

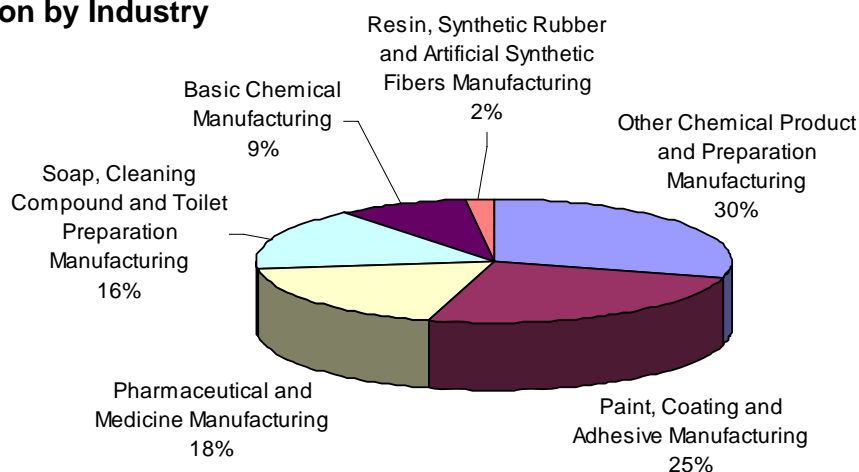
ECONOMIC GROWTH INITIATIVES

Advanced Materials & Nanotechnology

- ◆ Oakland's Emerging Sectors initiative targeting [Advanced Materials & Nanotechnology](#) has resulted in more than \$24 million of new investment and over 130 new jobs for the region in just the past five years.
- ◆ There are 70 Advanced Materials & Nanotechnology firms in Oakland County employing over 5,700 people.
- ◆ Michigan organizations available to support Advanced Materials & Nanotechnology firms include: [Michigan Molecular Institute](#), [Michigan Manufacturers Association](#), [Michigan Manufacturing Technology Center](#), [American Concrete Institute](#) and more.
- ◆ Twelve Michigan Universities offer research centers and laboratories related to Advanced Materials & Nanotechnology.
- ◆ Oakland University established a NanoTech Research and Development Institute on its Rochester campus. The institute will recruit accomplished faculty, enlist intelligent and motivated student researchers, and build collaborative partnerships with industry to investigate ideas that will lead to findings with real-world applications.
- ◆ In September 2009, Oakland Community College launched a new [Nanotechnology in Material Sciences Program](#) at its Auburn Hills campus.
- ◆ The Engineering Research Center for [Wireless Integrated MicroSystems](#) (WIMS) was established in 2000 by the University of Michigan, Michigan State University and Michigan Technological University and is partially funded by the National Science Foundation. The Ann Arbor-based center merges micropower circuits, wireless interfaces, biomedical and environmental sensors and subsystems, and advanced packaging to develop microsystems that will permeate virtually every aspect of society over the next 20 years.
- ◆ There are over 60 plastic manufacturers and almost 20 rubber manufacturers in Oakland County.

Chemical Manufacturing Firms in Oakland County Distribution by Industry

- ◆ The largest percent of chemical manufacturers in Oakland County produce paints, coatings, and adhesives followed by pharmaceutical and medicine manufacturing.



Source: Metromode, Hoovers, U.S. Census Bureau, Great Lakes IT Report
Updated: November 2009