

2.1.3 Cleveland (Ohio, Kentucky, West Virginia and Western Pennsylvania)

This area is responsible for about US\$20 billion in bilateral trade with Canada which is equal to that with the U.K., France, West Germany and Italy combined.

This territory is the home of fifty-five of the Fortune 500 industrial companies and thirty-three of the Fortune 500 service companies. It also has two foreign and twenty-five domestic automotive manufacturing plants and some of the largest producers of rubber, steel, electrical and consumer products.

TECHNOLOGY TRENDS AND STRENGTHS

Ohio's largest concentration of scientific expertise is the 2,400 people at the Wright Research and Development Center (WRDC) as well as the NASA-Lewis Centre and industry. Technology strengths exist in biotechnology (B.F. Goodrich), advanced manufacturing (Allen Bradley) advanced materials (WRDC) and avionics (General Electric, WDRDC).

Western Pennsylvania has the third largest concentration of R&D after California and Massachusetts. Technology strengths exist in software, biotechnology, advanced materials and nuclear and energy systems (eg. Westinghouse).

KEY ORGANIZATIONS

In Ohio, these include:

- Wright Research and Development Center (military R&D)
- Ohio Technology Transfer Organization
- Dayton Area Technology Network (one hundred local high technology firms)
- Edison Centers (funding for technology development and transfer to local industry)

- Ohio Advanced Technology Center
- Small Business Innovative Research Center
- Environmental Protection Agency Research Center
- National Institute for standards and technology
- Battelle Memorial Institute

In Western Pennsylvania, they include:

- NASA Industrial Application Center at the University of Pittsburgh
- Pittsburgh High Technology Council (600 local high technology firms)
- Mellon Institute
- Westinghouse Laboratories

KEY SUPPORT PROGRAMS

In Ohio, these include:

- R&D contracts through the WRDC and the NASA-Lewis Research Facility
- Ohio Edison Centers which provide funds for technology development and act as clearinghouses for problem solving

In Western Pennsylvania, they include:

- the Ben Franklin Trust which provides matching funding for R&D
- National Environmental Technologies Applications Corporation which stimulates R&D and joint ventures in environmental areas