

# EU-28 STEEL SCRAP STATISTICS

(FOR 2016)

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# EU-28 AND WORLD CRUDE STEEL PRODUCTION (MILLION TONNES)



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	<b>2016</b>	<b>2015</b>	<b>% Change</b>
EU-28	162.3	166.2	-2.3
World	1628.5	1615.4	+0.8

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Source: worldsteel

# EU-28 CRUDE STEEL PRODUCTION AND STEEL SCRAP USE (MILLION TONNES)



	2016	2015	% Change
Crude Steel Production	162.293	166.173	-2.3
Total Steel Scrap Use	88.272	90.614	-2.6
<b>Ratio Steel Scrap/Crude Steel in %</b>	<b>54.39</b>	<b>54.53</b>	

Source: worldsteel and EUROFER

# STEEL SCRAP USE FOR STEELMAKING IN KEY COUNTRIES AND REGIONS (MILLION TONNES)



	Steel Scrap Consumption			Crude Steel Production		
	2016	2015	% Change	2016	2015	% Change
EU-28	88.272	90.614	-2.6	162.293	166.173	-2.3
China	90.1	83.3	+8.2	808.4	798.8	+1.2
USA	56.7(e*)	56.5	+0.4	78.6	78.8	-0.3
Japan	33.576	33.526	+0.15	104.774	105.134	-0.3
Korea Rep.	27.404	29.853	-8.2	68.567	69.670	-1.6
Turkey	25.877	24.058	+7.6	33.163	31.517	+5.2
Russia	17.212	17.274	-0.4	70.800	70.900	-0.1

Source: worldsteel, EUROFER, CAMU, ISRI/USGS, TCUD, Japan Ministry of Economy, KOSA, Impextrade LLC, Russia (e\*) - estimated

# STEEL SCRAP FOR STEELMAKING IN EU-28 COUNTRIES (MILLION TONNES)



	Steel Scrap Consumption			Crude Steel Production		
	2016	2015	% Change	2016	2015	% Change
Austria	2.584	2.711	-4.7	7.438	7.687	-3.2
Belgium	3.075	3.064	+0.4	7.686	7.252	+5.9
Bulgaria	0.565	0.582	-2.9	0.501	0.543	-7.7
Croatia	0	0.130	0	0	0.122	-99.9
Czech Rep.	1.889	1.886	+0.2	5.305	5.262	+0.8
Finland	2.231	2.129	+4.8	4.101	3.988	+2.8
France	7.028	7.376	-4.7	14.633	14.984	-2.3

# STEEL SCRAP FOR STEELMAKING IN EU-28 COUNTRIES (MILLION TONNES)



	Steel Scrap Consumption			Crude Steel Production		
	2016	2015	% Change	2016	2015	% Change
Germany	18.360	18.491	-0.7	42.082	42.676	-1.4
Greece	1.360	1.071	+26.9	1.199	0.910	+31.8
Hungary	0.560	0.620	-9.7	1.274	1.675	-23.9
Italy	19.911	19.499	+2.1	23.341	22.018	+6.0
Luxembourg	2.450	2.396	+2.3	2.260	2.127	+6.2
Netherlands	1.583	1.731	-8.5	6.917	6.995	-1.1
Poland	5.569	5.433	+2.5	8.939	9.198	-2.8
Portugal	2.140	2.158	-0.9	2.028	2.035	-0.3



# STEEL SCRAP FOR STEELMAKING IN EU-28 COUNTRIES (MILLION TONNES)



	Steel Scrap Consumption			Crude Steel Production		
	2016	2015	% Change	2016	2015	% Change
Romania	1.764	1.832	-3.7	3.313	3.352	-1.2
Slovakia	1.379	1.345	+2.5	4.808	4.562	+5.4
Slovenia	0.690	0.670	+3.0	0.613	0.604	+1.6
Spain	10.396	11.679	-11.0	13.654	14.845	-8.0
Sweden	2.185	2.115	+3.3	4.620	4.374	+5.6
UK	2.556	3.700	-30.9	7.561	10.964	-30.9
<b>EU-28</b>	<b>88.272</b>	<b>90.614</b>	<b>-2.6</b>	<b>162.293</b>	<b>166.173</b>	<b>-2.3</b>

Sources: Steel Scrap Consumption: EUROFER ; Steel Production: worldsteel

# MAIN STEEL SCRAP IMPORTERS IN THE WORLD (MILLION TONNES)



	Jan-June 2016	Jan-June 2015	% Change
Turkey	17.716	16.251	+9.0
India	6.380	6.710	-4.9
Korea Rep.	5.845	5.758	+1.5
USA	3.864	3.513	+10.0
EU-28	2.743	2.328	-3.7
China	2.162	2.328	-7.1
Canada	1.839	1.516	+21.3
Belarus	1.235	1.382	-10.6
Thailand	0.953	0.945	+0.8
Switzerland	0.460	0.475	-3.2

Source: Official Trade Statistics/WV Stahl

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# MAIN STEEL SCRAP EXPORTERS IN THE WORLD (MILLION TONNES)



Bureau of  
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	2016	2015	% Change
EU-28	17.807	13.763	+29.4
USA	13.230	12.976	+2.0
Japan	8.706	7.839	+11.1
Russia	5.573	5.646	-1.3
Canada	3.632	3.415	+6.4
Australia	1.583	1.898	-16.6
Hong Kong	1.347	1.239	+8.7
Singapore	1.048	0.844	+24.2

Source: Official Trade Statistics/WV Stahl

# EU-28 STEEL SCRAP TRADE (MILLION TONNES)



Exports to Third Countries			Imports from Third Countries		
2016	2015	% Change	2016	2015	% Change
17.807	13.793	+29.4	2.743	2.849	-3.7

**Remark: The Export Surplus of 2016 was 15.064m tonnes**

Source: Official Trade Statistics/WV Stahl

# EU-28 APPARENT DOMESTIC SUPPLY OF STEEL SCRAP (MILLION TONNES)



	2016	2015	% Change
Steel Scrap Use	88.272	90.614	-2.6
minus Steel Scrap Imports from Third Countries	2.743	2.849	-3.7
Subtotal	85.529	87.765	-2.5
plus Steel Scrap Exports to Third Countries	17.807	13.793	+29.4
Apparent Domestic Supply of Steel Scrap in the EU-28	103.336	101.558	+1.8

Source: EUROFER and Official Trade Statistics/WV Stahl

# EU-28 STEEL SCRAP EXPORTS TO THIRD COUNTRIES (MILLION TONNES)



## EU-28 STEEL SCRAP EXPORTS 2016 (MILLION TONNES)

### Biggest Buyers

**Total EU-28 exports 2016:  
17.807 (+29.4%)**

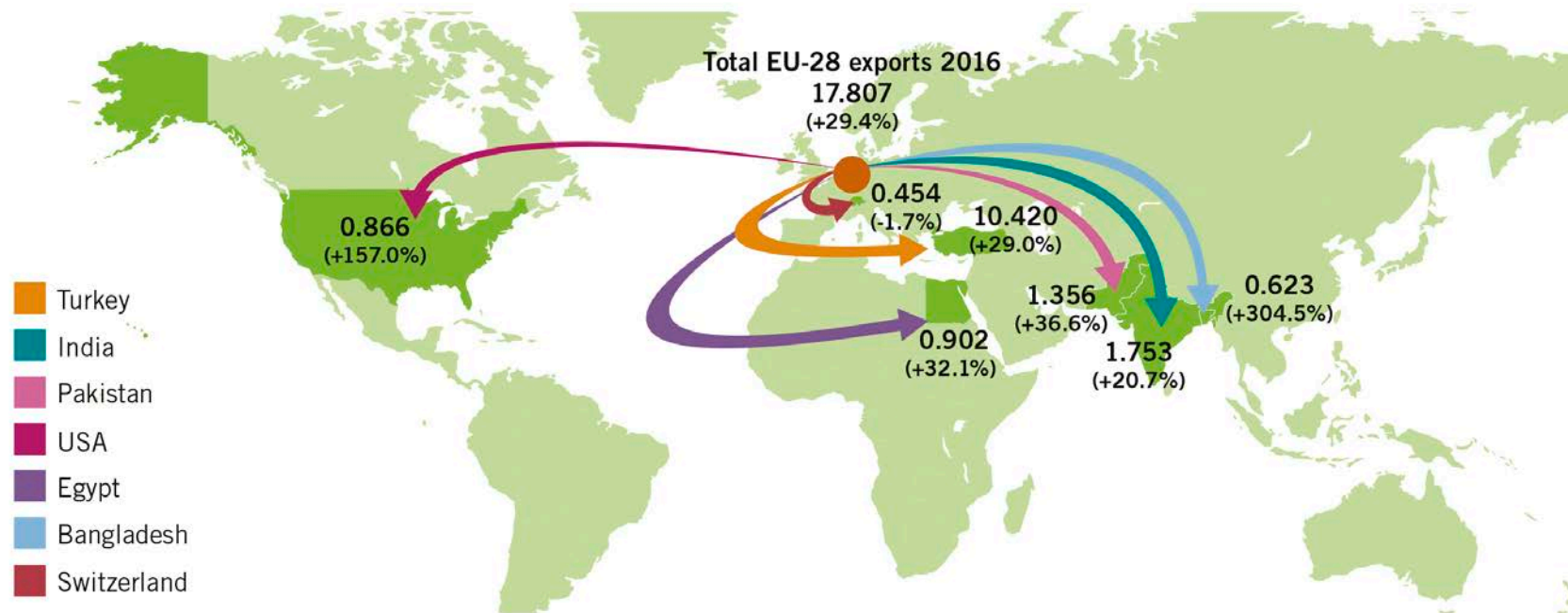
Turkey: 10.420 (+29.0%)	India: 1.753 (+20.7%)	Pakistan: 1.356 (+36.6%)	Egypt: 0.902 (+32.1%)	USA: 0.866 (+157.0%)	Bangladesh: 0.623 (+304.5%)	Switzerland: 0.454 (-1.7%)
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Change:% 2016/2015

Source: Official Trade Statistics/WV Stahl

# MAIN FLOWS OF EU-28 STEEL SCRAP EXPORTS

## MAIN FLOWS OF EU-28 STEEL SCRAP EXPORTS 2016 (MILLION TONNES)



Change:% 2016/2015

Source: Official Trade Statistics/WV Stahl

# EU-28 EXTERNAL STEEL SCRAP EXPORTS BY COUNTRY (MILLION TONNES)



## Steel Scrap Exports by main EU-28 Exporters to Third Countries

Exporters	2016	2015	% Change	Biggest Buyers	2016	% Change
UK	6.332	4.881	+29.7	Turkey	2.541	+8.4
				India	1.027	+12.6
				Pakistan	0.881	+29.6
				Egypt	0.600	+132.6
				Bangladesh	0.444	+348.5
				USA	0.364	+163.8
Netherlands	3.076	1.912	+60.9	Turkey	2.337	+71.8
				USA	0.182	+130.4
				India	0.170	+45.3
				China	0.125	+37.4
				Morocco	0.119	-9.2



# EU-28 EXTERNAL STEEL SCRAP EXPORTS BY COUNTRY (MILLION TONNES)



## Steel Scrap Exports by main EU-28 Exporters to Third Countries

Exporters	2016	2015	% Change	Biggest Buyers	2016	% Change
Belgium	2.436	1.955	+24.6	Turkey	1.846	+31.5
				Egypt	0.281	-26.8
				India	0.112	+124.0
Germany	1.096	0.820	+33.7	Turkey	0.424	+82.0
				Switzerland	0.334	-0.3
				India	0.138	+3.8
Sweden	0.881	0.656	+34.3	USA	0.278	+131.7
				Turkey	0.217	-12.5
				Norway	0.153	+41.7

# EU-28 EXTERNAL STEEL SCRAP EXPORTS BY COUNTRY (MILLION TONNES)



## Steel Scrap Exports by main EU-28 Exporters to Third Countries

Exporters	2016	2015	% Change	Biggest Buyers	2016	% Change
France	0.774	0.535	+44.7	Turkey	0.589	+108.1
				Switzerland	0.058	-15.9
Romania	0.418	0.491	-14.9	Turkey	0.411	-7.4
Bulgaria	0.221	0.205	+7.8	Turkey	0.177	19.6
<b>EU-28 Extra Trade</b>	<b>17.807</b>	<b>13.763</b>	<b>+29.4</b>			

Source: Official Trade Statistics/WV Stahl  
% Change 2016/2015

# EU-28 INTERNAL STEEL SCRAP EXPORTS BY COUNTRY (MILLION TONNES)



## Main Steel Scrap Exports between EU-28 Countries

Exporters	2016	2015	% Change	Biggest Buyers	2016	% Change
Germany	7.437	7.286	+2.1	Netherlands	1.932	+10.5
				Italy	1.464	+6.7
				Belgium	1.345	+23.6
				Luxembourg	1.263	+5.2
				France	0.627	-28.3
France	4.718	4.917	-4.0	Spain	1.549	-12.6
				Belgium	1.354	+4.8
				Luxembourg	0.809	+6.0
				Italy	0.468	-12.5

# EU-28 INTERNAL STEEL SCRAP EXPORTS BY COUNTRY (MILLION TONNES)



## Main Steel Scrap Exports between EU-28 Countries

Exporters	2016	2015	% Change	Biggest Buyers	2016	% Change
Netherlands	2.169	2.702	-19.7	Germany	0.706	-6.0
				Finland	0.386	-8.3
				Belgium	0.361	-48.6
Czech Rep.	1.793	1.670	+7.4	Germany	0.690	+21.9
				Poland	0.436	+27.9
				Austria	0.267	-25.6
UK	1.766	2.355	-25.0	Spain	0.891	-27.0
				Portugal	0.411	-22.3

# EU-28 INTERNAL STEEL SCRAP EXPORTS BY COUNTRY (MILLION TONNES)



## Main Steel Scrap Exports between EU-28 Countries

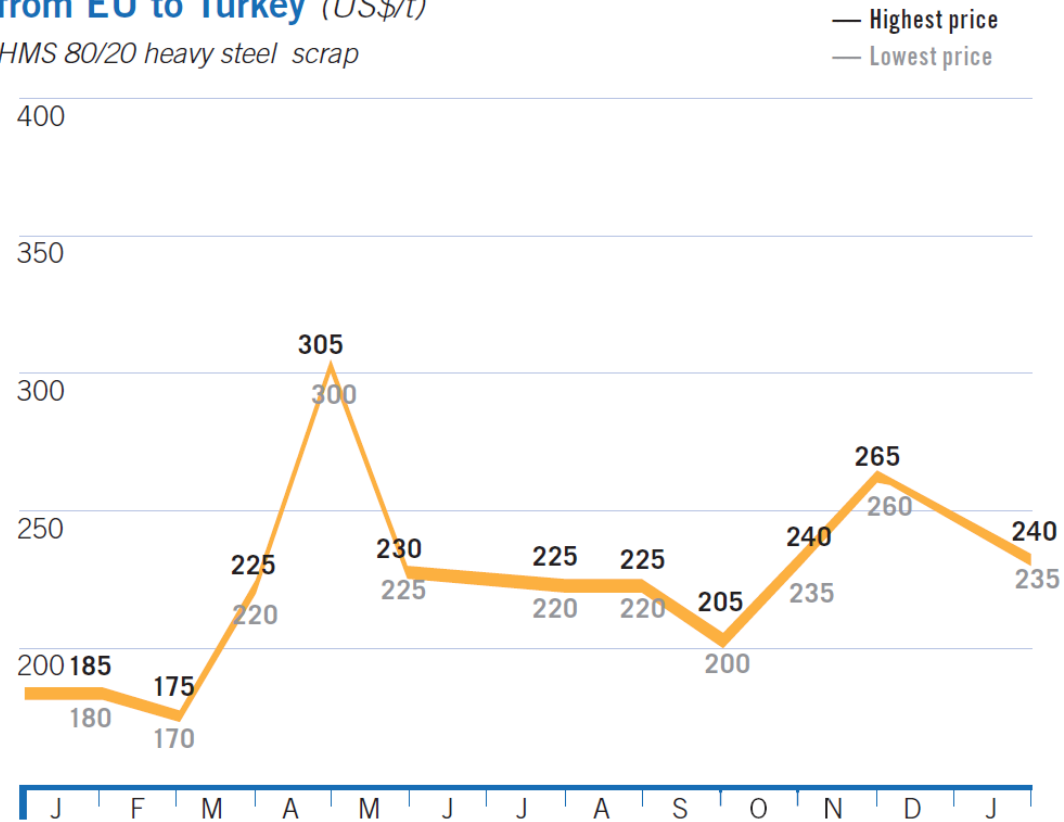
Exporters	2016	2015	% Change	Biggest Buyers	2016	% Change
Poland	1.201	1.342	-10.5	Germany	0.626	-15.6
				Czech Rep.	0.301	-12.8
Belgium	1.115	1.190	-6.3	France	0.513	-18.4
				Netherlands	0.326	+19.0
Austria	0.513	0.538	-4.6	Italy	1.045	+4.6
				Germany	0.359	+16.6
<b>EU-28 Intra Trade</b>	<b>26.691</b>	<b>27.693</b>	<b>-3.6</b>			

Source: Official Trade Statistics/WV Stahl  
% Change 2016/2015

# STEEL SCRAP PRICE CURVES (JANUARY 2016-2017)

## CFR Prices for shipments from EU to Turkey (US\$/t)

HMS 80/20 heavy steel scrap



source: **R** Recycling International

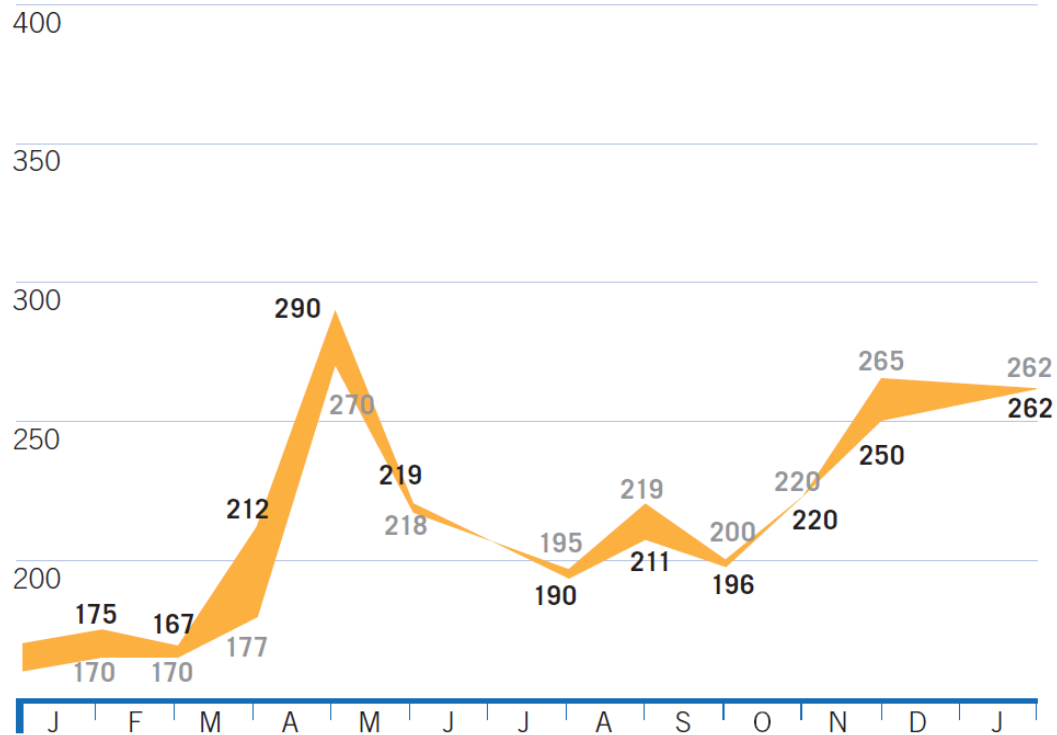
# STEEL SCRAP PRICE CURVES (JANUARY 2016-2017)



## USA Export Prices\* (US\$/GRT)

HMS 1, heavy steel scrap (1/4 Inch)

— Fob East Coast price  
— Fob West Coast price



source: **R** Recycling International

**Thank you for your attention!**

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