



## Rutgers - GSE - New Brunswick

## Program-Level Report

### Teacher of Mathematics

#### I. BACKGROUND

##### Educator Preparation Provider (EPP) Description

Location: New Brunswick, NJ  
 Institution Type: Public

#### II. CERTIFICATION AND EMPLOYMENT

##### A. Overall Certification and Employment

|  | Rutgers - GSE - New Brunswick   |   |  | All individuals from NJ EPPs obtaining specified CEAS                        |
|--|---|---|--|--|
|  | Individuals obtaining NJ Teacher of Mathematics CEAS* between September 1, 2010 and August 31, 2012 | Individuals employed as teacher in NJ Public Schools in School Year 2013-2014** | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 |
|  | 34  | 22  | 65%  | 69%  |

\* Individuals completing a traditional route, college- or university-based program obtain a 'Certificate of Eligibility with Advanced Standing' (CEAS)

\*\* as of October 15, 2013

Data Source: TCIS, NJSMART

##### Data Source Notes :

Certification data is submitted to the NJDOE by EPPs and gathered from the NJ Department of Education's Teacher Certification Information System (TCIS)

Employment data is submitted to the NJDOE by school districts and gathered from New Jersey's student- and staff-level Standards Measurement and Resource for Teaching data system (NJSMART)

Higher Education data is submitted to the NJDOE by Institutes of Higher Education and collected from the Office of the Secretary of Higher Education's Student Unit Record system (NJSURE). Not all Institutes of Higher Education submit data to the NJSURE database.

**B. State of Residence, Certification and Employment**

|  | Rutgers - GSE - New Brunswick   |   |  | All individuals from NJ EPPs obtaining specified CEAS                        |
|--|---|---|--|--|
|  | Individuals obtaining NJ CEAS between September 1, 2010 and August 31, 2012 | Individuals employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 |
| State of residence reported as outside of NJ while enrolled in program | -   | -   | -  | 80%  |

Data Source: TCIS, NJSURE, NJSMART

"-" results when at least one number falls below 10

**C. Number of Endorsements Obtained and Employment**

|                                     | Rutgers - GSE - New Brunswick   |   |  | All individuals from NJ EPPs obtaining specified CEAS                        |
|-------------------------------------|---|---|--|--|
|                                     | Individuals obtaining NJ CEAS between September 1, 2010 and August 31, 2012 | Individuals employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 |
| Obtained One Endorsement            | 32  | 19  | 59%  | 66%  |
| Obtained Two Endorsements           | 1   | 1   | 100%   | 86%  |
| Obtained Three or More Endorsements | 0   | 0   | N/A  | 50%  |

Data Source: TCIS, NJSMART

**D. Praxis II Results: Average Scale Score**

|                        |   | <b>Rutgers - GSE - New Brunswick</b> | <b>All individuals from NJ EPPs obtaining specified CEAS</b> |
|------------------------|---|--------------------------------------|--|
| <b>Certification</b>   | <b>Praxis II Test (Test Number)</b>         | <b>Average Scale Score</b>           | <b>Average Scale Score</b>                                   |
| Teacher of Mathematics | Mathematics: Content Knowledge (0061; 5061) | 169                                  | 155  |

**E. Cumulative GPA**

|  | <b>Rutgers - GSE - New Brunswick</b>                                  | <b>All individuals from NJ EPPs obtaining specified CEAS</b>          |
|--|---|---|
|  | <b>Obtained NJ CEAS between September 1, 2010 and August 31, 2012</b> | <b>Obtained NJ CEAS between September 1, 2010 and August 31, 2012</b> |
|  | 3.79  | 3.56  |

Data Source: NJSURE

"-" results when count of GPAs falls below 10

*NOTE: All data reported in **Sections III and IV** is in relation to Number Employed as teacher in NJ Public Schools in School Year 2013-2014*

**III. PLACEMENT**

**A. School Classification**

|                                 | Rutgers - GSE - New Brunswick               |   | All individuals from NJ EPPs obtaining specified CEAS         |
|---------------------------------|---|---|---|
| Employed Completers working in: | Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 |
| Focus School                    | 1   | 5%  | 11%   |
| Priority School                 | 0   | 0%  | 2%  |
| Reward School                   | 0   | 0%  | 1%  |
| Not Classified                  | 21  | 95%   | 86%   |

*Data Description:* 'Focus School' is a school that has room for improvement in areas that are specific to the school. Focus Schools receive targeted and tailored solutions to meet the school's unique needs, including Low Graduation Rates, Largest Within-School Gaps, Lowest Subgroup Performance

'Priority School' is a school that has been identified as among the lowest-performing five percent of Title I schools in the state over the past three years, or any non-Title I school that would otherwise have met the same criteria.

'Reward School' is a school with outstanding student achievement or growth over the past three years.

*Data Source:* NJSMART

## B. District Factor Group (DFG)

|  | Rutgers - GSE - New Brunswick               |   | All individuals from NJ EPPs obtaining specified CEAS         |
|--|---|---|---|
| Employed Completers working in school in DFG:            | Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 |
| A***   | 0   | 0%  | 11%   |
| B  | 0   | 0%  | 7%  |
| CD   | 0   | 0%  | 8%  |
| DE   | 1   | 5%  | 12%   |
| FG   | 3   | 14%   | 11%   |
| GH   | 4   | 18%   | 17%   |
| I  | 7   | 32%   | 17%   |
| J  | 3   | 14%   | 6%  |
| Charter  | 2   | 9%  | 3%  |
| Vocational Technical                                     | 0   | 0%  | 4%  |
| Other  | 0   | 0%  | 4%  |
| ***All DFG 'A' schools are deemed Teacher Shortage Areas |   |   |   |

*Data Description:* DFGs represent an approximate measure of a community's relative socioeconomic status

*Note:* Percentages may not add to 100% as some schools do not have a DFG classification

*Data Source:* NJSMART

## C. Teacher Eligibility for Loan Forgiveness

|  | Rutgers - GSE - New Brunswick               |   | All individuals from NJ EPPs obtaining specified CEAS         |
|--|---|---|---|
|  | Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 |
| Teaching in School with Eligibility for Federal Teacher Loan Forgiveness Program | 16  | 73%   | 51%   |

*Data Description:* Eligibility defined as working in school with school population of at least 30% students Free or Reduced Price Lunch

*Data Source:* NJSMART

### D. County

|                                 | Rutgers - GSE - New Brunswick               |   | All individuals from NJ EPPs obtaining specified CEAS         |
|---------------------------------|---|---|---|
| Employed Completers working in: | Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 |
| Atlantic                        | 0   | 0%  | 4%  |
| Bergen                          | 2   | 9%  | 15%   |
| Burlington                      | 0   | 0%  | 2%  |
| Camden                          | 0   | 0%  | 3%  |
| Cape May                        | 0   | 0%  | 1%  |
| Cumberland                      | 0   | 0%  | 3%  |
| Essex                           | 0   | 0%  | 8%  |
| Gloucester                      | 1   | 5%  | 2%  |
| Hudson                          | 0   | 0%  | 6%  |
| Hunterdon                       | 1   | 5%  | 1%  |
| Mercer                          | 2   | 9%  | 6%  |
| Middlesex                       | 5   | 23%   | 11%   |
| Monmouth                        | 0   | 0%  | 5%  |
| Morris                          | 1   | 5%  | 7%  |
| Ocean                           | 0   | 0%  | 3%  |
| Passaic                         | 1   | 5%  | 4%  |
| Salem                           | 0   | 0%  | 1%  |
| Somerset                        | 3   | 14%   | 4%  |
| Sussex                          | 0   | 0%  | 1%  |
| Union                           | 2   | 9%  | 7%  |
| Warren                          | 0   | 0%  | 1%  |

Data Source: NJSMART

### E. Classroom Assignment: Teacher Shortage Area

|                                 | Rutgers - GSE - New Brunswick               |   | All individuals from NJ EPPs obtaining specified CEAS         |
|---------------------------------|---|---|---|
| Employed Completers working in: | Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 |
| Teacher Shortage Area           | 20  | 91%   | 97%   |

Data Description : 'Teacher Shortage Area' is defined by the U.S. Department of Education and New Jersey as Math, Science, Foreign Languages, Bilingual/Bicultural, ESL and Special Education

Data Source: NJSMART

**F. Classroom Assignment: Content Area**

|  | Rutgers - GSE - New Brunswick               |   | All individuals from NJ EPPs obtaining specified CEAS         |
|--|---|---|---|
| Employed Completers working in:        | Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 |
| Early Childhood Education (PK-K)       | 0   | 0%  | 0%  |
| Elementary Generalist (K-8)            | 0   | 0%  | 1%  |
| Mathematics†                           | 20  | 91%   | 92%   |
| Life and Physical Sciences†            | 0   | 0%  | 1%  |
| Foreign Language and Literature†       | 0   | 0%  | 0%  |
| Bilingual/ Bicultural†                 | 0   | 0%  | 0%  |
| ESL†                                   | 0   | 0%  | 0%  |
| SpEd†                                  | 0   | 0%  | 5%  |
| Social Sciences and History            | 0   | 0%  | 0%  |
| English Language and Literacy          | 0   | 0%  | 0%  |
| Physical, Health, and Safety Education | 0   | 0%  | 0%  |
| Fine and Performing Arts               | 0   | 0%  | 0%  |
| Career and Technical Education         | 0   | 0%  | 0%  |
| Other                                  | 0   | 0%  | 1%  |
| †Indicates teacher shortage area.      |   |   |   |

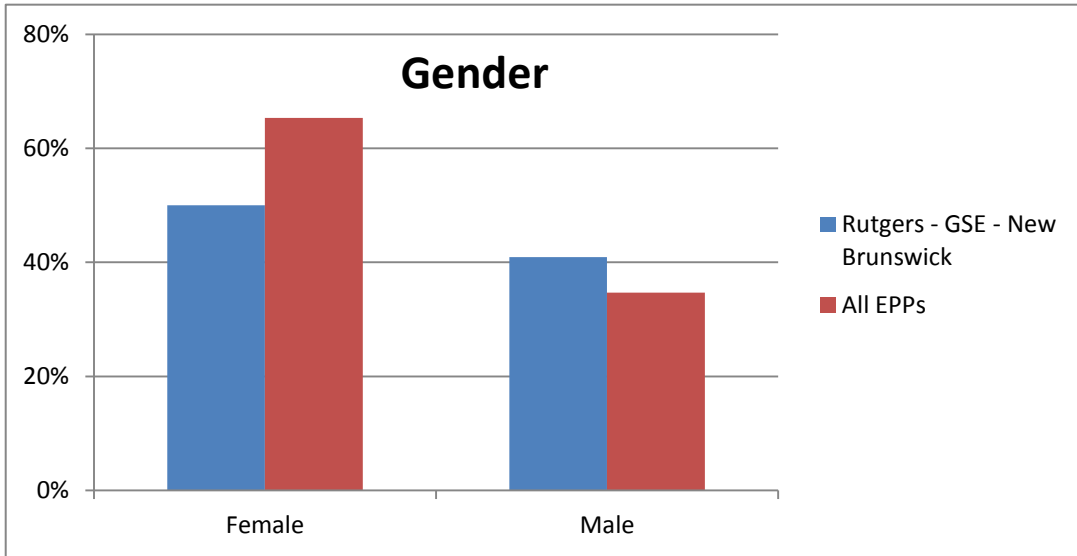
Data Source: NJSMART

Note: Percentages may not add to 100% as some individuals' classroom assignments may not be reported by district

**IV. TEACHER INFORMATION**

**A. Demographics: Gender**

|        | Rutgers - GSE - New Brunswick               |   | All individuals from NJ EPPs obtaining specified CEAS         |
|--------|---|---|---|
|        | Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 |
| Female | 11  | 50%   | 65%   |
| Male   | 9   | 41%   | 35%   |

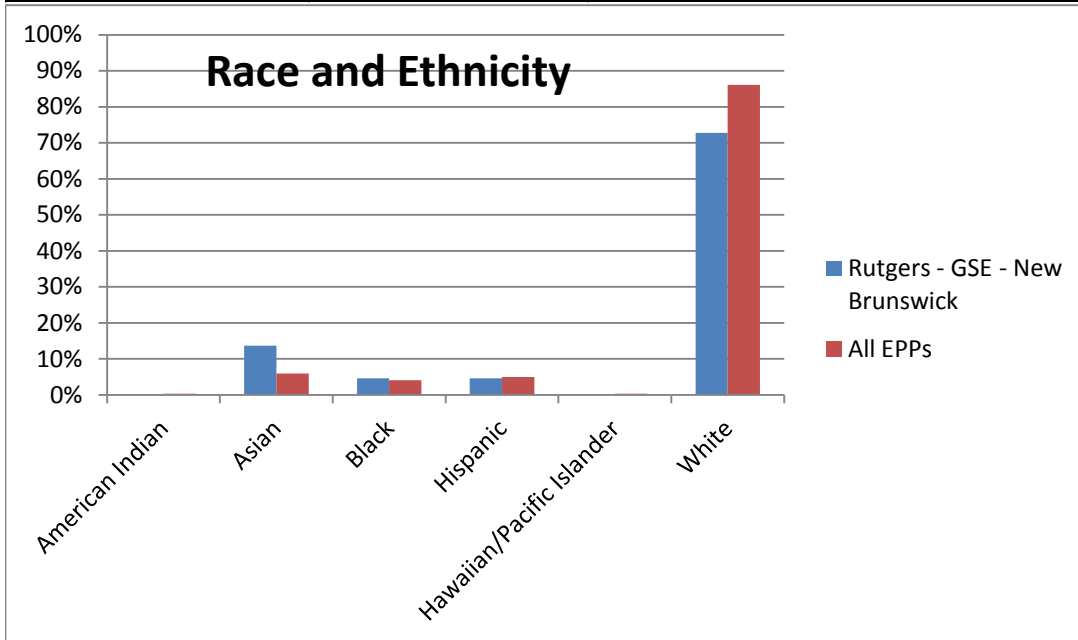


Data Source: NJSMART



**B: Demographics: Race and Ethnicity**

|                           | Rutgers - GSE - New Brunswick               |   | All individuals from NJ EPPs obtaining specified CEAS         |
|---------------------------|---|---|---|
|                           | Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 | Percentage of All Employed in NJ Public Schools in SY '13-'14 |
| American Indian           | 0   | 0%  | 0%  |
| Asian                     | 3   | 14%   | 6%  |
| Black                     | 1   | 5%  | 4%  |
| Hispanic                  | 1   | 5%  | 5%  |
| Hawaiian/Pacific Islander | 0   | 0%  | 0%  |
| White                     | 16  | 73%   | 86%   |



Data Source: NJSMART

*NOTE: All data reported in **Section V and VI** is in relation to individuals who Obtained NJ CEAS between September 1, 2010 and August 31, 2012, and taught in NJ Public Schools in SY 2012-2013*

**V. EDUCATION**

**A. Transfer Student**

|   | Rutgers - GSE - New Brunswick   |   |  | All individuals from NJ EPPs obtaining specified CEAS                        |
|---|---|---|--|--|
|   | Individuals obtaining NJ CEAS between September 1, 2010 and August 31, 2012 | Individuals employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 |
| Reported as Transfer Into College or University | 26  | -   | -  | 68%  |

*Data Source: TCIS, NJSURE, NJSMART*

*"-" results when at least one number falls below 10*

## B. Area of Study

|   | Rutgers - GSE - New Brunswick   |   |  | All individuals from NJ EPPs obtaining                                       |
|---|---|---|--|--|
|   | Individuals obtaining NJ CEAS between September 1, 2010 and August 31, 2012 | Individuals employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 |
| Education   | 31  | 20  | 65%  | 76%  |
| Liberal Arts and Sciences, General Studies and Humanities     | 0   | 0   | N/A  | N/A  |
| English Language and Literature/Letters                       | 0   | 0   | N/A  | N/A  |
| Mathematics and Statistics                                    | 0   | 0   | N/A  | 74%  |
| Biological and Biomedical Sciences                            | 0   | 0   | N/A  | N/A  |
| Physical Sciences   | 0   | 0   | N/A  | N/A  |
| Social Sciences   | 0   | 0   | N/A  | N/A  |
| History   | 0   | 0   | N/A  | N/A  |
| Psychology  | 0   | 0   | N/A  | N/A  |
| Computer and Information Sciences and Support Services        | 0   | 0   | N/A  | N/A  |
| Foreign Languages, Literatures, and Linguistics               | 0   | 0   | N/A  | N/A  |
| Multi/ Interdisciplinary Studies                              | 0   | 0   | N/A  | 0%   |
| Visual and Performing Arts                                    | 0   | 0   | N/A  | N/A  |
| Business, Management, Marketing, and Related Support Services | 0   | 0   | N/A  | N/A  |

Data Source: TCIS, NJSURE, NJSMART

"-" results when at least one number falls below 10 and above 0

**B. Area of Study (continued)**

|  | Rutgers - GSE - New Brunswick   |   |  | All individuals from NJ EPPs obtaining specified CEAS                        |
|--|---|---|--|--|
|  | Individuals obtaining NJ CEAS between September 1, 2010 and August 31, 2012 | Individuals employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 | Percentage employed as teacher in NJ Public Schools in School Year 2013-2014 |
| Area, Ethnic, Cultural, Gender, and Group Studies                                | 0   | 0   | N/A  | N/A  |
| Natural Resources and Conservation   | 0   | 0   | N/A  | N/A  |
| Communication, Journalism, and Related Programs                                  | 0   | 0   | N/A  | N/A  |
| Family and Consumer Sciences/Human Sciences                                      | 0   | 0   | N/A  | N/A  |
| Homeland Security, Law Enforcement, Firefighting and Related Protective Services | 0   | 0   | N/A  | N/A  |

Data Source: TCIS, NJSURE, NJSMART

"-" results when at least one number falls below 10 and above 0