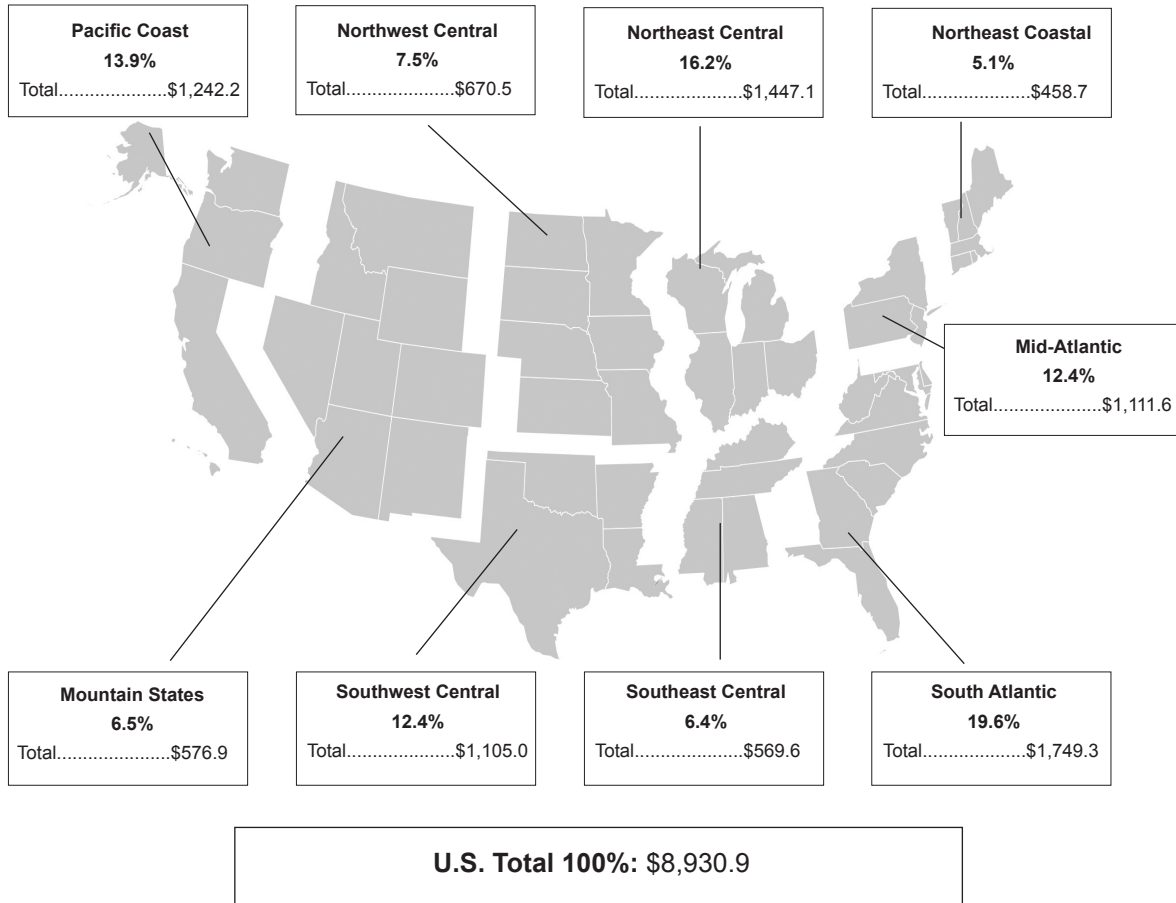


MARKET ANALYSIS: Plastics Consumption in North America

Consumption of Plastics in the U.S. was \$8.9 billion in 2013, according to data from MDM Analytics (formerly Industrial Market Information). In Canada, consumption of Plastics was \$916.8 million and in Mexico consumption was \$794.5 million. All estimates are 2013 end user demand, in U.S. dollars, including distributor margin.

■ U.S. End-User consumption of Plastics by region, in millions of \$ (2013 estimates)



■ U.S. End-User Consumption of Plastics: Top 10 End-Markets

Top 10 end-markets in \$ volume, by NAICS code, consuming Plastics (2013 estimates)

End User	Estimated Consumption
622110 General Medical and Surgical Hospitals	\$1,271.7 million
238220 Plumbing, Heating, and Air-Conditioning Contractors	\$907.7 million
236220 Commercial and Institutional Building Construction	\$600.0 million
236115 New Single-Family Housing Construction (except For-Sale Builders)	\$486.9 million
238210 Electrical Contractors and Other Wiring Installation Contractors	\$212.5 million
238320 Painting and Wall Covering Contractors	\$158.5 million
325412 Pharmaceutical Preparation Manufacturing	\$154.1 million
238160 Roofing Contractors	\$150.6 million
236116 New Multifamily Housing Construction (except For-Sale Builders)	\$143.8 million
236118 Residential Remodelers	\$130.3 million

End-User Consumption of Plastics in Canada

■ End-Market Size by Province (U.S.\$)

Provinces	Estimated Consumption
Ontario	\$345.2 million
Quebec	\$214.0 million
Alberta	\$127.1 million
British Columbia	\$116.0 million
Manitoba	\$30.2 million
Saskatchewan	\$27.6 million
Nova Scotia	\$19.7 million
New Brunswick	\$19.1 million
Newfoundland and Labrador	\$12.2 million
Prince Edward Island	\$3.9 million
Northwest Territory	\$0.9 million
Yukon	\$0.7 million
Nunavut Territory	\$0.3 million

■ Top 5 End-Markets for Plastics

End-markets in \$ volume, by NAICS code (2013 estimates)

6-digit NAICS	Description	Estimated Consumption
622110	General Medical and Surgical Hospitals	\$105.1 million
238220	Plumbing, Heating, and Air-Conditioning Contractors	\$83.2 million
236220	Commercial and Institutional Building Construction	\$50.1 million
236115	New Single-Family Housing Construction (except For-Sale Builders)	\$39.1 million
325412	Pharmaceutical Preparation Manufacturing	\$25.0 million

Total Consumption in Canada: \$916.8 million

End-User Consumption of Plastics in Mexico

■ End-Market Size: Top 10 States (U.S.\$)

States	Estimated Consumption
Distrito Federal	\$186.4 million
Mexico	\$103.9 million
Jalisco	\$74.1 million
Nuevo Leon	\$68.7 million
Guanajuato	\$40.9 million
Veracruz Llave	\$33.0 million
Chihuahua	\$27.2 million
Baja California	\$26.0 million
Coahuila De Zaragoza	\$24.4 million
Puebla	\$23.3 million

■ Top 5 End-Markets for Plastics

End-markets in \$ volume, by NAICS code (2013 estimates)

6-digit NAICS	Description	Estimated Consumption
236220	Commercial and Institutional Building Construction	\$119.0 million
236116	New Multifamily Housing Construction (except For-Sale Builders)	\$39.9 million
236115	New Single-Family Housing Construction (except For-Sale Builders)	\$38.6 million
312111	Soft Drink Manufacturing	\$34.8 million
325180	Other Basic Inorganic Chemical Manufacturing	\$33.0 million

Total Consumption in Mexico: \$794.5 million

This market size estimate was compiled by MDM Analytics, Lafayette, CO. Learn more about MDM Analytics at www.mdm.com/analytics.