

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 LOW — $64.40 HIGH

TYPICALLY REQUIRED



University

EMPLOYED

133

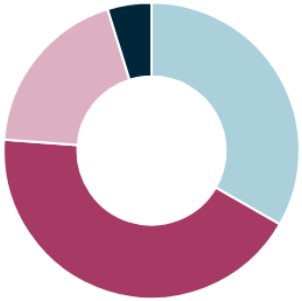
AVERAGE SALARY

$80,000



EMPLOYMENT BY INDUSTRY

36.4%	Finance and insurance
27.3%	Public administration
22.7%	Professional, scientific and technical services
13.6%	All Other Industries



EMPLOYMENT BY AGE

Suppressed	15-24
33.3%	25-34
42.9%	35-44
19.0%	45-54
4.8%	55-64
Suppressed	65+

ALSO KNOWN AS

- Actuary
- Biostatistician
- Consulting Actuary
- Demographer
- Insurance 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.

