

# RADON SURVEY OF ONTARIO WORKPLACES

## Radon is a gas that is...



radioactive



invisible



odorless

## Why is radon a concern?

Exposure to radon can cause lung cancer



## Where is radon found?

- Naturally found in rocks and soil
- Basement and ground floors are at most risk of radon gas buildup

## The OCRC Study: What are radon levels in Ontario workplaces?



### Key Insights

- Almost all cities had at least one workplace that tested above guidelines
- All buildings are susceptible to radon gas buildup
- Testing is the only way to know if radon is a problem
- Workplaces can test for radon to reduce risk



### Workplaces were tested in 10 Ontario cities



### Workplace Radon Testing

- Radon monitors were placed on ground and/or basement floors in worker-occupied rooms
- Monitors remained in place for 90+ days during winter months



### Radon was detected across Ontario workplaces

- 2.6% of workplaces tested above guidelines (200 Bq/m<sup>3</sup>)
- 7.5% of workplaces tested above World Health Organization (WHO) reference level (100 Bq/m<sup>3</sup>)

