

# Production of Ferrous and Non-Ferrous Metals and Metal Products.

## Description:

Ferrous Metals mostly contain Iron. Ferrous Metals are magnetic and give little resistance to corrosion. All ferrous metals contain some form of iron which make them magnetic in quality. Ferrous metals also include different types of steel. Stainless steel, mild steel, carbon steel, cast iron, and wrought iron are good examples.

Non-Ferrous Metals do not contain Iron, are not magnetic and are usually more resistant to corrosion than ferrous metals. Non-ferrous metals include metals like aluminium, copper, zinc and lead that find application in many industrial and infrastructural uses like real estate, automotive, defence, rail, power etc.

The demand for non-ferrous metals like aluminium and copper is likely to grow around 8 per cent over the next five years. The expected demand growth in the non-ferrous metals industry is even better than the healthy trend observed in the last five years, the demand for these metals is expected to grow by around 8 per cent in line with strong economic prospects, thrust on manufacturing sector, healthy growth in key end-use segments further aided by rising usage intensity.

In India, the demand for non-ferrous metals to a large extent is influenced by sectors including automotive and renewable energy. In the last five years, these end use sectors have grown at a healthy pace.

Non-ferrous metals are used as raw or subsidiary materials to make products in virtually all manufacturing segments. Their use has further expanded into high-tech electronic and IT industries in recent years. In particular, their consumption has sharply increased in developing countries where high economic growth continues, with new infrastructure being built alongside active industrial production.

Industry expected to post CAGR of 7% over 2015-2020 driven by increasing steel production in India and capacity additions in aluminium industry. Turnover of basic precious and non-ferrous metals rises by 8% driven by 16% growth of precious metals. In 2015, steel production value increases by 12% boosting demand for non-ferrous metals such as zinc and tin. Imports of precious metals rise by 27% to Rs740 billion in 2015 driven by increased imported volume of gold and silver. Indian basic precious and non-ferrous metals market rises by 8.3% driven by increased demand for precious metals gold and silver.

**For more details download PDF file.**

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