Worldwide demand growth for steel pipe will be paced by continued strong increases in developing markets through 2019. The pace of gains will decelerate from that of the 2009-2014 period as construction activity slows in China and other developing countries, and as oil and gas exploration moderates in North America after a period of rapid growth. Steel will remain the dominant pipe material in energy applications, but in other markets it will face greater competition from plastic and other materials that offer cost or performance advantages.

Growth in large Chinese market to remain above global average

China, by far the world’s largest national market in 2014, was a primary driver of growth in steel pipe demand between 2004 and 2014. Expansion across all steel pipe markets, especially in structural, mechanical, OEM, and construction applications, fueled world steel pipe demand. Through the forecast period, advances in steel pipe demand in China are projected to decelerate significantly, though growth will remain above the global average. In contrast to slowing growth in the Chinese market, demand for steel pipe in several other countries in Asia is projected to accelerate through 2019. India will see strong improvement in growth, driven by an acceleration in construction spending and expansion in its manufacturing sector.

The North American market contracted between 2004 and 2009 due to economic recession, but saw robust 2009-2014 growth, driven by a boom in demand for pipe for oil and gas production. Through 2019, demand in North America is projected to decelerate significantly, due to a slowdown in investment in the energy sector.

Oil & gas leading steel pipe market

The oil and gas market is the leading application for steel pipe, accounting for over half of demand in 2014. Steel makes up the vast majority of pipe utilized in oil and gas transportation and especially production due to its high strength and its pressure and thermal resistance. Demand for oil and gas pipe saw healthy advances between 2009 and 2014, driven by growth in China and North America; however, advances are expected to decelerate through 2019 because of slowing exploration and drilling based on already high production levels and lower oil prices.

Other markets to see demand gains

Steel pipe used in equipment manufacturing is expected to see above average growth through 2019. Structural steel will also register growth above the global average. Although slowing growth in the oil and gas market will limit advances, increases in construction spending will drive demand. Steel pipe also sees significant use in the construction market. Construction demand for steel pipe will see an acceleration through 2019 due to rebounding demand in developed regions.

Study coverage

This study analyzes world demand for steel pipe. It offers historical demand data (2004, 2009 and 2014) plus forecasts (2019 and 2024) for total demand as well as demand by market (oil and gas, structural, mechanical and OEM, construction, industrial processing and other), for six regions and 20 countries. The study also considers market environment factors, evaluates company market share and profiles 25 global players.
World Steel Pipe

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Spain: Steel Pipe Demand by Market

Demand for steel pipe in Spain totaled 450,000 metric tons in 2014. Through 2019, demand is expected to advance 1.7 percent per annum in volume terms to 490,000 metric tons, a rate above the regional average, as the steel pipe market in Spain recovers from low demand in the 2014 base year.

In 2019, oil and gas line pipe demand is projected to be 121,000 metric tons, slightly higher than the 2014 level. Line pipe demand is projected to remain approximately stable as the country’s economic recovery sustains growth in infrastructure spending after a slightly elevated 2014; however, demand will remain lower than the 2004 level as growth in infrastructure spending will remain subdued and petroleum consumption continues its trend of slow declines. Distribution pipe demand is also expected to rise in line with the improving construction market.

Steel pipe used in structural, mechanical, and equipment manufacturing applications accounted for close to half of total pipe demand in Spain in 2014. Through 2019, demand is projected to rise 2.1 percent per annum to 238,000 metric tons, driven by recovery in durable goods output as well as the improving construction market. However, the trend of slow declines through the forecast period is expected to remain below the historical low demand in the early 2000s, mirroring patterns in both manufacturing output and the construction market. Renewed investment in the manufacturing sector will also support rising demand for industrial processing and other types of pipe. Demand for these types of pipe is projected to reach 42,000 metric tons in 2019.

Demand for steel pipe in construction applications in Spain was 81,100 metric tons in 2014, just over one-third of the 2008 peak. By 2019, demand for both nonresidential building construction and nonbuilding construction applications is expected to recover, with demand projected to reach 85,000 metric tons.

### Table V-13
**ARGENTINA: MACROECONOMIC INDICATORS & STEEL PIPE DEMAND**

<table>
<thead>
<tr>
<th>Item</th>
<th>2004</th>
<th>2009</th>
<th>2014</th>
<th>2019</th>
<th>2024</th>
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</thead>
<tbody>
<tr>
<td>Population (millions)</td>
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<tr>
<td>GDP/capita</td>
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<tr>
<td>Gross Domestic Product (bil 2013$)</td>
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<tr>
<td>Oil &amp; Gas Production (quadrillion Btu)</td>
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<tr>
<td>Construction Expenditures (bil 2013$)</td>
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<tr>
<td>Manufacturing Value Added (bil 2013$)</td>
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<td>$ oil &amp; gas pipe/bil Btu &amp; gas prdn</td>
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<td>$ construction pipe/000$ construction</td>
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<td>$ other pipe/000$ MVA</td>
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<tr>
<td>Steel Pipe Demand (mil $)</td>
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<tr>
<td>Oil &amp; Gas</td>
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<tr>
<td>Structural, Mechanical, &amp; OEM</td>
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<td>Construction</td>
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<td>Industrial Processing &amp; Other</td>
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</tbody>
</table>

Source: The Freedonia Group

### Table VI-12
**INDONESIA: STEEL PIPE DEMAND BY MARKET**

<table>
<thead>
<tr>
<th>Item</th>
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<th>2009</th>
<th>2014</th>
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<tbody>
<tr>
<td>Gross Fixed Investment (bil 2013$)</td>
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<td>m tons/mil $ GFCF</td>
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<td>Steel Pipe Demand</td>
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<td>Oil &amp; Gas</td>
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<td>Line Pipe</td>
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<td>Distribution</td>
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<td>Structural, Mechanical, &amp; OEM</td>
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<td>Construction</td>
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<td>Industrial Processing &amp; Other</td>
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<td>+ exports</td>
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<tr>
<td>Steel Pipe Production</td>
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Source: The Freedonia Group

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- Determine your market & sales potential
- Learn more about industry competitors
- Assess new products & technologies
- Identify firms to merge with or acquire
- Complement your research & planning
- Gather data for presentations
- Confirm your own internal data
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- Interviewing key industry participants, experts & end users
- Researching a proprietary database that includes trade publications, government reports & corporate literature

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