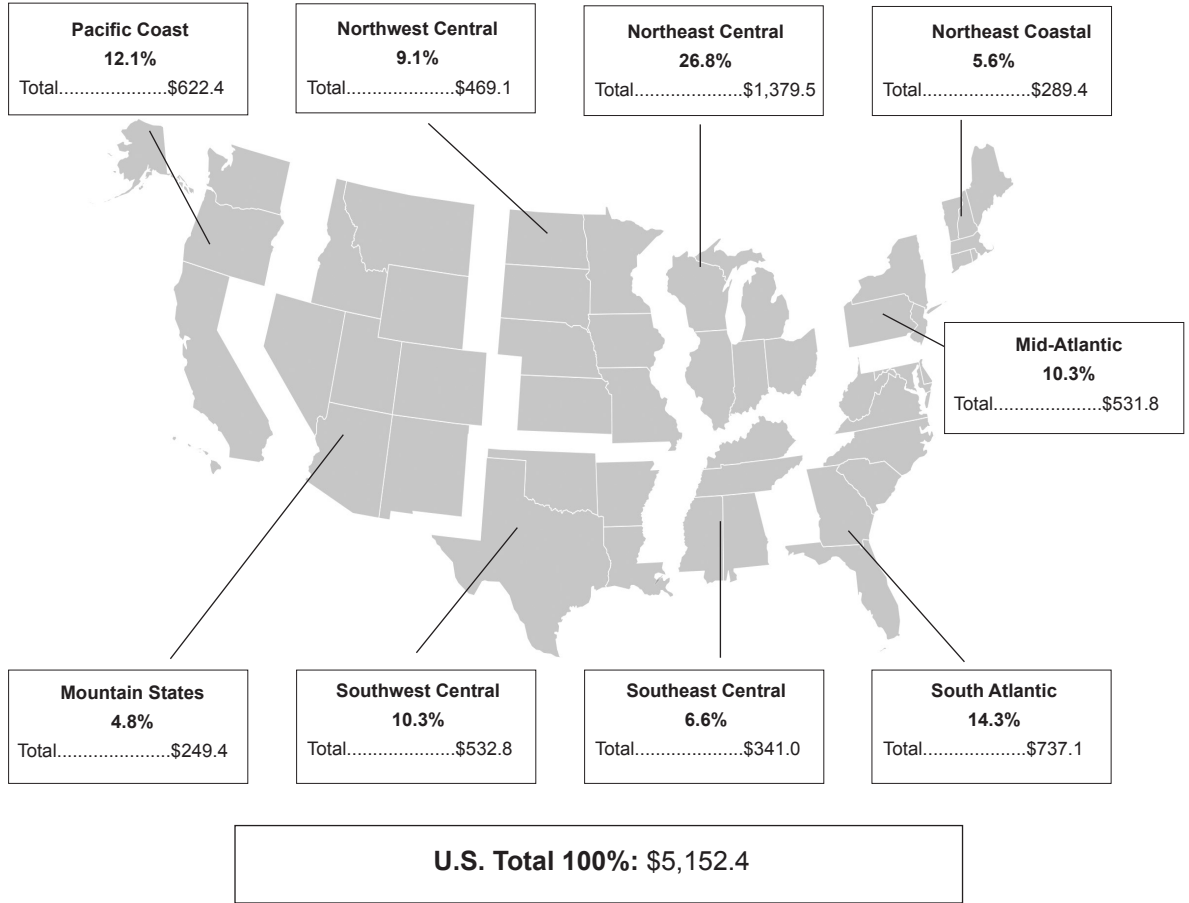


MARKET ANALYSIS: Abrasives Consumption in the United States

Consumption of Abrasives in the U.S. was \$5.2 billion in 2014, according to data from MDM Analytics (formerly Industrial Market Information). All estimates are 2014 end user demand, in U.S. dollars, including distributor margin.

■ U.S. End-User consumption of Abrasives by region, in millions of \$ (2014 estimates)



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

Top 10 end-markets in \$ volume, by NAICS code, consuming Abrasives (2014 estimates)

| End User | Estimated Consumption |
|--|-----------------------|
| 336412 Aircraft Engine and Engine Parts Manufacturing | \$220.3 million |
| 333120 Construction Machinery Manufacturing | \$137.6 million |
| 333618 Other Engine Equipment Manufacturing | \$124.1 million |
| 336111 Automobile Manufacturing | \$119.0 million |
| 336390 Other Motor Vehicle Parts Manufacturing | \$118.1 million |
| 333517 Machine Tool Manufacturing | \$116.7 million |
| 337110 Wood Kitchen Cabinet and Countertop Manufacturing | \$115.2 million |
| 333111 Farm Machinery and Equipment Manufacturing | \$114.5 million |
| 332710 Machine Shops | \$103.0 million |
| 321918 Other Millwork (including Flooring) | \$93.5 million |

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