

# **“BIG BOOK” METALS & MINERALS REPORT**

Analyzing 2020 Imports & the Impact of COVID-19

Reporting the latest available data from the U.S. Census and Bills of Lading with cumulative trade values over the preceding year. Top commodity rankings based on total FOB Value. COVID-19 impact measured by year-over-year comparisons in value.

# KEEPING TRACK OF TRENDS IN THE METALS & MINERALS INDUSTRY

Prior to COVID-19, it was already a challenge for business leaders to keep pace with shifts in import trends. From duty and tariff changes, to economic fluctuations, changes in demand, and more, the volume and value of commodities can shift and impact a business's bottom line. In addition, over the last few decades, globalization has prompted businesses to be more connected, meaning global imports and exports flow more quickly and any changes can have a far-reaching impact.

Today, as industries begin to recover from the pandemic, it is critical that they stay informed. This is where accurate, current, and fully reviewed global trade data comes in.

This report covers the key salient points that business leaders should know across a broad range of industries.

## ABOUT THIS REPORT:

Allowing deeper insight than the "Big Book", this industry report provides in-depth analysis of the metals & minerals industry, market trends, and sourcing shifts by going beyond the value-based analysis of the "Big Book" and examining maritime imports by volume using Bills of Lading (BoL) data and measured by twenty-foot equivalent units (TEUs).

Our industry reports collect data up to the 31st of August for maritime volume, Bills of Lading data and up to July 31st for value-based, census data.

## ABOUT THE DATA

The data source for this report is Descartes Datamyne™, provider of the world's largest searchable trade database covering the global commerce of 230 markets across 5 continents.

The U.S. import data in this report has been gathered by Descartes Datamyne from U.S. Census data that document all U.S. imports and exports. U.S. Census data provides accurate valuations on imported commodities. Countries of origin reported are the countries from which shipments departed bound for the United States.

Maritime import volume data is collected through Bills of Lading maritime manifests submitted directly to Customs and Border Protection (CBP).

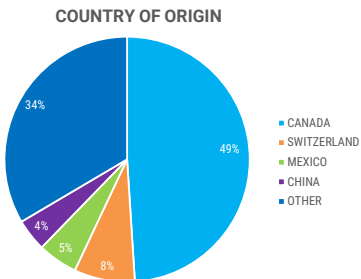
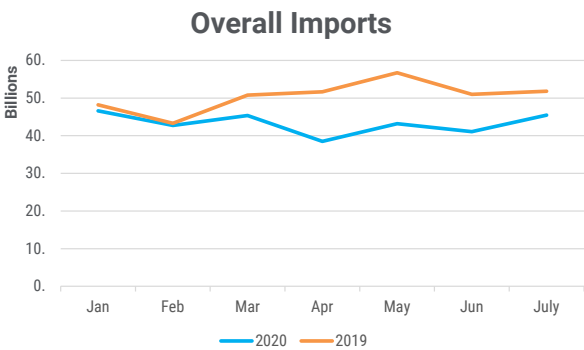
*Descartes Datamyne delivers business intelligence with comprehensive, accurate, up-to-date, import and export information. **Request a demo** to get started.*

# Metals & Minerals Industry Insights

## IMPORTS BY VALUE THROUGH JULY 31<sup>ST</sup>

### Overview & Digest

- The value of metal and mineral imports has fallen 14.3 percent in 2020 compared to the same period in 2019. The months of sharpest decline were April and May, together accounting for more than \$26 billion USD in reduced import value. January and February had the smallest percentile decline, only dropping from 2019 values by less than 3 percent.
- The primary reason for the overall declining value of metal and mineral imports is the sharp decrease in the value of petroleum oils [HS 2709]. The value of petroleum imports has dropped more than \$30 billions USD in 2020, a 41.1 percent decline. This follows a 15.3 percent decline in 2019 as increased domestic production has largely reduced the U.S. reliance on oil imports.
- The most prominent outlier among metals and mineral import values, imports of articles of precious metal or of metal clad with precious metal [HS 7115] has increased in value by well over 3,000 percent, going from just over \$560 million in 2019 to nearly \$20 billion in 2020.



| Product HS (4)  | 2019<br>FOB Value (US\$) | %     | 2020<br>FOB Value (US\$) | %    | Percentage<br>Change |
|---|--------------------------|-------|--------------------------|------|----------------------|
| 2709 - PETROLEUM OILS AND OILS FROM BITUMINOUS MINERALS, CRUDE  | \$ 77,427,340,517.00     | 32.91 | \$ 45,636,007,243.00     | 22.2 | -41.06%              |
| 7108 - GOLD (INCLUDING GOLD PLATED WITH PLATINUM), UNWROUGHT OR IN SEMIMANUFACTURED FORMS, OR IN POWDER FORM  | \$ 4,033,189,279.00      | 1.72  | \$ 27,491,408,743.00     | 13.4 | 581.63%              |
| 2710 - PETROLEUM OILS& OILS FROM BITUMINOUS MINS (OTHER THAN CRUDE)& PRODUCTS THEREFROM, OTHERS, CONTAINING 70% (BY WEIGHT) OR MORE OF THESE OILS; WASTE OILS | \$ 35,963,591,715.00     | 15.29 | \$ 19,794,220,360.00     | 9.6  | -44.96%              |
| 7115 - ARTICLES OF PRECIOUS METAL OR OF METAL CLAD WITH PRECIOUS METAL OTHERS   | \$ 561,398,096.00        | 0.24  | \$ 19,491,217,949.00     | 9.5  | 3371.91%             |
| 7102 - DIAMONDS, WHETHER OR NOT WORKED, BUT NOT MOUNTED OR SET  | \$ 12,787,071,767.00     | 5.44  | \$ 5,812,708,138.00      | 2.8  | -54.54%              |
| 7110 - PLATIMUN, UNWROUGHT OR IN SEMIMANUFACTURED FORMS, OR IN POWDER FORM  | \$ 3,373,424,118.00      | 1.44  | \$ 5,361,611,704.00      | 2.6  | 58.94%               |
| 7601 - ALUMINUM, UNWROUGHT  | \$ 5,189,949,422.00      | 2.21  | \$ 4,209,061,359.00      | 2.1  | -18.90%              |
| 8302 - MOUNTINGS AND OTHER HARDWARE FOR FURNITURE, DOORS, WINDOWS ETC.; HATRACKS, CASTORS ETC.; DOOR CLOSURES; THE FOREGOING AND PARTS THEREOF, OF BASE METAL | \$ 4,256,253,864.00      | 1.81  | \$ 3,575,407,278.00      | 1.8  | -16.00%              |
| 2711 - PETROLEUM GASES AND OTHER GASEOUS HYDROCARBONS   | \$ 5,829,165,716.00      | 2.48  | \$ 3,276,701,294.00      | 1.6  | -43.79%              |
| 7113 - ARTICLES OF JEWELRY AND PARTS THEREOF, OF PRECIOUS METAL OR OF METAL CLAD WITH PRECIOUS METAL  | \$ 4,537,630,044.00      | 1.93  | \$ 2,903,437,396.00      | 1.4  | -36.01%              |

### COVID-19 Impact

With the pandemic, stay-at-home orders and temporary shutdowns have drastically reduced demand for petroleum. This has continued through a historically high early summer when many Americans normally pack up for road trips and vacations.

Current forecasts are predicting a mild winter and energy demands may not increase enough to offset COVID-19's impact in the first half of 2020.

Regarding the imports of precious minerals, stones and jewelry under Section XIV, typically there is an inverse relationship with import volumes, more-so than any other commodity section. So far in 2020, import volumes of Section XIV commodities dropped 17.5 percent while values have increased by 117.2 percent. This is sometimes typical of precious stones and minerals with fluctuating supplies but consistent demand. Limited shipments and reduced supply due to coronavirus have certainly increased the price of these precious stones.

# Metals & Minerals Industry Insights

## TOP 35 IMPORTS BY VALUE THROUGH JULY 31<sup>ST</sup>

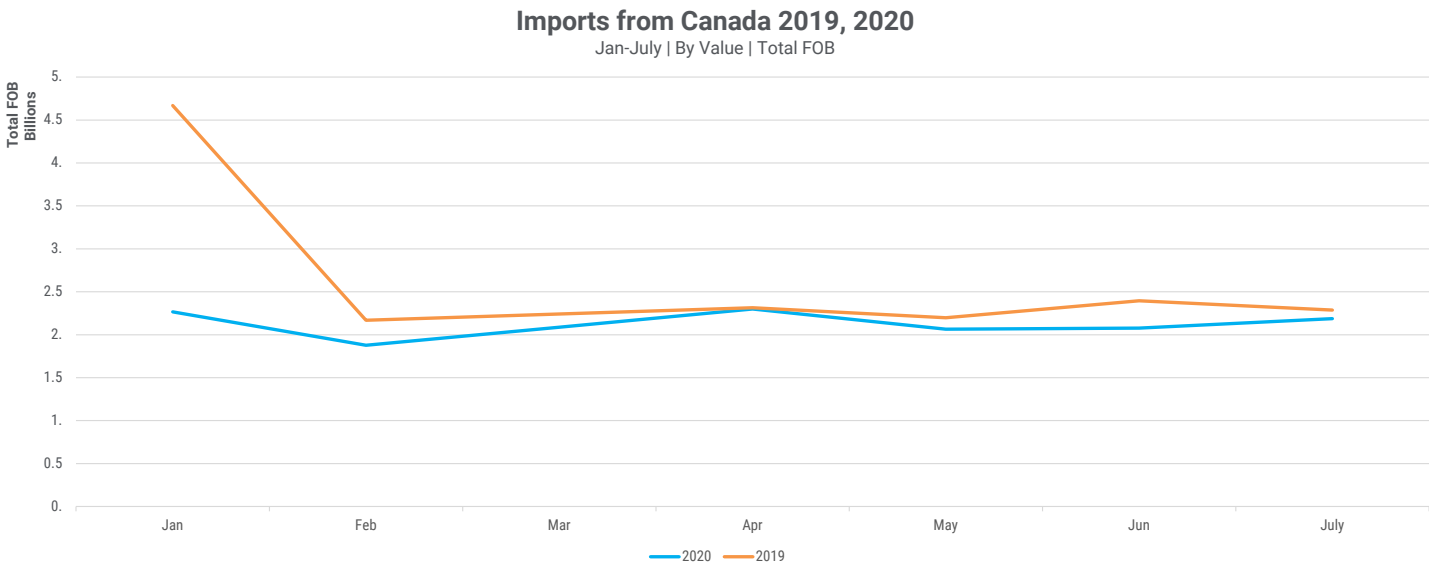
| Product HS (4)  | FOB Value (2019)  | %     | FOB Value (2020)  | %    | Percentage Change |
|---|-------------------|-------|-------------------|------|-------------------|
| 2709 - PETROLEUM OILS AND OILS FROM BITUMINOUS MINERALS, CRUDE  | \$ 77,427,340,517 | 32.91 | \$ 45,636,007,243 | 22.2 | -41.06%           |
| 7108 - GOLD (INCLUDING GOLD PLATED WITH PLATINUM), UNWROUGHT OR IN SEMIMANUFACTURED FORMS, OR IN POWDER FORM  | \$ 4,033,189,279  | 1.72  | \$ 27,491,408,743 | 13.4 | 581.63%           |
| 2710 - PETROLEUM OILS& OILS FROM BITUMINOUS MINS (OTHER THAN CRUDE)& PRODUCTS THEREFROM, OTHERS, CONTAINING 70% (BY WEIGHT) OR MORE OF THESE OILS; WASTE OILS | \$ 35,963,591,715 | 15.29 | \$ 19,794,220,360 | 9.6  | -44.96%           |
| 7115 - ARTICLES OF PRECIOUS METAL OR OF METAL CLAD WITH PRECIOUS METAL OTHERS   | \$ 561,398,096    | 0.24  | \$ 19,491,217,949 | 9.5  | 3371.91%          |
| 7102 - DIAMONDS, WHETHER OR NOT WORKED, BUT NOT MOUNTED OR SET  | \$ 12,787,071,767 | 5.44  | \$ 5,812,708,138  | 2.8  | -54.54%           |
| 7110 - PLATIMUN, UNWROUGHT OR IN SEMIMANUFACTURED FORMS, OR IN POWDER FORM  | \$ 3,373,424,118  | 1.44  | \$ 5,361,611,704  | 2.6  | 58.94%            |
| 7601 - ALUMINUM, UNWROUGHT  | \$ 5,189,949,422  | 2.21  | \$ 4,209,061,359  | 2.1  | -18.90%           |
| 8302 - MOUNTINGS AND OTHER HARDWARE FOR FURNITURE, DOORS, WINDOWS ETC.; HATRACKS, CASTORS ETC.; DOOR CLOSURES; THE FOREGOING AND PARTS THEREOF, OF BASE METAL | \$ 4,256,253,864  | 1.81  | \$ 3,575,407,278  | 1.8  | -16.00%           |
| 2711 - PETROLEUM GASES AND OTHER GASEOUS HYDROCARBONS   | \$ 5,829,165,716  | 2.48  | \$ 3,276,701,294  | 1.6  | -43.79%           |
| 7113 - ARTICLES OF JEWELRY AND PARTS THEREOF, OF PRECIOUS METAL OR OF METAL CLAD WITH PRECIOUS METAL  | \$ 4,537,630,044  | 1.93  | \$ 2,903,437,396  | 1.4  | -36.01%           |
| 7308 - STRUCTURES (EXCLUDING PREFAB BUILDINGS OF HEADING 9406) AND PARTS THEREOF (BRIDGES, TOWERS ETC.), INCLUDING PREPARED SHAPES ETC., OF IRON OR STEEL     | \$ 2,603,721,618  | 1.11  | \$ 2,887,883,030  | 1.4  | 10.91%            |
| 7318 - SCREWS, BOLTS, NUTS, COACH SCREWS, SCREW HOOKS, RIVETS, COTTERS, COTTER PINS, WASHERS AND SIMILAR ARTICLES, OF IRON OR STEEL                           | \$ 3,375,869,863  | 1.44  | \$ 2,772,380,421  | 1.4  | -17.88%           |
| 7326 - ARTICLES OF IRON OR STEEL, OTHERS  | \$ 3,244,788,098  | 1.38  | \$ 2,736,270,729  | 1.3  | -15.67%           |
| 7106 - SILVER (INCLUDING SILVER PLATED WITH GOLD OR PLATINUM), UNWROUGHT OR IN SEMIMANUFACTURED FORMS, OR IN POWDER FORM                                      | \$ 1,725,060,027  | 0.74  | \$ 2,660,867,702  | 1.3  | 54.25%            |
| 7403 - REFINED COPPER AND COPPER ALLOYS (OTHER THAN MASTER ALLOYS OF HEADING 7405), UNWROUGHT   | \$ 2,369,898,309  | 1.01  | \$ 2,321,350,952  | 1.1  | -2.05%            |
| 7321 - STOVES, RANGES, GRATES, COOKERS, BARBECUES, BRAZIERIS AND SIMILAR NONELECTRIC DOMESTIC APPLIANCES, AND PARTS THEREOF, OF IRON OR STEEL                 | \$ 2,089,461,343  | 0.89  | \$ 2,080,774,009  | 1.0  | -0.42%            |
| 7112 - WASTE AND SCRAP OF PRECIOUS METAL OR OF METAL CLAD WITH PRECIOUS METAL; OTHER WASTE AND SCRAP CONTAINING PRECIOUS METAL PRINCIPALLY USE FOR RECOVERY   | \$ 1,279,591,980  | 0.55  | \$ 1,791,847,374  | 0.9  | 40.03%            |
| 7210 - FLAT-ROLLED IRON OR NONALLOY STEEL PRODUCTS, 600 MM (23.6 IN.) OR MORE WIDE, CLAD, PLATED OR COATED  | \$ 2,014,022,300  | 0.86  | \$ 1,779,046,683  | 0.9  | -11.67%           |
| 8207 - INTERCHANGEABLE TOOLS FOR HANDTOOLS (POWER-OPERATED OR NOT) OR FOR MACHINE-TOOLS, INCLUDING DIES FOR EXTRUDING METAL, AND BASE METAL PARTS THEREOF     | \$ 1,777,407,078  | 0.76  | \$ 1,583,887,867  | 0.8  | -10.89%           |
| 7606 - ALUMINUM PLATES, SHEETS AND STRIP, OVER 0.2 MM (0.0079 IN.) THICK  | \$ 2,595,204,596  | 1.11  | \$ 1,579,944,112  | 0.8  | -39.12%           |
| 7323 - TABLE, KITCHEN OR OTHER HOUSEHOLD ARTICLES AND PARTS THEREOF, OF IRON OR STEEL; IRON OR STEEL WOOL; POT SCOURERS, SCOURING PADS ETC., OF IRON OR STEEL | \$ 1,693,366,032  | 0.72  | \$ 1,508,274,561  | 0.7  | -10.93%           |
| 7306 - TUBES, PIPES AND HOLLOW PROFILES OTHERS (OPEN SEAMED OR WELDED, RIVETED OR SIMILARLY CLOSED)), OF IRON OR STEEL  | \$ 1,934,316,536  | 0.83  | \$ 1,292,280,847  | 0.6  | -33.19%           |
| 8301 - PADLOCKS AND LOCKS, INCLUDING CLASPS AND FRAMES WITH CLASPS, INCORPORATING LOCKS, OF BASE METAL; KEYS AND PARTS OF THE FOREGOING, OF BASE METAL        | \$ 1,542,102,035  | 0.66  | \$ 1,277,079,740  | 0.6  | -17.19%           |
| 7304 - TUBES, PIPES AND HOLLOW PROFILES, SEAMLESS, OF IRON (OTHER THAN CAST) OR STEEL   | \$ 1,949,232,466  | 0.83  | \$ 1,106,532,640  | 0.5  | -43.23%           |
| 7901 - ZINC, UNWROUGHT  | \$ 1,221,337,822  | 0.52  | \$ 1,097,552,935  | 0.5  | -10.14%           |
| 7202 - FERROALLOYS  | \$ 1,726,027,321  | 0.74  | \$ 1,073,480,512  | 0.5  | -37.81%           |
| 7307 - TUBE OR PIPE FITTINGS (INCLUDING COUPLINGS, ELBOWS AND SLEEVES), OF IRON OR STEEL  | \$ 1,590,658,198  | 0.68  | \$ 1,062,145,589  | 0.5  | -33.23%           |
| 2716 - ELECTRICAL ENERGY  | \$ 1,189,552,016  | 0.51  | \$ 1,039,342,161  | 0.5  | -12.63%           |
| 7207 - SEMIFINISHED PRODUCTS OF IRON OR NONALLOY STEEL  | \$ 1,645,180,357  | 0.70  | \$ 1,029,386,728  | 0.5  | -37.43%           |
| 7118 - COIN   | \$ 485,476,829    | 0.21  | \$ 1,018,823,538  | 0.5  | 109.86%           |
| 7201 - PIG IRON AND SPIEGELEISEN IN PIGS, BLOCKS OR OTHER PRIMARY FORMS   | \$ 1,169,100,971  | 0.50  | \$ 977,155,673    | 0.5  | -16.42%           |
| 7610 - ALUMINUM STRUCTURES (EXCLUDING PREFAB BUILDINGS OF HEADING 9406) AND PARTS THEREOF (BRIDGES, TOWERS ETC.), INCLUDING SHAPES PREPARED FOR STRUCTURE USE | \$ 972,530,720    | 0.42  | \$ 964,156,238    | 0.5  | -0.86%            |
| 7616 - ARTICLES OF ALUMINUM, OTHERS   | \$ 1,004,867,166  | 0.43  | \$ 926,272,110    | 0.5  | -7.82%            |
| 7408 - COPPER WIRE  | \$ 892,819,629    | 0.38  | \$ 704,695,485    | 0.4  | -21.07%           |
| 7502 - NICKLE, UNWROUGHT  | \$ 760,797,233    | 0.33  | \$ 704,294,826    | 0.4  | -7.43%            |



# Metals & Minerals Industry Insights

## SOURCING SHIFTS (BY VALUE) THROUGH JULY 31<sup>ST</sup>

| COUNTRY OF ORIGIN | Total FOB (2019)  | %     | Total FOB (2020)  | %    | Percentage Change |
|-------------------|-------------------|-------|-------------------|------|-------------------|
| CANADA            | \$ 66,843,345,178 | 28.41 | \$ 50,811,313,890 | 19.7 | -23.98%           |
| SWITZERLAND       | \$ 943,969,803    | 0.41  | \$ 24,290,045,362 | 10.2 | 2473.18%          |
| MEXICO            | \$ 18,717,536,527 | 7.96  | \$ 15,916,605,539 | 8.7  | -14.96%           |
| CHINA             | \$ 16,582,135,498 | 7.05  | \$ 12,899,069,432 | 7.0  | -22.21%           |
| RUSSIA            | \$ 10,075,641,722 | 4.29  | \$ 7,677,536,564  | 6.4  | -23.80%           |
| INDIA             | \$ 10,668,116,248 | 4.54  | \$ 5,913,085,272  | 4.7  | -44.57%           |
| SAUDI ARABIA      | \$ 8,349,746,917  | 3.55  | \$ 5,848,173,018  | 4.6  | -29.96%           |
| SINGAPORE         | \$ 836,814,556    | 0.36  | \$ 5,585,239,925  | 4.5  | 567.44%           |
| HONG KONG         | \$ 610,718,366    | 0.26  | \$ 5,146,989,553  | 4.4  | 742.78%           |
| SOUTH AFRICA      | \$ 2,986,848,338  | 1.27  | \$ 5,115,201,761  | 3.3  | 71.26%            |



## Overview & Digest

The largest supplier of metals and minerals, by value, to the United States is its northern neighbor, Canada. So far in 2020, the value of these imports from Canada rose 24 percent compared to the same period in 2019, largely from the decrease of petroleum oil prices. This decline being due to both reduced U.S. demand as well as the impact of COVID-19, which has dropped oil prices globally.

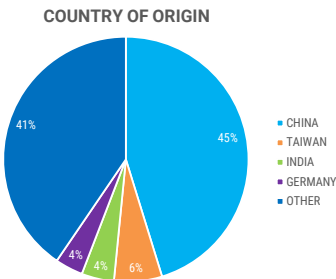
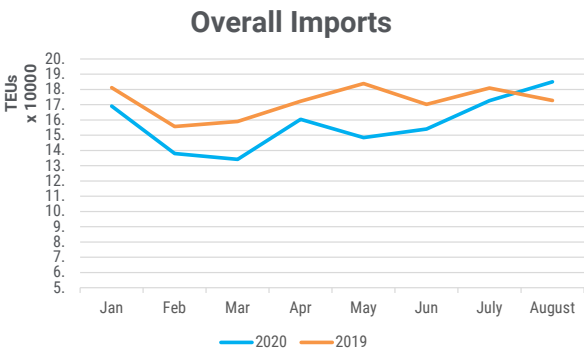
One of the more interesting sourcing shifts that is taking place in 2020 is the surge of valuable imports from Switzerland, Singapore, and Hong Kong. All three have more than triple-digit year-over-year percentile growth. Switzerland, specifically, has seen the value of its exports to the United States grow by 2,473.2 percent compared to the same period in 2019. The higher value imports from Switzerland are primarily precious minerals, gems, and stones rather than the base minerals and metal products from other countries.

# Metals & Minerals Industry Insights

## IMPORTS BY MARITIME VOLUME THROUGH AUGUST 31<sup>ST</sup>

### Overview & Digest

- The volume of maritime imports of metals and minerals has fallen 8.3 percent compared to the same period in 2019, an overall decline of over 100k Twenty-Foot Equivalent Units (TEUs). The month with the sharpest drop (May) saw a 19.2 percent drop compared to 2019. This decline was not primarily caused by COVID-19, though the pandemic has certainly been a contributing factor, but rather shifting trade policy. Import volumes have begun to recover, with August import volumes 7.1 percent higher in 2020 than 2019.
- Among the top metals and mineral commodities, structures and parts of iron and steel [HS 730890] have shown the largest year-over-year increase in maritime volume, increasing 32.8 percent compared to the same period in 2019.
- The largest drop in maritime import volume for metals and minerals has been for aluminum alloy plates imported under HS 760612. So far in 2020, the volume of imports for these plates has dropped 35.9 percent compared to the same period in 2019.



| Product HS (6)  | TEUs (2019) | %    | TEUs (2020) | %   | Percentage Change |
|---|-------------|------|-------------|-----|-------------------|
| 732690 - ARTICLES OF IRON OR STEEL, NESOI                           | 88,152.60   | 6.41 | 82,249.44   | 6.5 | -6.70%            |
| 730890 - STRUCTURES AND PARTS OF STRUCTURES NESOI, OF IRON OR STEEL | 49,242.88   | 3.58 | 65,411.94   | 5.2 | 32.84%            |
| 732111 - COOKING APPLIANCES ETC FOR GAS FUEL, IRON OR STEEL         | 51,006.61   | 3.71 | 56,366.41   | 4.5 | 10.51%            |
| 732393 - TABLE, KITCHEN ETC ARTICLES & PTS, STAINLESS STEEL         | 46,671.00   | 3.40 | 43,885.91   | 3.5 | -5.97%            |
| 731815 - THREADED SCREWS AND BOLTS NESOI OF IRON OR STEEL           | 48,122.95   | 3.50 | 39,733.98   | 3.1 | -17.43%           |
| 732399 - HH ARTCS/PTS NESOI NT ENMLD IRN NT CST STL NT STLS         | 39,085.63   | 2.85 | 33,514.01   | 2.7 | -14.25%           |
| 760612 - ALUMINUM ALLOY RECT PLATES ETC, OVER .2 MM THICK           | 50,536.42   | 3.68 | 32,419.23   | 2.6 | -35.85%           |
| 761699 - ARTICLES OF ALUMINUM, N.E.S.O.I.                           | 26,658.64   | 1.94 | 30,654.04   | 2.4 | 14.99%            |
| 761510 - ALUMINUM TABLE KITCHEN HH ART & PARTS SCOURERS ETC         | 25,586.56   | 1.86 | 28,037.32   | 2.2 | 9.58%             |
| 731700 - NAILS, TACKS, DRAWING PINS ETC OF IRON OR STEEL            | 28,818.84   | 2.10 | 26,510.61   | 2.1 | -8.01%            |

### COVID-19 Impact

Unlike other industries, the decline in volume for metals and mineral maritime imports can be attributed to factors beyond the coronavirus pandemic. Rising tariffs and shifting trade policy has also had a dramatic impact on the import volumes of these commodities.

That is not to say that COVID-19 has not had any impact, just not a primarily negative one. As China ended its lock-down procedures and began manufacturing and exporting goods, its volume of exports started to climb and surpassed 2019 in both July and August. This can be attributed to the decline of manufacturing in the United States due to the pandemic as businesses look to international suppliers rather than domestic to meet demand.

# Metals & Minerals Industry Insights

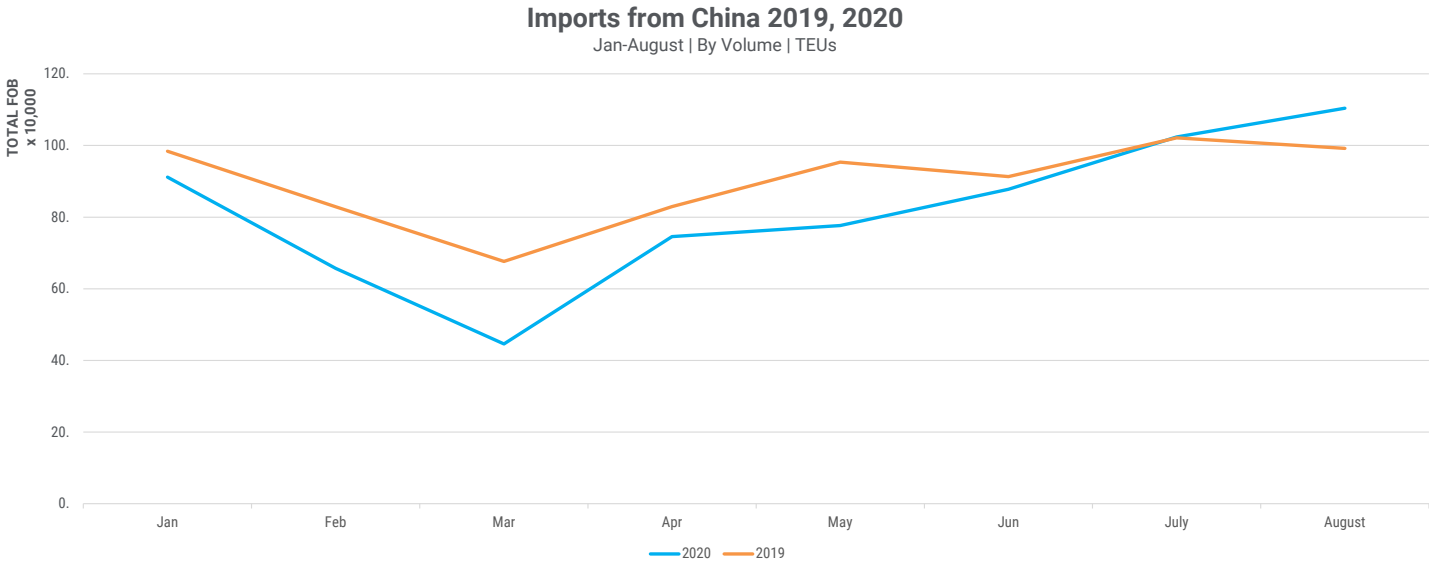
## TOP 35 IMPORTS BY MARITIME VOLUME THROUGH AUGUST 31<sup>ST</sup>

| Product HS (6)  | TEUs (2019) | %    | TEUs (2020) | %   | Percentage Change |
|---|-------------|------|-------------|-----|-------------------|
| 732690 - ARTICLES OF IRON OR STEEL, NESOI                             | 88152.6     | 6.41 | 82249.45    | 6.5 | -6.70%            |
| 730890 - STRUCTURES AND PARTS OF STRUCTURES NESOI, OF IRON OR STEEL   | 49242.88    | 3.58 | 65411.95    | 5.2 | 32.84%            |
| 732111 - COOKING APPLIANCES ETC FOR GAS FUEL, IRON OR STEEL           | 51006.61    | 3.71 | 56366.42    | 4.5 | 10.51%            |
| 732393 - TABLE, KITCHEN ETC ARTICLES & PTS, STAINLESS STEEL           | 46671       | 3.40 | 43885.92    | 3.5 | -5.97%            |
| 731815 - THREADED SCREWS AND BOLTS NESOI OF IRON OR STEEL             | 48122.95    | 3.50 | 39733.99    | 3.2 | -17.43%           |
| 732399 - HH ARTCS/PTS NESOI NT ENMLD IRN NT CST STL NT STLS           | 39085.63    | 2.85 | 33514.02    | 2.7 | -14.25%           |
| 760612 - ALUMINUM ALLOY RECT PLATES ETC, OVER .2 MM THICK             | 50536.42    | 3.68 | 32419.24    | 2.6 | -35.85%           |
| 761699 - ARTICLES OF ALUMINUM, N.E.S.O.I.                             | 26658.64    | 1.94 | 30654.05    | 2.4 | 14.99%            |
| 761510 - ALUMINUM TABLE KITCHEN HH ART & PARTS SCOURERS ETC           | 25586.56    | 1.86 | 28037.33    | 2.2 | 9.58%             |
| 731700 - NAILS, TACKS, DRAWING PINS ETC OF IRON OR STEEL              | 28818.84    | 2.10 | 26510.62    | 2.1 | -8.01%            |
| 731100 - CONTAINERS FOR COMPRESSED OR LIQUEFIED GAS, OF IRON OR STEEL | 29413.51    | 2.14 | 25970.36    | 2.1 | -11.71%           |
| 732119 - COOK APP & PLATE WARMRS, NONELEC, OF IRN/STL NESOI           | 14860.89    | 1.09 | 20686.98    | 1.6 | 39.20%            |
| 732620 - ARTICLES OF IRON OR STEEL WIRE, NESOI                        | 16941.78    | 1.24 | 18539.29    | 1.5 | 9.43%             |
| 760110 - ALUMINUM, NOT ALLOYED, UNWROUGHT                             | 22510.76    | 1.64 | 16252.93    | 1.3 | -27.80%           |
| 830250 - HAT-RACKS HAT PEGS BRCKTS ETC PARTS, BASE METAL              | 13562.49    | 0.99 | 15883.93    | 1.3 | 17.12%            |
| 731210 - STRANDED WIRE, ROPE ETC, NO ELECT INSUL, IR OR ST            | 17367.61    | 1.27 | 14435.54    | 1.2 | -16.88%           |
| 730830 - DRS, WNDWS A FRMS A THRSHLDs FR DRS, IRON OR STEEL           | 26740.88    | 1.95 | 14140.71    | 1.1 | -47.12%           |
| 761010 - ALU DOR WIN AND THEIR FRA AND THRES FOR DOORS                | 17434.25    | 1.27 | 13400.19    | 1.1 | -23.14%           |
| 730630 - PIPE ETC NESOI, WELD CIR CR SECT, IRON OR NONAL ST           | 18901.78    | 1.38 | 13311.79    | 1.1 | -29.57%           |
| 830241 - MOUNTINGS & SMLR ART & PTS FOR BUILDINGS, BASE MTL           | 10914.47    | 0.80 | 12884.34    | 1.0 | 18.05%            |
| 830242 - OTH BASE METL MOUNTNGS FTTNGS ETC FOR FURNITURE              | 10841.23    | 0.79 | 11981.55    | 1.0 | 10.52%            |
| 830629 - STATUETTES A OTH ORNMNTS A PRTS, BS METL NT PM PLT           | 10979.28    | 0.80 | 11712.85    | 0.9 | 6.68%             |
| 731816 - NUTS, THREADED, OF IRON OR STEEL                             | 14162.7     | 1.03 | 10819.78    | 0.9 | -23.60%           |
| 820559 - HANDTOOLS NESOI, AND PARTS THEREOF, OF BASE METAL            | 10865.1     | 0.79 | 10300.59    | 0.8 | -5.20%            |
| 761290 - CASKS ETC, NOT OVER 300 LITER CAP NESOI, ALUMINUM            | 2651.76     | 0.20 | 10269.73    | 0.8 | 287.28%           |
| 760711 - ALUMINUM FOIL, NOV .2MM TH, NO BACK, ROLLED ONLY             | 11378.97    | 0.83 | 10097.82    | 0.8 | -11.26%           |
| 760120 - ALUMINUM ALLOYS, UNWROUGHT                                   | 17626.61    | 1.29 | 9770.29     | 0.8 | -44.57%           |
| 732189 - NONELECTRIC DOMESTIC APPLIANCES, OF IRON OR STEEL, NESOI     | 6613.46     | 0.49 | 9766.53     | 0.8 | 47.68%            |
| 730840 - EQUIP FOR SCAFLDG/SHUTTRG PROPPG/PIT-PROPPG IR/STL           | 11648.51    | 0.85 | 9521.09     | 0.8 | -18.26%           |
| 731814 - SELF-TAPPING SCREWS, THREADED, OF IRON OR STEEL              | 7449.28     | 0.55 | 8708.16     | 0.7 | 16.90%            |
| 830140 - LOCKS EXCEPT MOTOR VEHICLE OR FURNITURE, BASE METL           | 8986.35     | 0.66 | 8196.55     | 0.7 | -8.79%            |
| 760429 - ALUMINUM ALLOY BARS, RODS AND NONHOLLOW PROFILES             | 8535.15     | 0.63 | 7968.13     | 0.6 | -6.64%            |
| 761090 - ALUMINUM STRUCTURES AND PARTS OF STRUCTURES, NESOI           | 3611.3      | 0.27 | 7462.21     | 0.6 | 106.64%           |
| 830300 - SAFES, CASH OR DEED BOXES ETC A PRTS, BASE METAL             | 7410.21     | 0.54 | 7270.42     | 0.6 | -1.89%            |
| 732599 - CAST ARTICLES NESOI, OF IRON OR STEEL                        | 10153.33    | 0.74 | 7186.27     | 0.6 | -29.22%           |

# Metals & Minerals Industry Insights

## SOURCING SHIFTS (BY MARITIME VOLUME) THROUGH AUGUST 31<sup>ST</sup>

| COUNTRY OF ORIGIN    | TEUs (2019) | %     | TEUs (2020) | %    | Percentage Change |
|----------------------|-------------|-------|-------------|------|-------------------|
| CHINA                | 601791.92   | 43.74 | 570773.8    | 45.2 | -5.15%            |
| TAIWAN               | 87990.63    | 6.40  | 80003.73    | 6.3  | -9.08%            |
| INDIA                | 74061.64    | 5.39  | 53987.22    | 4.3  | -27.11%           |
| GERMANY              | 57099.05    | 4.15  | 46444.53    | 3.7  | -18.66%           |
| SOUTH KOREA          | 45396.06    | 3.30  | 43399.75    | 3.4  | -4.40%            |
| VIETNAM              | 29609.41    | 2.16  | 40440.18    | 3.2  | 36.58%            |
| HONG KONG            | 35271.03    | 2.57  | 30277.82    | 2.4  | -14.16%           |
| THAILAND             | 23462.15    | 1.71  | 29110.28    | 2.3  | 24.07%            |
| JAPAN                | 37299.25    | 2.72  | 26662.26    | 2.1  | -28.52%           |
| UNITED ARAB EMIRATES | 27554.89    | 2.01  | 25007.84    | 2.0  | -9.24%            |



### Overview & Digest

Despite a surge in maritime volume in July and August, China’s overall exports of metals and minerals to the United States are 5.2 percent lower compared to the same period in 2019. As the United States’ leading maritime supplier of these commodities by a significant margin (45.2 percent of all maritime imports originate in China), decreased shipments from China impact overall import volumes significantly.

The decline of maritime imports for China is typical for the top countries of origin, with only two countries in the top ten showing a positive year-over-year increase in volume. These are Vietnam and Thailand, which have exported 36.6 percent and 24.1 percent more metals and minerals to the United States compared to 2019.



# About Descartes Datamyne

With a comprehensive database of accurate, up-to-date import-export information, Descartes Datamyne delivers actionable intelligence for market research, sales insight, supply chain management, enhanced security and competitive strategy. The solution is powered by the world’s largest searchable trade database, covering the global commerce of 230 markets across 5 continents.

Manufacturers, shippers wholesalers, transport and logistics service providers, management consultants, legal practitioners, industry analysts and more use our exceptionally accurate and granular data to initiate growth strategies, explore new markets, benchmark performance, monitor commodity volumes and values, simplify trade data research, discover buyer seller relationships and refine sourcing strategies.

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