PLASTICS
INDUSTRY ASSOCIATION

Plastics Demand Estimate

June 17, 2025

The Plastics Industry Association (PLASTICS) has released its April 2025 Plastics Demand Estimate for the U.S., a key indicator for plastics processors and the broader plastics supply chain.

In April 2025, U.S. plastics demand was estimated at $22.7 billion—a 0.2% increase month-over-month and 0.4% year-over-year. However, when adjusted for producer price inflation, demand declined by 0.1% from both the previous month and the same month a year earlier. The marginal change in inflation-adjusted demand suggests that producer prices remain relatively stable.

Plastics Demand Estimate					
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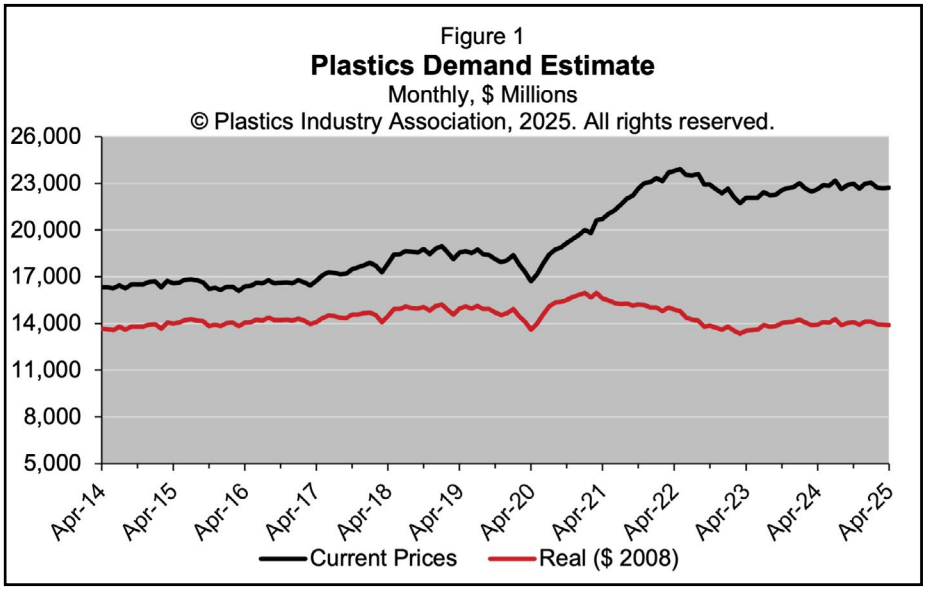
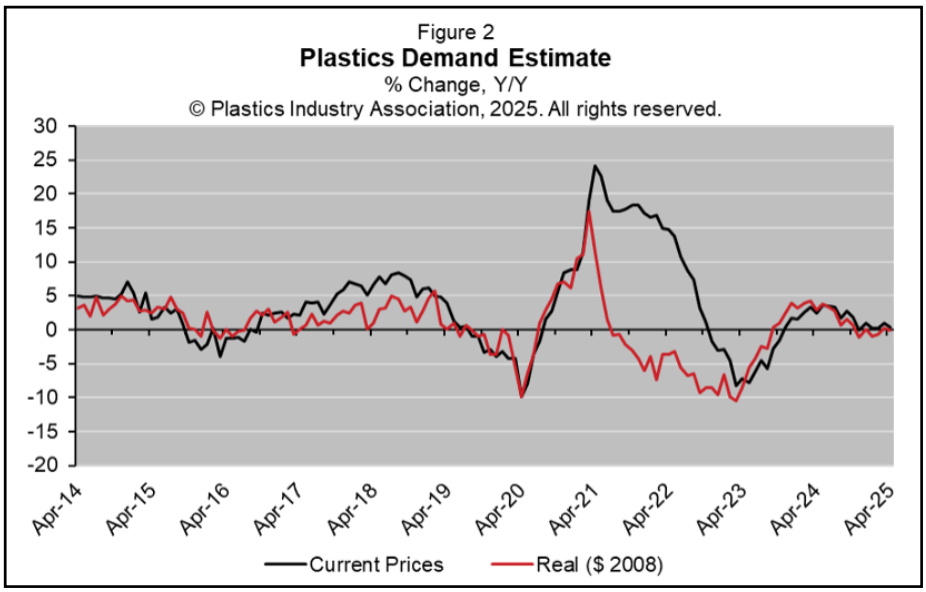
Month	**Millions**	**% Change, M/M**		**% Change, Y/Y**	
2024		**Current Prices**	**Real ($ 2008)**	**Current Prices**	**Real ($ 2008)**
Apr-24	22,637.3	0.7	0.2	2.5	2.9
May-24	22,890.5	1.1	1.2	3.7	3.8
Jun-24	22,856.6	-0.2	-0.2	3.5	3.3
Jul-24	23,177.0	1.4	1.5	3.3	2.8
Aug-24	22,640.4	-2.3	-2.6	1.7	0.7
Sep-24	22,901.5	1.2	1.1	2.8	1.5
Oct-24	22,979.0	0.3	0.4	1.8	0.6
Nov-24	22,660.7	-1.4	-1.2	-0.1	-1.1
Dec-24	22,990.8	1.5	1.5	1.0	0.0
2025					
Jan-25	23,049.6	0.3	0.0	0.2	-0.9
Feb-25	22,723.7	-1.4	-1.1	0.2	-0.6
Mar-25	22,686.4	-0.2	-0.4	0.9	0.2
Apr-25	22,720.5	0.2	-0.1	0.4	-0.1

Note: Change in real or inflation-adjusted Plastics Demand Estimate are based on 2008 dollars, specifically the Producer Price Index for plastics product manufacturing (2008=100).

"Plastics demand has remained steady, based on both month-over-month and year-over-year growth," said Dr. Perc Pineda, Chief Economist at PLASTICS. "While concerns about the inflationary impact of tariffs are valid, the data so far do not point to effects that would raise significant concern for the plastics industry."

Figures 1 and 2 display plastics demand at current and inflation-adjusted prices, along with their respective year-over-year growth rates.





The Plastics Demand Estimate for May is scheduled for release on July 15, 2025 and can be downloaded from https://www.plasticsindustry.org/resource/plastics-demand-estimate/.

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Methodology

Apparent consumption is often used as an indicator of demand. PLASTICS' annual Global Trends Report estimates annual apparent consumption across the plastics industry supply chain. The Plastics Demand Estimate is derived from monthly data of shipments of plastics and rubber products, adjusted for export and imports from the U.S. Census Bureau. The Producer Price Index (PPI) of plastics product manufacturing from the Bureau of Labor Statistics, rebased to 2008 =100, is used to calculate an inflation-adjusted Plastics Demand Estimate from which the real ($ 2008) monthly and year-over-year changes in demand are calculated.

On May 16, 2025, the government revised past manufacturing data using updated information from the 2022 Economic Census and other surveys. The changes corrected earlier reporting issues and improved seasonal adjustments, affecting data from as far back as 2012.

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