



BioOhio's *Ohio Bioscience Growth Report* is based on five industry subsectors: Agricultural Biotechnology, Medical Device & Equipment Manufacturers, Medical & Testing Laboratories, Pharmaceuticals & Therapeutics, Research & Development. A detailed discussion of the industry definition and methodology is located on page 24 of the most recent report (2012).

The full report can be downloaded at www.bioohio.com/ohio

BioOhio has also identified Medical Product Distribution as an important sector of the bioscience industry. This group of NAICS codes has not been previously included in the Ohio Bioscience Growth Report economic impact analysis.

BioOhio's custom built Ohio Bioscience Resource Directory includes profiles of bioscience companies as well as suppliers, service providers, contract manufacturers and other industry relevant companies. These supply chain companies are not part of the bio industry from a NAICS point of view. However, the depth of Ohio's supply chain, including machine shops, injection molders, consultants, product development firms, healthcare & life science IT developers, universities, and more, has been a critical element in the growth of bioscience in Ohio.

Visit the Directory at www.OhioBioscience.com

Please do not hesitate to contact us with any questions, or to request further information.

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2012 NAICS Code	Description
Medical Device & Equipment Manufacturers	
333314	Optical Instrument and Lens Manufacturing
334510	Electromedical, Electrotherapeutic, and Medical Imaging Apparatus Manufacturing
334516	Analytical Laboratory Instrument Manufacturing
334517	Irradiation Apparatus Manufacturing, Including Diagnostic Medical Equipment
339111 ¹	Medical Equipment and Supplies Manufacturing / Laboratory Apparatus and Furniture Manufacturing
339112	Surgical and Medical Instrument Manufacturing
339113	Surgical Appliance and Supplies Manufacturing
339114	Dental Instruments, Equipment and Supplies Manufacturing
339115	Ophthalmic Goods and Supplies Manufacturing (including lens coating, grinding, etc.)
339116	Dental Laboratories (Manufacturing of Bridges, Dentures, Teeth, Orthodontic Appliances, etc.)
Pharmaceuticals & Therapeutics	
325411	Medicinal and Botanical Product Manufacturing
325412	Pharmaceutical Preparation Manufacturing
325413	In-Vitro Diagnostic Substance Manufacturing
325414	Biological Product Manufacturing (except Diagnostic)
Research & Development	
541711	Research and Development in Biotechnology
541712	Research and Development in the Physical, Engineering, and Life Sciences
Medical & Testing Laboratories	
541380	Testing Laboratories
621511	Medical Laboratories
621512	Diagnostic Imaging Centers
Agricultural Biotechnology	
311221	Wet Corn Milling
311222 ²	Soybean Processing
311223 ²	Other Oilseed Processing
311224 ³	Soybean and Other Oilseed Processing
325193	Ethanol / Ethyl Alcohol Manufacturing
325199	Basic Organic Chemical Manufacturing, including Bio-based Fuel Manufacturing (except Ethanol)
325221 ⁴	Cellulosic Organic Fiber Manufacturing
325220 ⁵	Artificial and Synthetic Fibers and Filaments Manufacturing
325311	Nitrogenous Fertilizer Manufacturing
325312	Phosphatic Fertilizer Manufacturing
325314	Fertilizer Manufacturing (Mixing Only)
325320	Pesticide and Other Agricultural Chemical Manufacturing
Medical Product Distribution⁶	
423450	Medical, Dental, and Hospital Equipment and Supplies Wholesaler / Distributor
423460	Ophthalmic Goods Wholesaler / Distributor
424210	Pharmaceuticals, Medication and Supplies Wholesaler / Distributor
532291	Home Health and Durable Medical Equipment Rental

1 - Historical code, companies now assigned to other 33911X codes

2 - Historical code, merged into 2012 code 311224

3 - New 2012 code, includes and replaces 311222, 311223

4 - Historical code, merged into 2012 code 325220

5 - New 2012 code, includes and replaces 325221

6 - This sector not previously included in economic impact reports