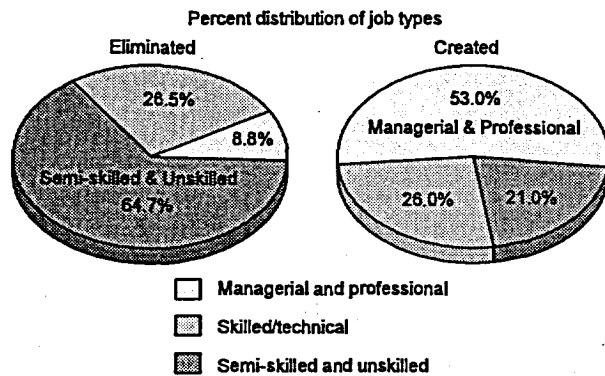


### Skill Effects of Computer-Based Technology, 1992-1994



Source: Human Resources Development Canada

**Technology is automating unskilled and semi-skilled jobs while increasing the demand for people with greater skills.**

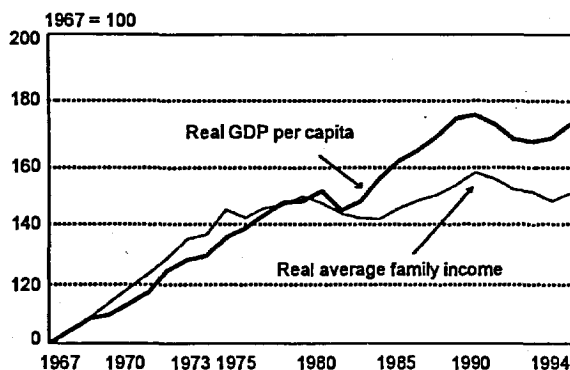
environmental impacts. Moreover, their products and services enhance the economic and environmental performance of existing industries. Canada's trade relies heavily on natural resources: the energy, forests, and minerals sectors accounted for 38 percent of all Canadian exports in 1995. Traditional resource, processing, and manufacturing industries are applying knowledge tools to perform

better and more efficiently and remain internationally competitive. For example, the forest industry uses more of the wood fibre it harvests due, in part, to the efficiency of computerized processing.

Technological change, competition, and the demands of a knowledge-based economy have eliminated many jobs, particularly those that required relatively lower skills. However, there is an increasing demand to service the growing worldwide market for environment and sustainable development technologies. The **environmental industry** is a large sector, growing at a rate of 10 percent per year, with over \$14 billion in annual revenues. We anticipate that there will be a significant increase in the market for environmental goods and services by the year 2000. This sector employs over 200 000 Canadians today, promotes sustainable livelihoods, and will provide jobs for the future.

Many businesses have developed policies and practices that support sustainable development. They are becoming eco-efficient, reducing the material intensity of goods and services and generating less waste throughout the production process. There is growing support for

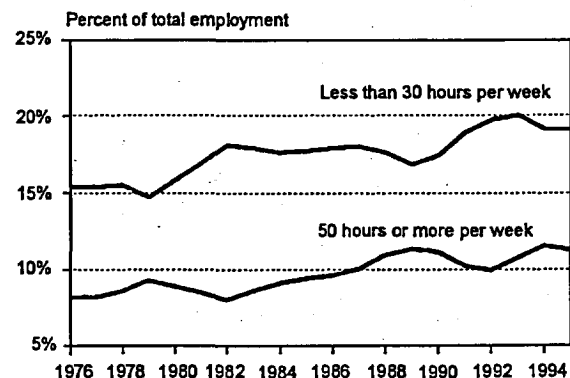
### Real per Capita GDP and Real Average Family Income in Canada, 1967-1994



Source: Statistics Canada

**On average, Canadians have had little income growth, despite continued growth in the gross domestic product...**

### Evolution of the Share of Workers Working Long and Short Hours



Source: Statistics Canada, unpublished data

**... and much of the income growth is because people are working more.**