

# MATHEMATICIANS, STATISTICIANS AND ACTUARIES

NOC 21210

Research mathematical or statistical theories and develop techniques for solving problems in many fields. Actuaries use statistics and probability to assess risk and financial impacts.



## 3-YEAR OUTLOOK



*Undetermined*

## 3-YEAR JOB OPENINGS

**9**

## MEDIAN HOURLY WAGE

**\$44.71**

\$30.33    \$64.40  
LOW      HIGH

## TYPICALLY REQUIRED



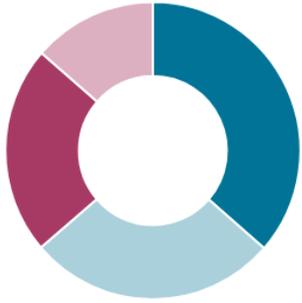
University

## EMPLOYED

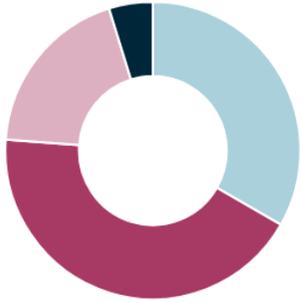
**133**

## AVERAGE SALARY

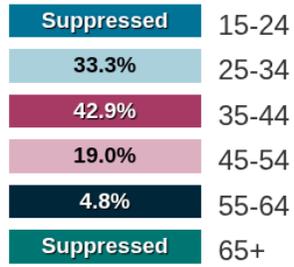
**\$80,000**



### EMPLOYMENT BY INDUSTRY



### EMPLOYMENT BY AGE



### ALSO KNOWN AS

- Actuary
- Demographer
- Biostatistician
- Insurance Actuary
- Consulting Actuary
- Mathematician

### MAIN DUTIES:

- This group performs some or all of the following duties:
- Conduct research to extend mathematical knowledge in traditional areas of mathematics such as algebra, geometry, probability and logic
  - Conduct research into the mathematical basis of the science of statistics
  - Apply mathematical models to forecast and calculate the probable future costs of insurance and pension benefits.

