

WORLD STEEL RECYCLING IN FIGURES

(2019 EU-28 UPDATE OF THE 10TH EDITION BY ROLF WILLEKE)

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BIR Ferrous Statistics

For

EFR Branch General Assembly

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WORLD CRUDE STEEL PRODUCTION (MILLION TONNES)



| | 2019 | 2018 | % Change |
|---------------|-----------------|-----------------|-------------|
| EU-28 | 159.430 | 167.655 | -4.9 |
| Other Europe | 37.333 | 40.821 | -8.5 |
| C.I.S | 100.168 | 100.799 | -0.6 |
| North America | 119.962 | 120.880 | -0.8 |
| South America | 41.161 | 44.947 | -8.4 |
| Africa | 13.530 | 14.530 | -6.9 |
| Middle East | 42.879 | 35.582 | +20.5 |
| Asia | 1327.926 | 1254.452 | +5.9 |
| Oceania | 6.160 | 6.341 | -2.9 |
| World | 1869.900 | 1808.414 | +3.4 |

Source: worldsteel

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



| | Steel Scrap Consumption | | | Crude Steel Production | | |
|------------|-------------------------|--------|----------|------------------------|---------|----------|
| | 2019 | 2018 | % Change | 2019 | 2018 | % Change |
| China | 215.93 | 187.77 | +15.0 | 996.342 | 920.027 | +8.3 |
| EU-28 | 87.545 | 90.939 | -3.7 | 159.430 | 167.655 | -4.9 |
| USA | 60.7 | 60.1 | +1.0 | 87.927 | 86.607 | +1.5 |
| Japan | 33.684 | 36.513 | -7.7 | 99.284 | 104.319 | -4.8 |
| Turkey | 27.900 | 31.317 | -10.9 | 33.743 | 37.312 | -9.6 |
| Russia | 30.397 | 31.776 | -4.3 | 71.939 | 72.816 | -1.2 |
| Korea Rep. | 22.391 | 23.151 | -3.3 | 54.187 | 53.119 | +2.0 |

Source: CAMU, EUROFER, USGS/ISRI calculations, Japan Ministry of Economy, TCUD, Rusmet, KOSA, worldsteel

MAIN STEEL SCRAP IMPORTERS IN THE WORLD (MILLION TONNES)



| | 2019 | 2018 | % Change |
|------------|--------|--------|----------|
| Turkey | 18.857 | 20.660 | -8.7 |
| India | 7.053 | 6.330 | +11.4 |
| Korea Rep. | 6.495 | 6.393 | +1.6 |
| USA | 4.268 | 5.030 | -15.1 |
| Taiwan | 3.523 | 3.629 | -2.9 |
| EU-28 | 2.893 | 2.828 | +2.3 |
| Indonesia | 2.614 | 2.510 | +4.1 |
| Canada | 2.129 | 3.471 | -38.7 |

MAIN STEEL SCRAP EXPORTERS IN THE WORLD (MILLION TONNES)



| | 2019 | 2018 | % Change |
|-----------|--------|--------|----------|
| EU-28 | 21.793 | 21.656 | +0.6 |
| USA | 17.685 | 17.332 | +2.0 |
| Japan | 7.657 | 7.402 | +3.4 |
| Canada | 4.369 | 5.107 | -14.5 |
| Russia | 4.059 | 5.591 | -27.4 |
| Australia | 2.325 | 1.968 | +18.1 |
| Hong Kong | 0.958 | 1.295 | -26.0 |
| Singapore | 0.759 | 0.775 | -2.1 |

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 | 2019 | 2018 | % Change | Biggest Buyers | Jan-Sep 2018 | % Change |
|-------------|-------|-------|----------|----------------|--------------|----------|
| UK | 6.613 | 7.031 | -6.0 | Turkey | 2.142 | -15.0 |
| | | | | Pakistan | 0.993 | -6.0 |
| | | | | Egypt | 0.958 | +12.0 |
| | | | | India | 0.799 | +14.0 |
| | | | | Bangladesh | 0.739 | +35.0 |
| Netherlands | 3.837 | 3.651 | +5.0 | Turkey | 3.055 | +26.0 |
| | | | | India | 0.257 | +8.0 |
| | | | | USA | 0.137 | -47.0 |

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



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

| Exporters | 2019 | 2018 | % Change | Biggest Buyers | 2019 | % Change |
|-----------|-------|-------|----------|----------------|-------|----------|
| Belgium | 2.655 | 2.768 | -4.0 | Turkey | 1.356 | -29.0 |
| | | | | Egypt | 0.870 | +64.0 |
| | | | | India | 0.209 | +73.0 |
| Germany | 1.362 | 1.373 | -1.0 | Turkey | 0.673 | -3.0 |
| | | | | Switzerland | 0.253 | -28.0 |
| | | | | India | 0.224 | +25.0 |

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



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

| Exporters | 2019 | 2018 | % Change | Biggest Buyers | 2019 | % Change |
|-----------|-------|-------|----------|----------------|-------|----------|
| Sweden | 1.001 | 0.898 | +11.0 | Turkey | 0.391 | -3.0 |
| | | | | USA | 0.196 | -11.0 |
| | | | | Norway | 0.168 | +17.0 |
| France | 0.888 | 0.960 | -8.0 | Turkey | 0.638 | -5.0 |
| | | | | Switzerland | 0.071 | -21.0 |
| | | | | India | 0.052 | -24.0 |

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



Main Steel Scrap Exports between EU-28 Countries

| Exporters | 2019 | 2018 | % Change | Biggest Buyers | 2019 | % Change |
|-----------|-------|-------|----------|----------------|-------|----------|
| Germany | 7.098 | 7.407 | -4.0 | Netherlands | 1.757 | +12.0 |
| | | | | Italy | 1.735 | -7.0 |
| | | | | Luxembourg | 1.096 | -11.0 |
| | | | | Belgium | 1.067 | -18.0 |
| | | | | France | 0.549 | -7.0 |
| France | 5.704 | 5.704 | +3.0 | Spain | 1.959 | +12.0 |
| | | | | Belgium | 1.678 | +5.0 |
| | | | | Luxembourg | 0.811 | +2.0 |
| | | | | Italy | 0.576 | -14.0 |

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



Main Steel Scrap Exports between EU-28 Countries

| Exporters | 2019 | 2018 | % Change | Biggest Buyers | 2019 | % Change |
|-------------|-------|-------|----------|----------------|-------|----------|
| Netherlands | 2.476 | 2.673 | -0.3 | Germany | 0.926 | -3.0 |
| | | | | Belgium | 0643 | -5.0 |
| | | | | Finland | 0.367 | -7.0 |
| Czech Rep. | 2.248 | 2.279 | -1.0 | Germany | 1.022 | +2.0 |
| | | | | Poland | 0.445 | -2.0 |
| UK | 1.421 | 1.662 | -14.0 | Spain | 0.753 | -10.0 |
| | | | | Portugal | 0.238 | -25.0 |

MAIN FLOWS OF STEEL SCRAP EXPORTS IN THE WORLD (MILLION TONNES)



| Exporters | 2019 | % Change | Biggest Buyers | 2019 | % Change |
|-----------|--------|----------|----------------|--------|----------|
| EU-28 | 21.793 | +0.6 | Turkey | 12.021 | +0.6 |
| | | | Egypt | 2.015 | +24.1 |
| | | | India | 1.883 | +21.5 |
| | | | Pakistan | 1.642 | +1.3 |
| | | | Bangladesh | 0.956 | +33.9 |
| | | | USA | 0.528 | +35.4 |
| | | | Indonesia | 0.525 | -5.8 |
| | | | Switzerland | 0.388 | -21.0 |

MAIN FLOWS OF STEEL SCRAP EXPORTS IN THE WORLD (MILLION TONNES)



| Exporters | 2019 | % Change | Biggest Buyers | 2019 | % Change |
|-----------|--------|----------|----------------|-------|----------|
| USA | 17.685 | +2.0 | Turkey | 3.916 | +14.1 |
| | | | Taiwan | 1.882 | -4.6 |
| | | | Canada | 1.726 | +22.5 |
| | | | Mexico | 1.456 | -19.6 |
| | | | Vietnam | 1.271 | +24.4 |
| | | | Korea Rep. | 1.081 | +20.2 |
| | | | Bangladesh | 1.013 | +19.3 |

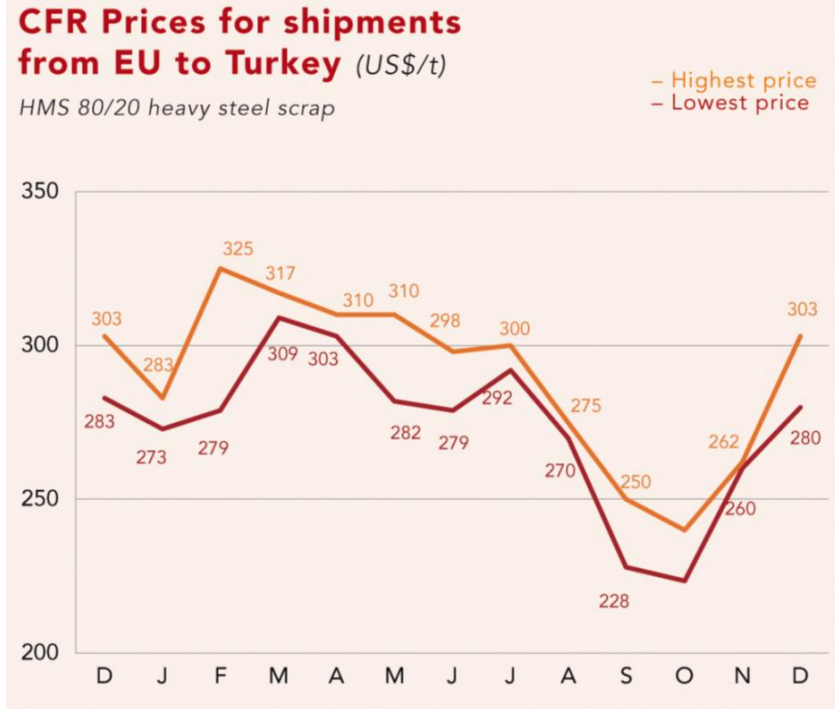
EU-28 APPARENT DOMESTIC SUPPLY OF STEEL SCRAP (MILLION TONNES)



| | 2019 | 2018 | % Change |
|---|---------|---------|----------|
| Steel Scrap Use | 87.545 | 90.930 | -3.7 |
| Minus Steel Scrap Imports From Third Countries | 2.893 | 2.828 | +2.3 |
| Subtotal | 84.652 | 88.102 | -3.9 |
| Plus Steel Scrap Exports to Third Countries | 21.793 | 21.656 | +0.6 |
| Apparent Domestic Supply of Steel Scrap in the EU-28 | 106.445 | 109.758 | -3.0 |

Source: Eurofer, WV Stahl

FERROUS PRICE CHART 12/2018-12/2019



Source: Recycling International

Thank you for your attention!

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