1,3-BUTADIENE BOOSTS THE U.S. ECONOMY

American Chemistry Council

Impact Spans Key Industries

1,3-Butadiene is a building block chemical used in the manufacture of a variety of synthetic rubbers, nylon, and plastics. Polymers made from 1,3-butadiene are used in making everyday products such as tires, nylon, car parts, carpet backing, plastic gloves, neoprene, food packaging, rubber hoses, gaskets, and many more. 1,3-Butadiene is used and often fully consumed in making many essential products, including those critical to national security and critical infrastructure.

586K Jobs

$44.0B Payroll

$229.4B Sales

Total Economic Impact of Consumer Industries

Total Economic Impact of the Butadiene Industry (Includes Direct Impact & Indirect Impact)*	Automotive & Other Transportation	Consumer Products	Appliances	Electrical/ Electronics	Building & Construction	Industrial/ Machinery	Healthcare
Jobs 36.9k	263K	156K	52K	40K	37K	16K	22K
Payroll $3.5B	$18.6B	$11.6B	$3.5B	$4.6B	$2.4B	$1.3B	$2.0B
Sales $27.4B	$131.4B	$30.3B	$23.1B	$15.8B	$13.9B	$7.4B	$7.4B

While 1,3-Butadiene is not sold or used directly by consumers, it is reacted/polymerized and may be further processed to create a range of materials that can be used to make consumer goods.

1,3-Butadiene is a critical building block chemical, and it is important that EPA considers the best available science in its risk evaluation under the Toxic Substances Control Act to avoid any potential disruptions in the production, manufacture, or transportation of many critical products.

---

* Direct Impact: Jobs, wages, and output generated from the manufacturing of 1,3-butadiene and 1,3-butadiene-derived chemistries

Indirect Impact (Supply Chain): Jobs, wages, and output created by the businesses in the supply chain that sell goods and services to 1,3-butadiene and derivative manufacturers (and their suppliers).

Sources: U.S. Bureau of Labor Statistics, U.S. Census Bureau, IMPLAN, and ACC analysis.

202407-075