
Employer Classification

Coverage status: **Mixed**
Mandatory (under Schedule 1)
Non-mandatory

The coverage status of business activities indicated by an asterisk (*) is non-mandatory. All other business activities are mandatorily covered under Schedule 1.

NAICS summary:

This Canadian industry comprises establishments primarily engaged in conducting research and experimental development in physical, engineering and life sciences, such as electronics, computers, chemistry, oceanography, geology, mathematics, physics, environmental, medicine, health, biology, botany, biotechnology, agriculture, fisheries, forestry, pharmacy, veterinary and other allied subjects.

Included examples:

- agriculture research and development laboratories*
- bacteriological research and development laboratories
- biology research and development laboratories
- biotechnology research and development laboratories
- chemical research and development laboratories
- computer and related hardware, research and development services
- dental research and development laboratories
- DNA technologies (e.g., microarrays) research and experimental development laboratories
- electronic research and development laboratories
- entomological research and development laboratories
- environmental (pollution) research and development laboratories
- farms, experimental*
- fish biologist service
- fisheries research and development laboratories*
- food research and development laboratories
- forestry research and development laboratories
- genetics research and development laboratories
- genomics proteomics research and development laboratories or services
- geology research and development laboratories

Employer Classification

- health (e.g., cancer, cerebral palsy) research and development laboratories
- horticulture or botany research and development
- industrial research and development laboratories (except testing)
- laboratories, physical research and development
- livestock research and development*
- mathematics research and development services
- medical research and development laboratories or services (except clinical)
- nanobiotechnologies research and experimental development laboratories
- nuclear research reactors, operation of
- nucleic acid chemistry research and experimental development laboratories
- observatories, astronomical
- oceanographic research and development laboratories
- pharmacy research and development laboratories
- photonics research and development services
- physical science research and development laboratories or services
- pollution research services
- research and development in the physical, engineering and life sciences
- research and development laboratories or services, engineering
- research and development laboratories or services, life sciences
- research and development laboratories or services, physical sciences
- telecommunication research and development
- veterinary research and development laboratories*

Exclusions:

- performing clinical laboratory testing for the medical profession (See 621510 Medical and diagnostic laboratories)
- performing laboratory testing for the veterinary profession (See 541940 Veterinary services)
- physical, chemical or other analytical testing services (See 541380 Testing laboratories)
- research and development on aerospace equipment undertaken by establishments belonging to enterprises manufacturing such equipment (See 336410 Aerospace product and parts manufacturing)



NAICS Code and Title

541710 Research and development in the physical, engineering and life sciences

WSIB Class/Subclass

Class L Professional, scientific and technical

Employer Classification

Notes:

- none

Application date: January 1, 2020

Published: January 1, 2020