

SUBSCRIBER NOTICE: Please join us on Sep 29, 2022, 2:00-3:00 pm ET for a free webinar, **Plastic Trash ... or Plastic Treasure?** Confirm your seat at: <https://bit.ly/3RtHQ8d>

PET BALES: Curbside PET bales were available for a second consecutive week at 8 cpp FOB Dallas and 8-10 cpp FOB Chicago and other metropolitan areas east of the Rockies. In Southern California, Grade A PET deposit (redemption) bales were available at 13-14 cpp delivered, based on a bid offering sale last week at 13.25 cpp; prices were seen as possibly rising soon given this level constitutes a bottom for the year.

rPET: U.S. PET recyclers who source clear food grade rPET flake from Mexico and South America were buyers this week at 50 cpp delivered, pointing to curbside PET bale prices at 8-10 cpp. This was “ridiculous pricing” as a seller put it, given costs to deliver imported rPET flake about 20 cpp higher, leaving no room for margin. Offers were seen at 73 cpp delivered inland within 250 miles of port of entry, which includes Houston, Mobile, AL and Port Everglades, FL. An isolated sale was seen at 65 cpp delivered U.S. South.

rPET letter of non-objection (LNO) pellet, based on monthly contract formulas tied to published bale prices, bale yields at recycling plants and fixed costs, was seen in the mid-70s to low-80s cpp FOB U.S. South and Midwest. rPET LNO pellets on the West Coast were seen at \$1.01-1.03/lb FOB Los Angeles.

PRIME/OFFGRADE PET RESIN: Imported PET resin was seen this week at 95-96 cpp DDP USWC and about a dime lower in other locations east of the Rockies. PET feedstock prices were lower for pricing tied to published feedstock indexes due in large part to falling crude oil prices this summer. Wide spec PET resin was last done in the mid-70s cpp railcar delivered Midwest.

PET (polyethylene terephthalate)

Product (\$/lb)	Low	High	Avg	1-Week Chg	4-Week Chg
Regrind Price - rPET Clear Fiber Del East of Rockies	0.700	0.730	0.715	-0.125	-0.225
Regrind Price - rPET Clear Packing Del East of Rockies	0.700	0.730	0.715	-0.105	-0.140
Regrind Price - rPET Green Fiber Del East of Rockies	0.440	0.530	0.485	-0.040	-0.040
Regrind Price - rPET MC Del East of Rockies	0.300	0.340	0.320	-0.060	-0.060
Repro Price - rPET FDA Clear FOB US South	0.760	0.820	0.790	-0.110	-0.235
Repro Price - rPET Non FDA Green FOB US South	0.310	0.360	0.335	-0.040	-0.170
Scrap Price - PET Grade A Bales FOB Southern California	0.130	0.135	0.133	0.000	-0.118
Scrap Price - PET MC Curbside Bales FOB East of Rockies	0.080	0.100	0.090	0.010	0.000
Weekly Closing Price - Prime PET Bottle grade, delivered Midwest Rail	0.850	0.900	0.875	0.000	-0.250

Regrind Price - rPET Clear Packing Del East of Rockies



Repro Price - rPET FDA Clear FOB US South



PE BALES/SCRAP: Curbside HDPE natural (dairy) bales were available from a large-volume supplier at 42 cpp FOB east of the Rockies, up fractionally on the week; natural bales from MRFs in California were about a dime cheaper. Curbside HDPE mixed colors (frac melt) bales were available at 9 cpp FOB Memphis, Cincinnati, Charlotte, SC and other Midwest locations; prices as low as 3 cpp last week were no longer seen. HDPE "Z" bales, comingled natural and mixed colors units, were available from two suppliers at 20-22 cpp FOB Midwest. Mixed #3-7 bales were available at no cost or 1 cpp FOB U.S. South and Midwest. Grade A LDPE film bales were available at 25 cpp and Grade B of the same, with 10-20% non-clear units, was at 10 cpp delivered Southern California from the Phoenix area. Sliced and stacked HMWPE intermediate bulk containers (IBCs) were available for a second consecutive week at 10 cpp FOB Memphis.

POST-CONSUMER RESIN: The following HDPE PCR was available for September, delivered east of the Rockies plus "adders": HDPE FM natural, 100 cpp; HDPE FM MC, 54 cpp; HDPE injection black, 60 cpp. Some PCR pricing is based on August's average costs of the underlying feedstock HDPE bales, typically taken from published indexes.

POST-INDUSTRIAL RESIN: The following PE PIR was available for September delivery, FOB Midwest: LD/LLDPE mixed colors at 48 cpp, white at 55 cpp, and natural at 59 cpp. HDPE mixed colors at 48 cpp and HDPE natural at 55 cpp.

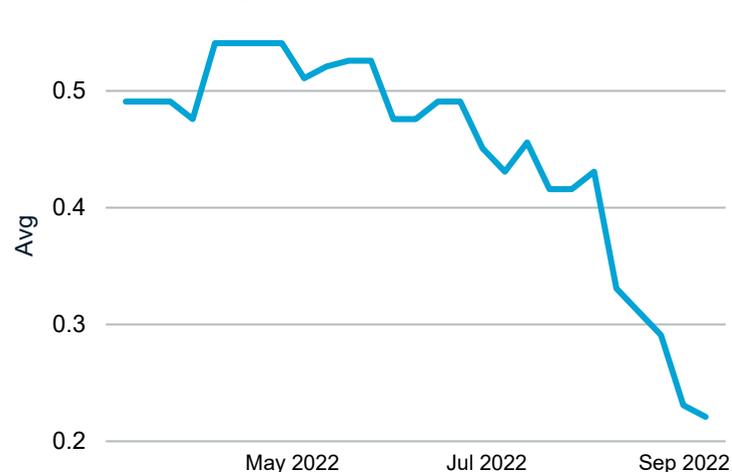
REGRIND: HDPE FM and HDPE injection crate regrind mixed colors were available at 20-24 cpp FOB east of the Rockies, down a penny on the week. Isolated business for HDPE FM regrind was seen as high as 33 cpp delivered Midwest. LDPE IM mixed colors regrind was available at 20 cpp delivered U.S. Gulf Coast region.

OFFGRADE/PRIME RESIN: HDPE BM offgrade resin was available this week in the high-30s to low-40s cpp delivered Midwest. Sep HDPE BM HIC on Sep 8 was flat at 38 cpp railcar FOB Houston. Sep LLDPE butene film was discussed in the upper 30s cpp railcar FOB Houston, while LDPE film for export was in the low-40s cpp railcar FOB Houston.

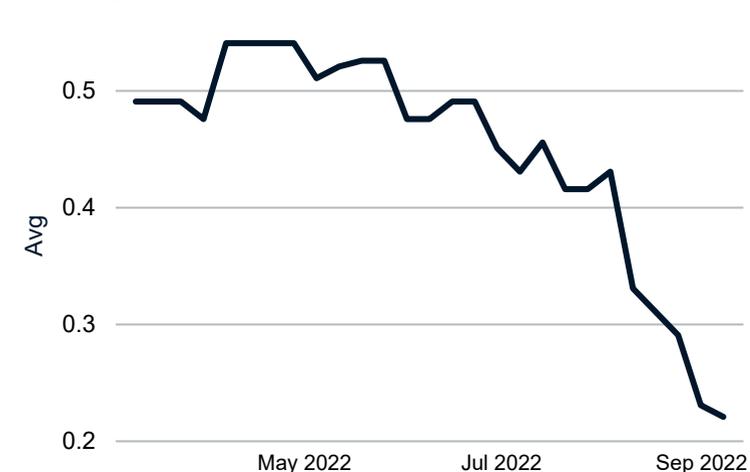
Polyethylene (PE)

Product (\$/lb)	Low	High	Avg	1-Week Change	4-Week Change
Regrind Price - Dirty HDPE HMW Drums FOB Southeast	0.140	0.160	0.150	-0.010	-0.075
Regrind Price - HDPE Injection Crate MC FOB East of Rockies	0.200	0.240	0.220	-0.010	-0.110
Regrind Price - HDPE PI Frac Melt MC FOB East of Rockies	0.200	0.240	0.220	-0.010	-0.110
Regrind Price - LDPE Injection MC FOB East of Rockies	0.180	0.200	0.190	0.000	-0.030
Repro Price - HDPE Frac Melt Black FOB East of Rockies	0.300	0.320	0.310	-0.020	-0.120
Repro Price - HDPE HMW FOB Southeast	0.350	0.400	0.375	0.000	-0.075
Repro Price - HDPE Natural PCR FOB Southeast	0.850	0.900	0.875	0.000	-0.100
Repro Price - HDPE PCR Gray FOB Southern CA	0.500	0.550	0.525	0.000	-0.100
Repro Price - HDPE PCR MC FOB Southeast	0.450	0.510	0.480	0.000	-0.100
Repro Price - HDPE PCR Natural FOB Southern CA	0.500	0.550	0.525	0.000	-0.100
Repro Price - LDPE Film MC FOB East of Rockies	0.390	0.410	0.400	-0.010	-0.060
Repro Price - LLDPE Film MC FOB East of Rockies	0.390	0.410	0.400	-0.010	-0.060
Scrap Price - Grade A LDPE Film FOB NY/NJ Ports	0.230	0.250	0.240	0.000	-0.015
Scrap Price - HDPE MC Bales Curbside FOB E of Rockies	0.080	0.100	0.090	0.030	-0.045
Scrap Price - HDPE Nat Bales Curbside FOB E of Rockies	0.410	0.420	0.415	0.005	-0.065

Regrind Price - HDPE Injection Crate MC FOB East of Rockies



Regrind Price - HDPE PI Frac Melt MC FOB East of Rockies



PP BALES/SCRAP/PCR: Post-industrial PP bales were available at 8-10 cpp FOB Midwest. Post-consumer PP bales were available at 10 cpp FOB U.S. South. Clean, once used PP supersacks were available at 5 cpp FOB Chicago. PP PCR was available for Sep delivered east of the Rockies plus “adders” at the following: CoPP 12 melt black, 85 cpp; FDA PP 20 melt flow, light gray, 99 cpp.

REGRIND: CoPP and HoPP IM regrind was at 30-32 cpp FOB east of the Rockies, including areas of the Deep South, a price level seen as possibly being a bottom for the year following a trend in place since the spring, a result of sharply lower PP prime prices. “In theory we are at the bottom,” said a buyer. “In practice some of us are determined to dig deeper.” Buying interest for HoPP extrusion white regrind was ensconced in the mid-30s cpp and at 29 cpp for mixed colors of the same, with no selling interest seen at these numbers.

PRIME/OFFGRADE: Sep HoPP raffia on Sep 8 was notionally steady at 65 cpp railcar FOB Houston. Offgrade impact CoPP was mostly selling in the low 60s cpp railcar delivered.

PS SCRAP: HIPS mixed colors scrap, including sheet, signs and posts, was last available around 40 cpp delivered Upper Midwest.

REGRIND: HIPS mixed colors regrind sourced from Minnesota, Ohio and New Jersey was done at 57-65 cpp delivered Upper Midwest; the low end of the price range was sourced from New Jersey. Buying interest for GPPS mixed colors regrind was at 40 cpp and at 45 cpp for white of the same delivered Upper Midwest. A less-than truckload (LTL) of GPPS clear regrind was done at 45 cpp, part of a load of HIPS regrind.

REPRO: PS repro prices were unchanged as buyers looked to cheap offgrade numbers (see price table).

PRIME PS: HIPS generic prime this week was at 109 cpp and GPPS of the same was at 101 cpp railcar delivered.

STYRENE CHAIN: Spot styrene was unchanged on Sep 8 with Sep at 50.58 cpp (\$1115/mt). Oct was up at 51.26 cpp (\$1130/mt). Early Thursday trading had Sep benzene bid at 280 cpg DDP HTC and offered at 292 cpg DDP HTC.

ABS: ABS general purpose (GP) black repro fell 7 cpp to 105-110 cpp delivered Midwest, following a trend of the last two weeks as prime and offgrade PS prices have dropped. ABS GP mixed colors regrind was steady at 82-88 cpp delivered Midwest.

Polypropylene (PP)

Product (\$/lb)	Low	High	Avg	1-Week Change	4-Week Change
▲					
Regrind Price - CoPP Injection Black FOB East of Rockies	0.300	0.320	0.310	0.000	-0.040
Regrind Price - HoPP Injection MC FOB East of Rockies	0.300	0.320	0.310	0.000	-0.040
Repro Price - CoPP Injection Black PCR Del East of Rockies	0.520	0.700	0.610	0.000	-0.130
Repro Price - HoPP Injection Black FOB East of Rockies	0.380	0.420	0.400	0.000	-0.010

Polystyrene (PS)

Product (\$/lb)	Low	High	Avg	1-Week Change	4-Week Change
▼					
Repro Price - HIPS White FOB East of Rockies	0.900	0.910	0.905	0.000	-0.010
Repro Price - HIPS Black FOB East of Rockies	0.840	0.860	0.850	0.000	-0.010
Repro Price - GPPS White FOB East of Rockies	0.550	0.590	0.570	0.000	-0.010
Repro Price - GPPS Clear FOB East of Rockies	0.550	0.590	0.570	0.000	-0.010
Repro Price - GPPS Black FOB East of Rockies	0.530	0.570	0.550	0.000	-0.010
Regrind Price - HIPS White Del Midwest	0.650	0.660	0.655	-0.005	-0.005
Regrind Price - HIPS MC Del Midwest	0.570	0.650	0.610	-0.025	0.000
Regrind Price - GPPS MC Del Midwest	0.400	0.420	0.410	0.000	0.010
Regrind Price - GPPS Clear Del Midwest	0.450	0.470	0.460	0.000	0.010

Acrylonitrile Butadiene Styrene (ABS)

Product (\$/lb)	Low	High	Avg	1-Week Change	4-Week Change
▲					
Regrind Price - ABS General Purpose MC Del Midwest	0.820	0.880	0.850	0.000	-0.010
Repro Price - ABS General Purpose Black Del Midwest	1.050	1.100	1.075	-0.070	-0.080

Nylon

Product (\$/lb)	Low	High	Avg	1-Week Change	4-Week Change
Repro Price - Nylon 6 De-Lustered MC FOB US South	0.400	0.420	0.410	0.000	0.000
Repro Price - Nylon 6 Solution-Dyed Del East of Mississippi	0.950	1.000	0.975	-0.045	-0.135
Scrap Price - Nylon 6 Natural Fiber, Bales FOB US South	0.470	0.490	0.480	0.000	0.000
Scrap Price - Nylon 66 Natural Fiber, Bales Ex-Works US South	1.250	1.300	1.275	-0.050	-0.130

PVC (polyvinyl chloride)

Product (\$/lb)	Low	High	Avg	1-Week Change	4-Week Change
Regrind Price - PVC PI MC Del Southeast	0.490	0.520	0.505	-0.005	0.000

NYLON: PA66 post-industrial repro, regrind, scrap and bale prices were steady except for bright fiber bales, which fell a nickel to 125-130 cpp ex-works Florida. Demand for export to South Korea, a major buyer this year of U.S. produced PA66, was weak due to low PA66 prices offered in China, a market source said. "We are still selling in Korea, but prices are very soft," he said. PA66 blended pellets were available at 155 cpp and mixed luster fiber bales at 136 cpp ex-works Florida. Solution-dyed nylon (SDN) PA6 repro was down 4.5 cpp to 95-100 cpp FOB U.S. South on weak demand from the U.S. auto parts sector compared to a year ago.

PVC: PVC mixed colors pipe regrind was down fractionally at 49-52 cpp delivered U.S. Southeast. Medical grade PVC regrind was unchanged on the week in the low-50s cpp delivered Chicago while clear PVC regrind from post-industrial profiles, rejected windows, doors and siding was in the low-70s cpp delivered east of the Mississippi.

OPIS News: PET Plastic Imports up 30.4% in Jan-July, Valued at \$1.4 Billion

The U.S. imported approximately 47,980 shipping containers of polyethylene terephthalate (PET) plastic in Jan-Jul, up 30.4% year on year, the latest U.S. Census data show.

Imports totaled 911,626 mt, up from 698,705 mt in Jan-Jul 2021. The containers number is calculated using 19 mt/container. The U.S. Customs value of the imports in the first seven months of 2022 was \$1.4 billion, up 85.7% from the year earlier period.

Domestic PET resin was assessed on Thursday at 85-90cts/lb railcar delivered Midwest, unchanged from the prior week, according to PetroChem Wire by OPIS, a Dow Jones company.

The top source of PET imports in Jan-Jul 2022 was Mexico at 184,378 mt, 20.3% of the total, followed by Taiwan (146,139 mt), Oman (140,861 mt), South Korea (103,049 mt) and Vietnam (90,995 mt). PET is also produced in the U.S. at plants in the Carolinas, Mississippi, and Texas, and at a plant in Montreal, Quebec. Imports from Canada in Jan-Jul 2022 totaled 55,939 mt.

PET is the world's most widely used plastic. It is used, typically in pellet form, in production of bottles, jugs, packaging like takeout containers, synthetic fibers for carpet and home furnishings, heavy duty strapping tape and other products.

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OPIS News: Ohio Plastic Recycling Plant Start-up Seen in July 2023

A new polyethylene terephthalate (PET) plastic recycling plant under construction in Bowling Green, Ohio should be operating by July 2023, Lori Carson, director of new market development for Phoenix Technologies, said on Thursday.

The plant's capacity will be 70-78 million lbs/year of rPET letter of non-objection (LNO) pellet, roughly doubling what's now produced at an existing plant. Work started on the plant last month.

Phoenix is owned by Taiwan's chemical giant Far Eastern New Century. About 99% of Phoenix's rPET is sold for use in production of food packaging, including bottles, Carson said. LNO means the U.S. Food & Drug Administration has approved its use for this purpose.

The plant will cost \$30-35 million to build, include equipment manufactured in Europe, and provide 25-30 jobs. The raw material, as in the existing plant, will be PET scrap bales, comprised mostly of bottles and containers. Phoenix sources bales from every state except Alaska and Hawaii. All its rPET is sold domestically.

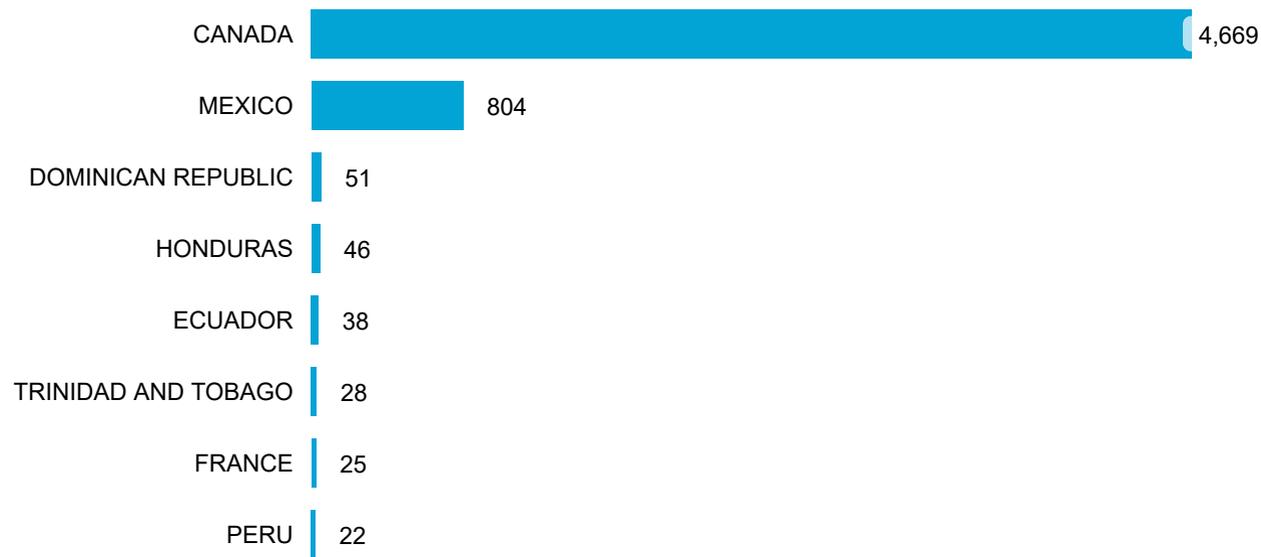
The new plant underscores rising U.S. demand for rPET amid calls from governments, environmental groups and others to recycle more plastic. The U.S. PET recycling rate in 2021 was about 27%, based on industry data estimates.

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Recycled Plastics Weekly Trade Spotlight - Polyethylene

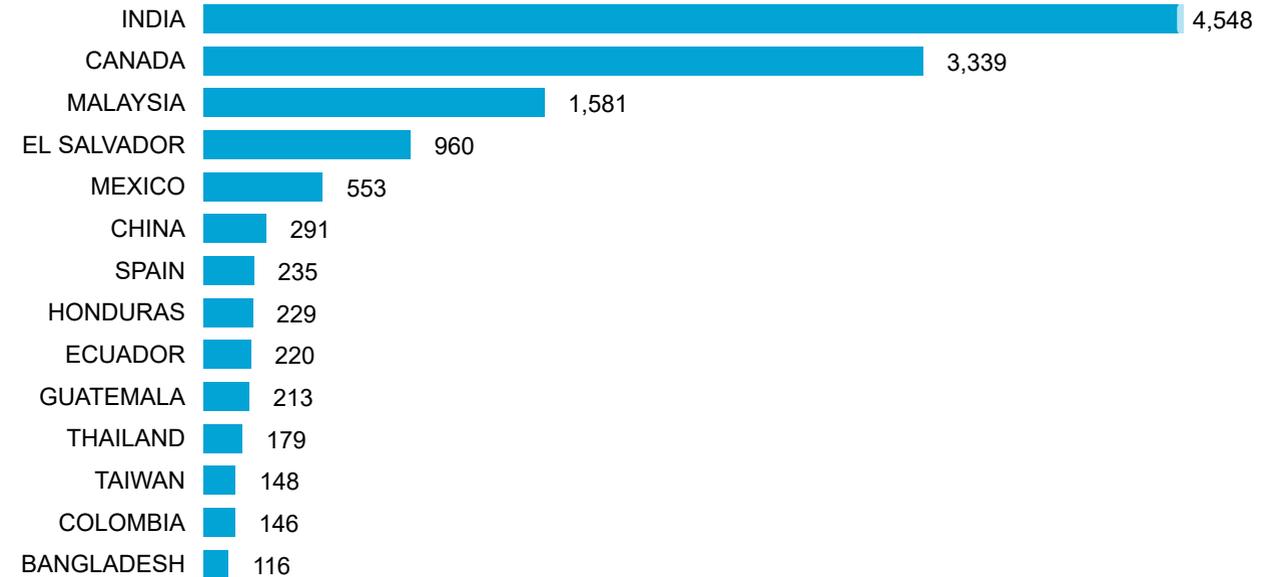
US PE Scrap Imports (metric tons)

July 2022



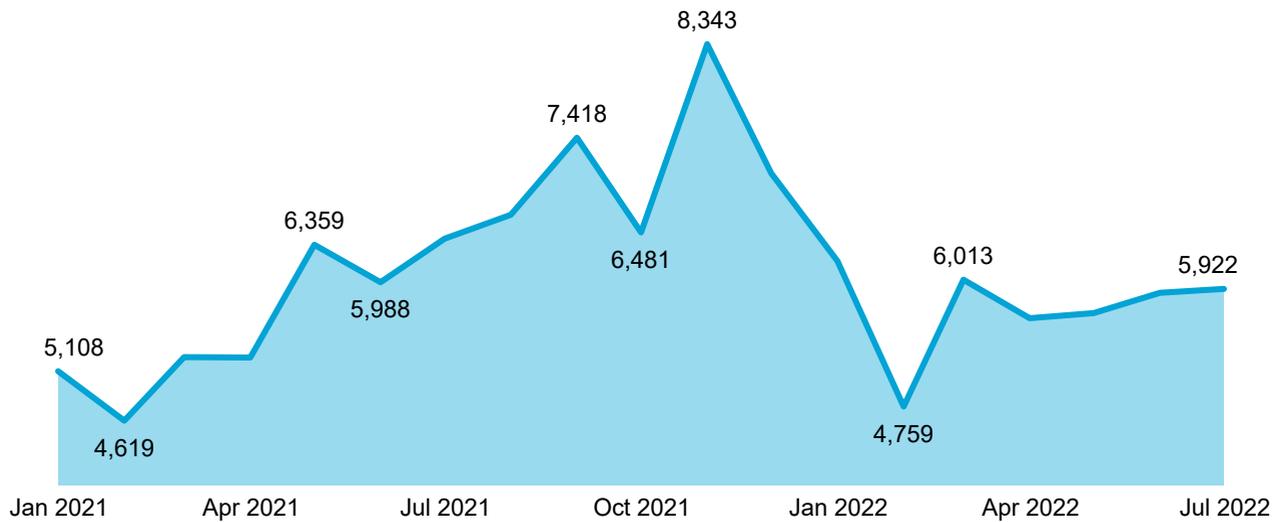
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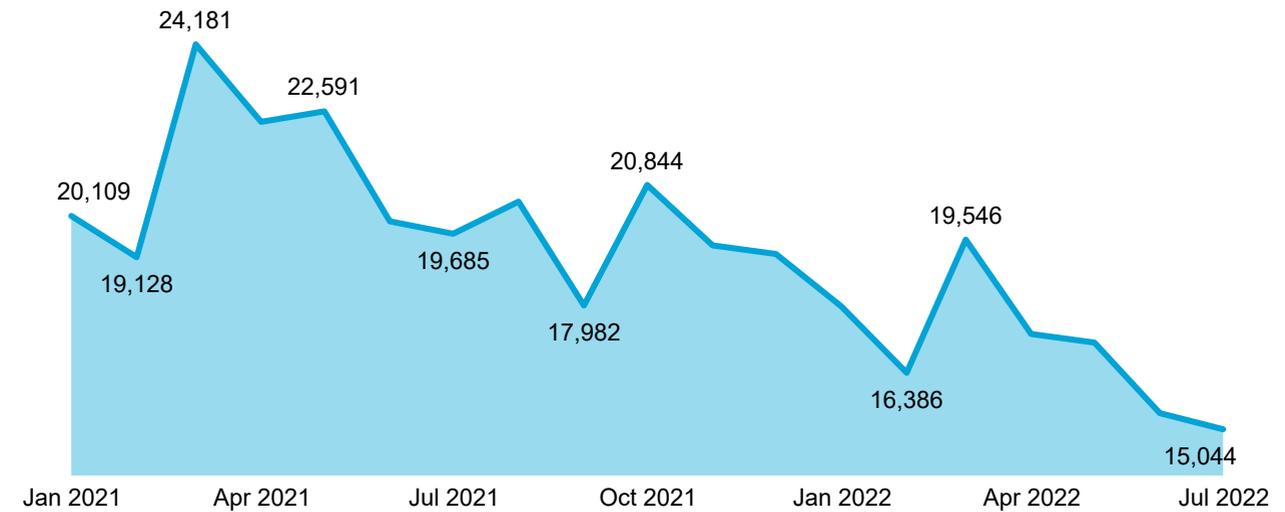
Total US PE Scrap Imports (metric tons)

July 2022



Total US PE Scrap Exports (metric tons)

July 2022



Source: Latest Available Data from USA Trade Online/US Census Bureau, Department of Commerce