



# Global Steel Trade Monitor

## Steel Exports Report: Ukraine

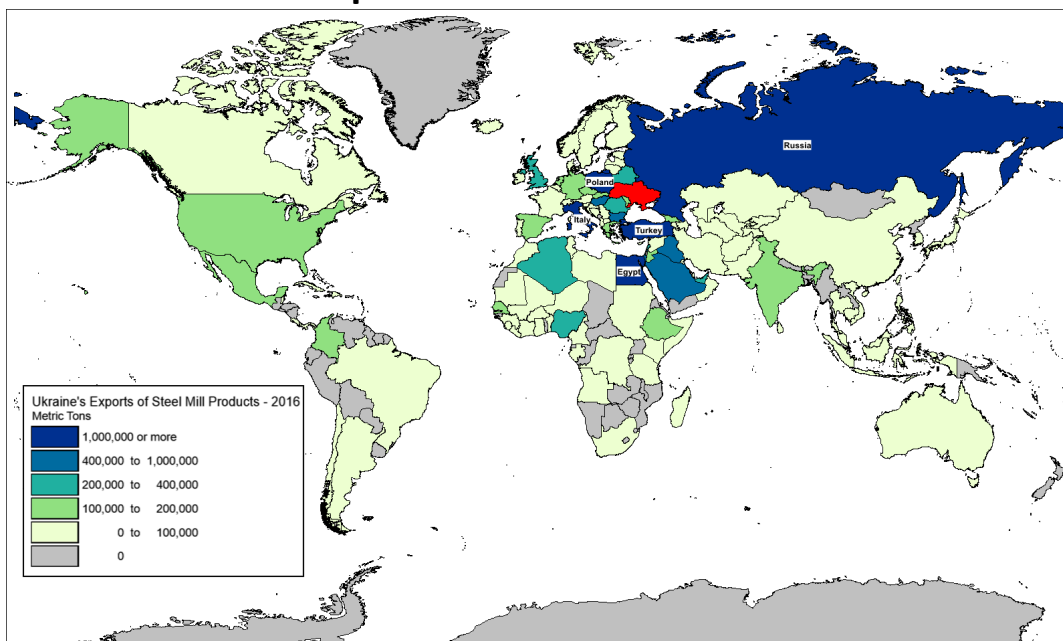
### Background

March 2017

Ukraine is the world's sixth-largest steel exporter. In 2016, Ukraine exported 18.2 million metric tons of steel, a 3 percent increase from 17.8 million metric tons in 2015. Ukraine's exports represented about 4 percent of all steel exported globally in 2015, based on available data. The volume of Ukraine's 2016 steel exports was slightly larger than that of Italy and Belgium, and roughly one-sixth the size of the largest exporter, China. In value terms, steel represented 17 percent of the total amount of goods Ukraine exported in 2016.

Ukraine exports steel to more than 160 countries and territories. The five countries labeled in the map below represent the top markets for Ukraine's exports of steel, receiving more than 1 million metric tons each and accounting for 54 percent of Ukraine's steel exports in 2016.

Ukraine's Exports of Steel Mill Products - 2016



Data Source: Global Trade Atlas; Copyright © IHS Global Inc. 2017. All rights reserved.

### Quick Facts:

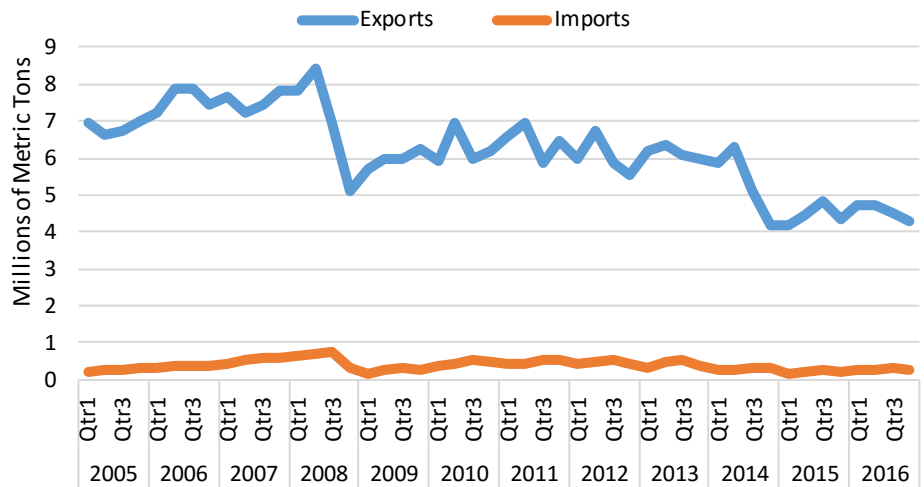
- World's sixth-largest steel exporter: 17.8 million metric tons (2016)
- 30% decline in steel exports between 2011-2016
- Year-on-year export volume up 3% while export value down 9%
- Exports as a share of production at 75.2% in 2016
- Top three markets: Egypt, Turkey, Italy
- Largest producers: Metinvest, ISD Corporation, JSC Zaporizhstal
- 19 trade remedies in effect in 8 countries involving steel mill imports from Ukraine

# Steel Exports Report: Ukraine

## Steel Trade Balance

Over the past decade, Ukraine has maintained a trade surplus in steel mill products. Between 2009 and 2013, Ukraine's steel trade surplus averaged 23.1 million metric tons per year. A drop in exports in 2014 caused the surplus to narrow. Although it has declined 41 percent since peaking in 2006, Ukraine's steel trade surplus nonetheless stood at 17.1 million metric tons in 2016, up 1 percent from 16.95 million metric tons in 2015.

Ukraine's Trade in Steel Mill Products by Quarter



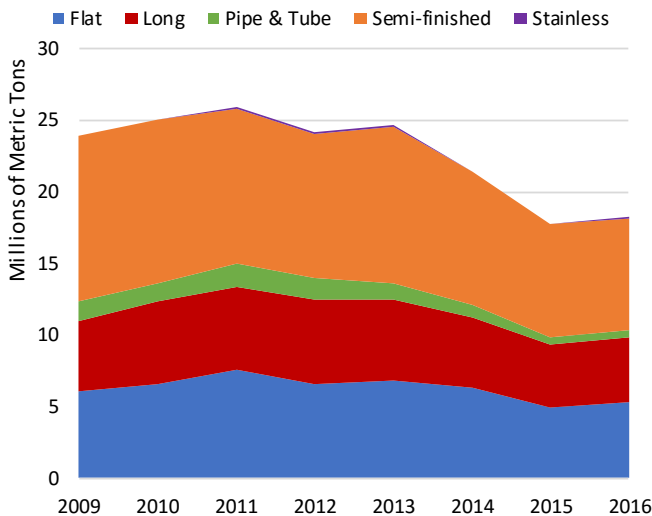
Source: IHS Global Trade Atlas

## Export Volume, Value, and Product

Since the most recent peak at 25.9 million metric tons in 2011, the volume of Ukraine's steel exports has been trending downwards. While exports in 2016 increased by 3 percent to 18.2 million metric tons from 17.8 million metric tons in 2015, between 2011 and 2016, exports decreased by 30 percent. By contrast, the value of Ukraine's 2016 exports decreased by 9 percent from 2015 and 66 percent from 2011.

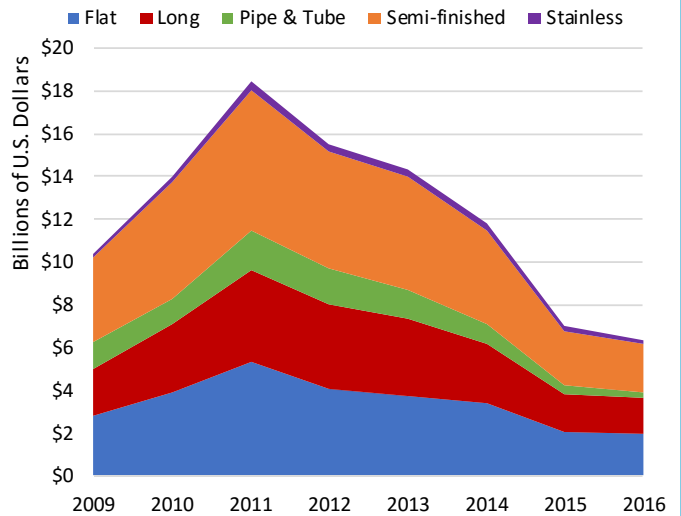
Semi-finished products accounted for the largest volume share of Ukraine's steel exports at 43 percent, or 7.8 million metric tons, in 2016. Flat products accounted for 29 percent, or 5.3 million metric tons, followed by long products at 25 percent (4.5 million metric tons), pipe and tube products at 3 percent (488.7 thousand metric tons), and stainless steel at 0.3 percent (50.4 thousand metric tons).

Ukraine's Exports of Steel Mill Products  
Millions of Metric Tons



Source: IHS Global Trade Atlas

Ukraine's Exports of Steel Mill Products  
Billions of U.S. Dollars



Source: IHS Global Trade Atlas

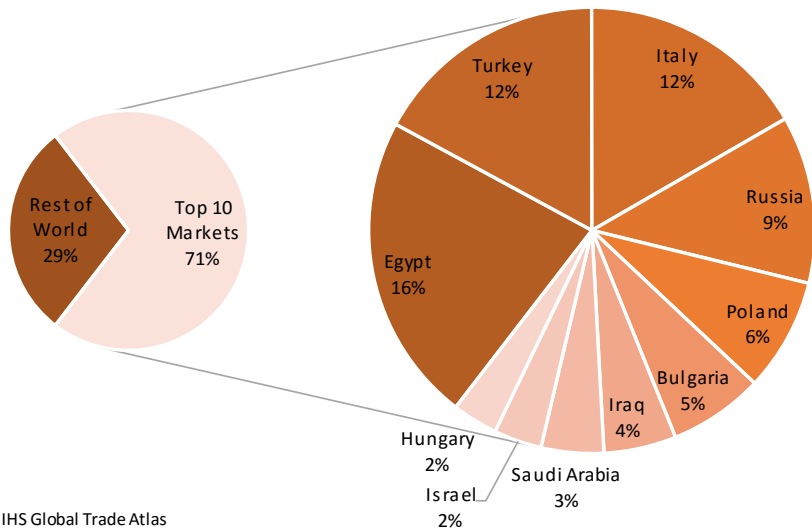
# Steel Exports Report: Ukraine

## Exports by Top Market

Exports to Ukraine's top 10 steel markets represented 71 percent of Ukraine's steel export volume in 2016 at 12.9 million metric tons (mmt). Egypt received the largest share of Ukraine's exports with 16 percent (2.9 mmt), followed by Turkey at 12 percent (2.2 mmt), Italy at 12 percent (2.2 mmt), and Russia at 9 percent (1.6 mmt).

At 176.9 thousand metric tons, the United States ranked 19th as a destination for Ukraine's steel exports in 2016, up 17.2 percent from 150.9 thousand metric tons in 2015.

**Ukraine's Steel Exports - Top 10 Markets**  
2016 - Millions of Metric Tons



Source: IHS Global Trade Atlas

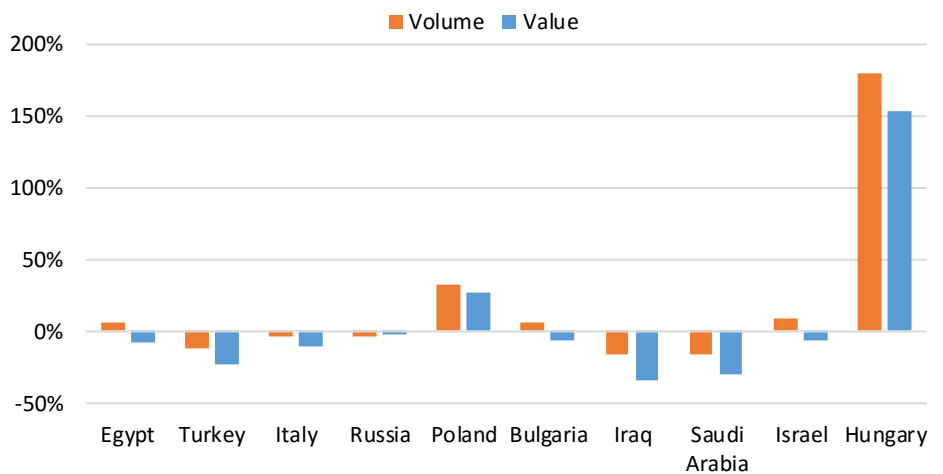
## Trends in Exports to Top Markets

While the volume of Ukraine's steel exports increased to half of its top 10 steel export markets between 2015 and 2016, the overall value of Ukraine's steel exports decreased to eight of the top 10 markets, reflecting the decline in global steel prices.

Ukraine's exports to Iraq showed the largest decrease in value in 2016, down 34.3 percent from 2015, followed by Saudi Arabia (down 30.5%), Turkey (down 23.7%), and Italy (down 10.1%). Exports to Saudi Arabia, Iraq, and Turkey also saw the largest decreases in volume terms, down 16.6 percent, 16 percent, and 12.5 percent, respectively.

Ukraine's export volumes to Hungary and Poland showed the largest volume increases in 2016 and were the only top 10 markets to see increases in export value. Exports to Hungary were up 179.6 percent by volume and 153.4 percent by value, while exports to Poland were up 32.6 percent by volume and 27 percent by value.

**Percent Change in Exports to Top 10 Markets (2015 to 2016)**



Source: IHS Global Trade Atlas

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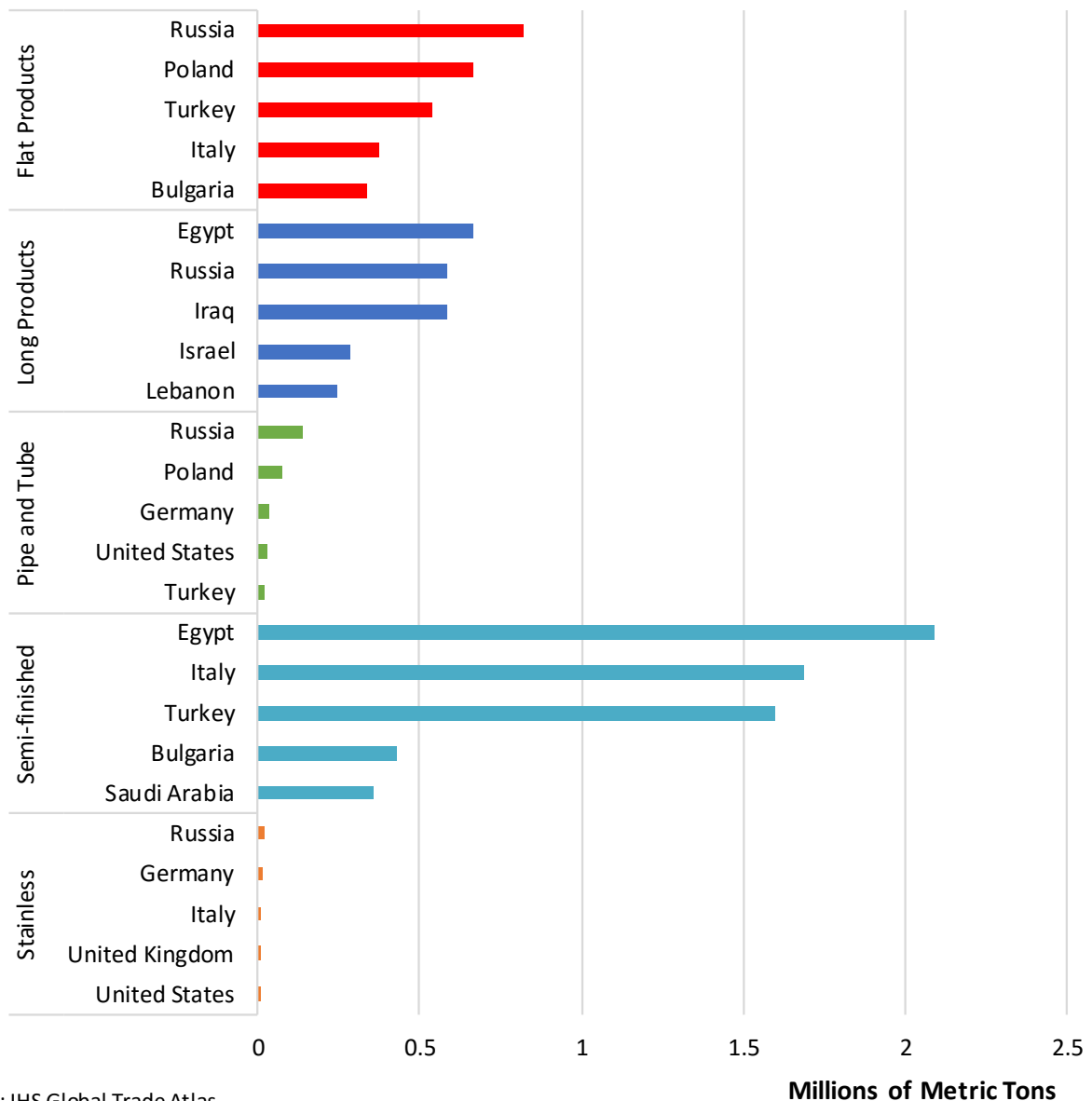
## Top Markets by Steel Product Category

Ukraine's top export markets by volume vary across types of steel products. In 2016, Russia received 15 percent of Ukraine's exports of flat products (819.6 thousand metric tons). Russia also received 29 percent of Ukraine's pipe and tube exports (141 thousand metric tons) and 38 percent of stainless steel exports (19.3 thousand metric tons).

Egypt received the largest share of long product exports at 15 percent (662 thousand metric tons) in 2016, followed by Russia at 13 percent (588.4 thousand metric tons). Egypt also received the largest share of Ukraine's semi-finished steel at 27% (2.1 million metric tons).

Pipe and tube and stainless were the only product categories for which the United States was a top-five export destination.

### Ukraine's Top 5 Export Markets by Product - 2016



Source: IHS Global Trade Atlas

# Steel Exports Report: Ukraine

## Ukraine's Import Market Share in Top Destinations

Among Ukraine's top export destinations for which 2015 data are available, the import market share for Ukraine's steel products decreased notably in both Egypt (down 31 percentage points) and Turkey (down 7.8 percentage points). Italy, Poland, and the United Kingdom all experienced small decreases in their share of imports from Ukraine. In contrast, the share of Bulgaria's imports from Ukraine rose significantly (up 12.9 percentage points).

Among Ukraine's top export markets, Russia and Bulgaria received more than 30 percent of their steel imports from Ukraine. In 2015, long products accounted for the largest share of steel imports from Ukraine in Russia (47% or 795 thousand metric tons), while flat products accounted for the largest share in Bulgaria (42% or 375 thousand metric tons).

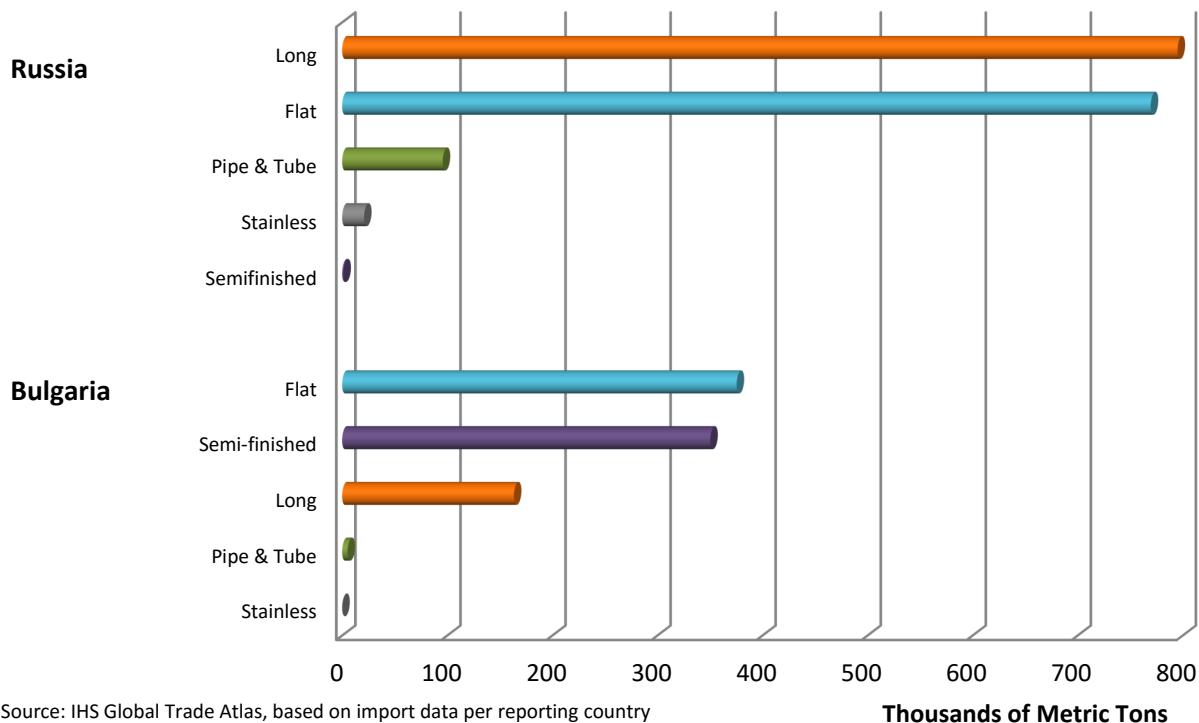
Ukraine's Steel Import Market Share				
Top 10 Export Destinations	Share of Imports from Ukraine - 2014	Ukraine's Rank in 2014	Share of Imports from Ukraine - 2015	Ukraine's Rank in 2015
Egypt	36.0%	1	5.0%	2
Turkey	22.1%	1	14.3%	3
Italy	13.2%	2	11.6%	3
Russia	37.7%	1	37.9%	1
Bulgaria	39.4%	1	52.3%	1
Iraq	N/A	N/A	N/A	N/A
Poland	11.1%	2	8.9%	2
Saudi Arabia	N/A	N/A	N/A	N/A
Israel*	11.4%	3	11.7%	3
United Kingdom	3.3%	10	3.0%	11

Source: IHS Global Trade Atlas, based on import data per reporting country

\*Israel data based on value, not quantity (quantity data not reported)

Note: Import data for Iraq and 2014/2015 data for Saudi Arabia not available

## Steel Import Composition of Top Market-Share Countries - 2015

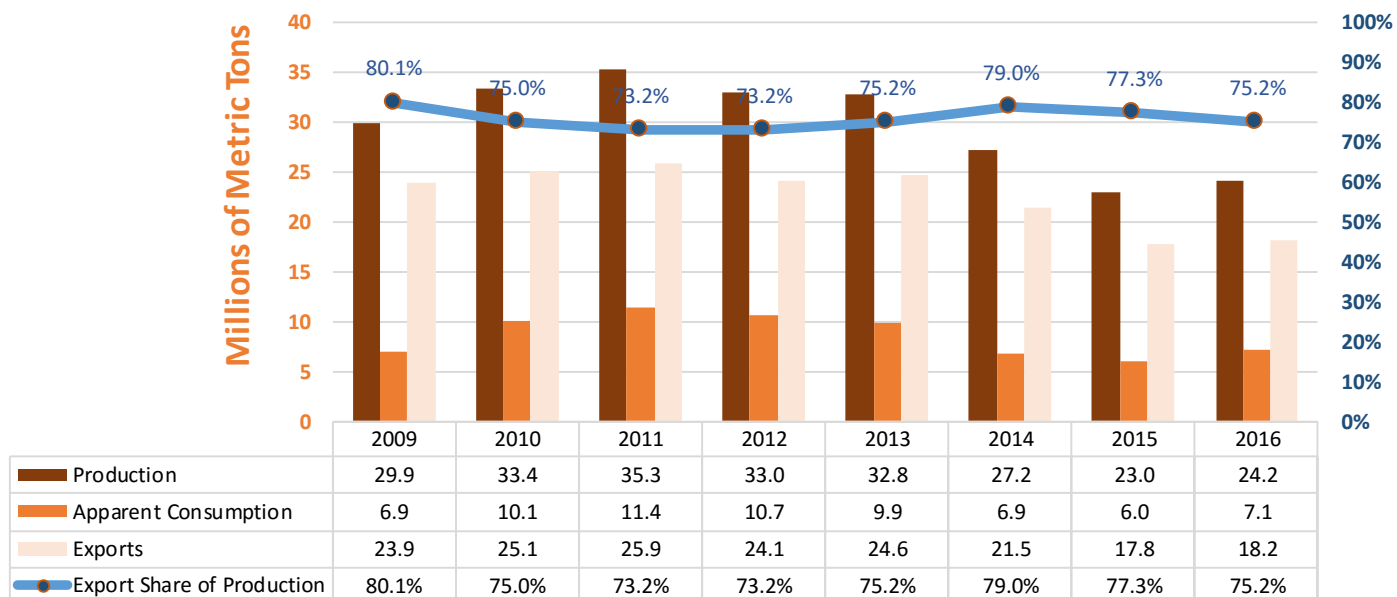


Source: IHS Global Trade Atlas, based on import data per reporting country

# Steel Exports Report: Ukraine

## Overall Production and Export Share of Production

### Ukraine's Export Share of Steel Production



Sources: World Steel Association; IHS Global Trade Atlas

Ukraine's crude steel production increased by 18 percent between 2009 and 2011 before falling by 35 percent between 2011 and 2015. In 2016, production increased 5 percent to 24.2 million metric tons from 23 million metric tons in 2015. Apparent consumption (a measure of steel demand) shrank in tandem with overall production between 2011 and 2015, but production has dwarfed demand by an average of 21.2 million metric tons since 2009. Demand in 2016 was up 19 percent from 2015 but still fell behind production by 17.1 million metric tons.

While Ukraine's steel exports as a share of production decreased by 6.9 percentage points between 2009 and 2011, that figure had rebounded 4.1 percentage points to 77.3 percent by 2015. The export share of production decreased slightly to 75.2 percent in 2016 from 77.3 percent in 2015 as production grew slightly faster than exports.

### Top Producers

Ukraine's steel production is heavily concentrated in three major companies: Metinvest Holding, Industrial Union of Donbas (ISD), and JSC Zaporizhstal Iron and Steelworks (49.9% owned by Metinvest). The three companies together accounted for 18.5 million metric tons of production, or 80.5 percent of the country's 2015 total production of 23 million metric tons, based on available data.

Ukraine's Top Steel Producers in 2015			
Rank	Company	Production (mmt)	Main Products
1	Metinvest Holding	9.7	Hot-rolled, plate, billet, bars, rails, pipe
2	ISD	4.8	Hot-rolled, cold-rolled, plate, pipe
3	JSC Zaporizhstal	4.0 (2014)	Hot-rolled, cold-rolled, plate, tinplate, formed products

Source: World Steel Association; Bloomberg

# Steel Exports Report: Ukraine

## Trade Remedies in the Steel Sector

Antidumping duties (AD), countervailing duties (CVD), associated suspension agreements, and safeguards are often referred to collectively as trade remedies. These are internationally agreed upon mechanisms to address the market-distorting effects of unfair trade, or serious injury or threat of serious injury caused by a surge in imports. Unlike anti-dumping and countervailing measures, safeguards do not require a finding of an “unfair” practice. Before applying these duties or measures, countries investigate allegations and can remedy or provide relief for the injury caused to a domestic industry. The table below provides statistics on the current number of trade remedies various countries have against steel mill products from Ukraine.

<b>Steel Mill Trade Remedies in Effect Against Ukraine</b>				
<b>Country</b>	<b>AD</b>	<b>CVD</b>	<b>Suspension Agreements and Undertakings</b>	<b>Total</b>
Brazil	2			2
Canada	3			3
Eurasian Economic Union	4			4
European Union	1			1
Indonesia	1			1
Mexico	3			3
Thailand	1			1
United States	2		2	4
<b>TOTAL</b>	<b>17</b>	<b>0</b>	<b>2</b>	<b>19</b>

Source: World Trade Organization, through December 1, 2016

<b>Global Steel Mill Safeguards in Effect</b>	
<b>Country</b>	<b>Product(s)</b>
Egypt	Steel rebar
India	1) Hot-rolled steel in coils; 2) Hot-rolled steel flat sheets and plates
Indonesia	1) Articles of finished casing and tubing; 2) Flat-rolled products of iron or non-alloy steel; 3) I and H sections of other alloy steel; 4) Bars and rods, hot-rolled, in irregularly wound coils
Malaysia	Hot-rolled steel plate
Morocco	1) Cold-rolled sheets and plated or coated sheets; 2) Reinforcing bars and wire rods
Philippines	Steel angle bars
Thailand	1) Hot-rolled steel flat products with certain amounts of alloying elements; 2) Unalloyed hot-rolled steel flat products in coils and not in coils; 3) Structural hot-rolled H-beams with alloy
Vietnam	Semi-finished and certain finished products of alloy and non-alloy steel

Source: World Trade Organization, through February 24, 2017

# Steel Exports Report: Glossary

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**Apparent Consumption:** Domestic crude steel production plus steel imports minus steel exports. Shipment data are not available for all countries, therefore crude steel production is used as a proxy.

**Export Market:** Destination of a country's exports.

**Flat Products:** Produced by rolling semi-finished steel through varying sets of rolls. Includes sheets, strips, and plates. Used most often in the automotive, tubing, appliance, and machinery manufacturing sectors.

**Import Penetration:** Ratio of imports to apparent consumption.

**Import Source:** Source of a country's imports.

**Long Products:** Steel products that fall outside the flat products category. Includes bars, rails, rods, and beams. Used in many sectors but most commonly in construction.

**Pipe and Tube Products:** Either seamless or welded pipe and tube products. Used in many sectors but most commonly in construction and energy sectors.

**Semi-finished Products:** The initial, intermediate solid forms of molten steel, to be re-heated and further forged, rolled, shaped, or otherwise worked into finished steel products. Includes blooms, billets, slabs, ingots, and steel for castings.

**Stainless Products:** Steel products containing at minimum 10.5% chromium (Cr) offering better corrosion resistance than regular steel.

**Steel Mill Products:** Carbon, alloy, or stainless steel produced by either a basic oxygen furnace or an electric arc furnace. Includes semi-finished steel products and finished steel products. For trade data purposes, steel mill products are defined at the Harmonized System (HS) 6-digit level as: 720610 through 721650, 721699 through 730110, 730210, 730240 through 730290, and 730410 through 730690. The following discontinued HS codes have been included for purposes of reporting historical data (prior to 2007): 722520, 722693, 722694, 722910, 730410, 730421, 730610, 730620, and 730660.

**Global Steel Trade Monitor:** The monitor provides global import and export trends for the top countries trading in steel products. The current reports expand upon the early release information already provided by the Steel Import Monitoring and Analysis (SIMA) system that collects and publishes data on U.S. imports of steel mill products. Complementing the SIMA data, these reports provide objective and current global steel industry information about the top countries that play an essential role in the global steel trade. Information in these reports includes global exports and import trends, production and consumption data and, where available, information regarding trade remedy actions taken on steel products. The reports will be updated quarterly.

**Steel Import Monitoring and Analysis (SIMA) System:** The Department of Commerce uses a steel import licensing program to collect and publish aggregate data on near real-time steel mill imports into the United States. SIMA incorporates information collected from steel license applications with publicly released data from the U.S. Census Bureau. By design, this information provides stakeholders with valuable information on the steel trade with the United States. For more information about SIMA, please go to <http://enforcement.trade.gov/steel/license/>.



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