Liquids)	582.23	\$25.67	\$107.90	\$82.94	\$26.83	\$109.77	\$85.35	\$27.69	\$114.05
Transmission (Oil, Gas, Liquids)	\$102.37	\$21.59	\$123.95	\$104.58	\$21.01	\$125.38	\$114.75	\$21.01	\$136.56
Production (Onshore Oil & Gas)	\$195.42	\$30.34	\$225.76	\$180.49	\$30.03	\$210.52	\$180.80	\$30.96	\$211,76
Alternative Fuel	\$23.71	\$5.55	\$29.26	\$22.65	\$5.67	\$28.32	\$23.39	\$5.46	\$23.06
Petroleum Refining	594.41	\$28.30	\$122.71	\$92.57	\$28.35	\$120.93	\$91.10	\$29.45	\$120.55
Chemical Processing	\$274.35	\$60.54	\$334.99	\$281.92	\$52.59	\$344.61	\$202.49	\$52.69	\$345.17
Metals & Minerals	\$342.12	\$70.00	\$412.92	\$324.00	\$67.03	\$392.63	\$311.55	\$55.13	\$377.69
Pulp, Paper & Wood	\$61.62	\$15.50	877.12	\$82.19	\$16.18	\$78.38	\$61.13	\$15.38	877.51
Food & Beverage	\$73.02	\$23.19	\$96.21	\$75.66	\$23.54	\$99.20	\$77.78	\$24.00	\$101.87
Industrial Manufacturing	\$221.99	\$68.55	\$290.55	\$223.45	\$66.78	\$290.23	\$227.05	\$69.59	\$296.65
Pharmaceutical & Biotech	\$77.34	\$22.57	\$99.91	\$80.40	\$23.61	\$104.00	\$02.35	\$23.46	\$105.01
Total \$ (Billions)	\$2,153.78	\$491.09	\$2,645.66	\$2,144.47	\$493.78	\$2,638.25	\$2,146.16	\$500.00	\$2,646.95

#### IIR's spending projections for 12 industrial market sectors include:

- Electric power
- Bulk Liquids Storage Terminals
- Oil & Gas transmission
- Oil & Gas Production
- Alternative Fuels
- Petroleum Refining

- Chemical Processing
- Metals & Minerals
- Pulp, paper & wood
- Food & Beverage
- Industrial Manufacturing
- Pharmaceutical & Biotech

## **Online Features & Accessibility**

The Industrial Outlook is an online product, which gives you dynamic features not available in printed materials, including access from any internet location and quarterly updates. In addition, project spending statistics are now available as easily downloaded graphs and CSVs, which allow the data to be used to best serve your specific needs.

# How do we provide a well-qualified forecast?

The global industrial outlook is created from IIR's database of thousands of capital and maintenance projects verified through plant surveys. These projects are constantly re-verified by our research staff to capture schedule or status changes that identify projects that have been placed on hold or canceled.