

Occupational Cancer Research Centre

## Dedicated to the prevention of occupational cancer through the identification and elimination of carcinogen exposures in the workplace

### **Ontario needs an Occupational Cancer Research Centre**

- **Research in Cancer (IARC)**

**Ontario workplaces\*** 

radiation at work

**\*CAREX for use in Canada, 2008** 



OCRC is a joint undertaking funded by Cancer Care Ontario, the Workplace Safety and Insurance Board, and the Canadian Cancer Society, Ontario Division, and developed in collaboration with the United Steelworkers

# **Ontario's Occupational Cancer Research Centre (OCRC)**

## SCIENTIFIC CONTEXT, NEEDS AND PRIORITIES

**Work-related cancers** 





Age-standardized incidence rate per 100,000

## **OCRC** priorities

- Determine the most prevalent workplace carcinogen exposures in Ontario - Determine successful ways to reduce such exposures
- Establish effective knowledge transfer mechanisms
- Develop research projects for specific priority worker groups/exposures - Establish system to estimate and monitor workplace cancers

### **OCRC** modus operandi

- Highest quality of science
- Applied research focus
- Fully collaborative researchers, worker organizations and employers - Emphasis on transfer of knowledge into action, education, legislation
- and policy
- Multi-disciplinary

Industrial chemicals: vinyl chloride, formaldehyde, benzene, coal tars/pitches, soots, mineral oils, some plastic/rubber manufacturing intermediates, aromatic amine dyes, some pesticides, ethylene oxide

Metals: arsenic, beryllium, cadmium, chromium, nickel compounds **Others:** PAHs, sulfuric acid-containing acid mists, mustard gas, aflatoxin