



# THE HIDDEN STEM ECONOMY

## Rochester, NY metropolitan area profile

### STEM JOBS, 2011

*Jobs*

**98,190**

RANK: 47 out of 100

*Job Share*

**20.9%**

RANK: 30 out of 100

*Jobs requiring specialized knowledge in...*

SCIENCE

**44,260** (9.4%)

COMPUTERS

**22,480** (4.8%)

ENGINEERING

**52,550** (11.2%)

MATH

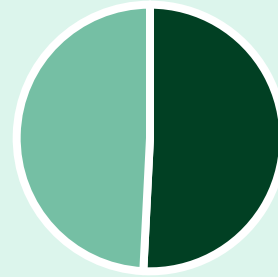
**29,620** (6.3%)

### STEM JOBS by DEGREE REQUIRED

*Bachelor's or more*

**50.8%**

RANK: 36 out of 100



*Associates' or less*

**49.2%**

RANK: 65 out of 100

### STEM WAGES

*All jobs*

**STEM: \$65,720**

**NON-STEM: \$37,701**

*Jobs requiring a Bachelor's or more*

**STEM: \$81,180**

**NON-STEM: \$63,482**

*Jobs requiring an Associates' or less*

**STEM: \$49,764**

**NON-STEM: \$31,186**

### TOP TEN STEM OCCUPATIONS

<i>Job title</i>	<i>Number of jobs</i>	<i>Share req. Bachelor's</i>
Health Diagnosing and Treating Practitioners	17,620	36.6%
Computer Occupations	14,030	83.7%
Financial Specialists	7,310	95.0%
Engineers	7,310	100.0%
Construction Trades Workers	5,610	0.0%
Health Technologists and Technicians	4,890	9.2%
Metal Workers and Plastic Workers	4,020	0.0%
Drafters, Engineering Technicians, and Mapping Technicians	3,600	10.8%
Postsecondary Teachers	3,350	100.0%
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	3,270	0.0%

### ECONOMIC PERFORMANCE INDICATORS

*Unemployment rate, 2011*

**7.7%** RANK: 28 out of 100

*Median household income, 2011*

**\$50,579** RANK: 52 out of 100

*Patents per thousand workers, 2007-2011*

**2.32** RANK: 6 out of 100