



MANUFACTURING  
ACTION  
COMMITTEE

## Manufacturing

Manufacturing in Calgary is a dynamic sector comprising a variety of consumer and industrial products. The sector is reaping the benefits of the continuing strong economic growth in Calgary and in Alberta, considered among the fastest growing economies in North America. In the past decade (1995-2005) manufacturing within the Calgary region has seen a 54 per cent growth in Real Gross Domestic Product (GDP). For every manufacturing job, another 1.5 jobs are created in spin-off and supporting businesses.

### Statistics and Information

- The manufacturing industry currently accounts for 7.3 per cent of Calgary's employment. The number of manufacturing jobs (51,500 in 2006) is expected to grow by more than 11 per cent by 2022, to 57,300.
- Of the 21 identified sub-sectors of the manufacturing sector, there are five sub-sectors that dominate Calgary's employment:

Manufacturing Subsector	2006 Employment
Food Manufacturing	6,700
Machinery Manufacturing	6,600
Fabricated Metal Product Manufacturing	5,100
Computer and Electronic Manufacturing	4,600
Chemical Manufacturing	3,500

- Calgary's manufacturing sector represents 10 per cent of the total GDP – the fourth highest revenue generating industry in the region.
- Calgary's manufacturing GDP has grown by 43 per cent over the past decade. This strong pace is expected to continue as manufacturing GDP is anticipated to increase by 65 per cent from 2006 to 2022 (or from \$5.1 Billion in 2006 to \$8.3 Billion in 2022).

### Did you know?

- Alberta value-added manufacturing exports (excluding crude oil) totaled \$28 Billion in 2006, an increase of 33 per cent over the past five years.
- Alberta has over 10,000 value-added manufacturers that provide products ranging from nano-devices for the bio-medical sector, plastics, food products, forestry products, world class manufacturing equipment, steel fabrication and pressure vessels.
- Calgary-based company (Dynetek Industries Ltd ) created the Dynecell hydrogen storage tank which is used in the second generation Ford Focus Fuel Cell Vehicle (FCV).
- Calgary-based company (Ceramic Protection Corporation) provides ceramic ballistic body armour plates to manufacturers that supply international defense and police services, including the U.S. military.
- ABB, a world leader in engineered power and automation products chose to invest in Calgary in 2006 to build modular and mobile electrical houses, some over 10,000 sq. ft.

**Calgary Economic Development**

731 1st Street SE Calgary Alberta Canada T2G 2G9 Telephone 403 221 7831 Fax 403 221 7828 Toll Free 1 888 222 5855  
www.calgaryeconomicdevelopment.com

## **CED Contact Information**

Karen Hanes  
Business Development Manger, Manufacturing  
T 403.221.7897  
E [khanes@calgaryeconomicdevelopment.com](mailto:khanes@calgaryeconomicdevelopment.com)

*The Calgary Manufacturing Action Committee (MAC) seeks to identify and promote issues that are of interest to Calgary manufacturers. For more information about MAC, contact Karen Hanes at Calgary Economic Development*

## **Critical Success Factors for Calgary Manufacturing Companies**

Calgary manufacturers need to be fast, flexible, innovative, reliable, quality and service oriented, low cost, and aligned with customers. To achieve this Calgary manufacturers need:

### **Workforce Development**

- Continued support for apprenticeship programs
- Tax incentives for investment in skills upgrading
- Assistance in accessing the global pool of qualified workers and professionals
- Increased awareness of manufacturing as a good career choice

### **Business Development**

- Access to serviced industrial land at a reasonable cost
- Timely processing of permits and approvals
- An understanding of the city's plan for industrial land availability
- Tax policies which encourage investments in productivity and innovation
- Funding and support for groups and associations to create a collaborative manufacturing sector
- Coordination and alignment in trade policy, financing services, and support programs to enable international trade, investment, intellectual property protection, and business partnerships

### **Infrastructure**

- Continued investments in transportation infrastructure in and around the city of Calgary
- Reliable and cost effective supply of energy
- Available and affordable housing

### **Competitive Business Environment**

- Tax credits for new capital investments and R&D activity
- Reasonable municipal energy fees
- Reduce or eliminate time delays with approvals