



State-wide Alternate Route

Program-Level Report

Teacher of Mathematics

I. CERTIFICATION AND EMPLOYMENT

A. Overall Certification and Employment

	Alternate Route: Teacher of Mathematics		
	Individuals obtaining NJ CE* 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
	599	226	38%

* Individuals seeking the Alternate Route to teaching in New Jersey obtain a 'Certificate of Eligibility' (CE)

** 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)

B. Number of Endorsements Obtained and Employment

	Alternate Route: Teacher of Mathematics		
	Individuals obtaining NJ CE 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
Obtained One Endorsement	493	175	35%
Obtained Two Endorsements	70	36	51%
Obtained Three or More Endorsements	36	15	42%

Data Source: TCIS, NJSMART

II. PLACEMENT

A. School Classification

	Alternate Route: Teacher of Mathematics		All Teachers State-wide
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	28	12%	10%
Priority School	16	7%	3%
Reward School	3	1%	2%
Not Classified	179	79%	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)

	Alternate Route: Teacher of Mathematics		All Teachers State-wide
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***	54	24%	17%
B	23	10%	10%
CD	15	7%	8%
DE	29	13%	11%
FG	27	12%	11%
GH	12	5%	13%
I	14	6%	16%
J	4	2%	4%
Charter	19	8%	2%
Vocational Technical	11	5%	2%
Other	18	8%	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

	Alternate Route: Teacher of Mathematics		All Teachers State-wide
	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	140	62%	44%

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

	Alternate Route: Teacher of Mathematics		All Teachers State-wide
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	7	3%	3%
Bergen	15	7%	10%
Burlington	6	3%	5%
Camden	15	7%	6%
Cape May	1	0%	1%
Cumberland	2	1%	2%
Essex	31	14%	10%
Gloucester	5	2%	3%
Hudson	21	9%	6%
Hunterdon	4	2%	2%
Mercer	9	4%	4%
Middlesex	14	6%	8%
Monmouth	0	0%	8%
Morris	10	4%	6%
Ocean	10	4%	5%
Passaic	14	6%	6%
Salem	2	1%	1%
Somerset	9	4%	4%
Sussex	3	1%	2%
Union	24	11%	7%
Warren	3	1%	1%

Data Source: NJSMART

E. Classroom Assignment: Teacher Shortage Area

	Alternate Route: Teacher of Mathematics		All Teachers State-wide
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	212	94%	34%

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

	Alternate Route: Teacher of Mathematics		All Teachers State-wide
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%	5%
Elementary Generalist (K-8)	0	0%	28%
Mathematics†	194	86%	8%
Life and Physical Sciences†	12	5%	6%
Foreign Language and Literature†	0	0%	4%
Bilingual/ Bicultural†	0	0%	1%
ESL†	0	0%	2%
SpEd†	6	3%	14%
Social Sciences and History	1	0%	5%
English Language and Literacy	0	0%	9%
Physical, Health, and Safety Education	1	0%	6%
Fine and Performing Arts	0	0%	6%
Career and Technical Education	0	0%	0%
Other	12	5%	3%
†Indicates teacher shortage area.			

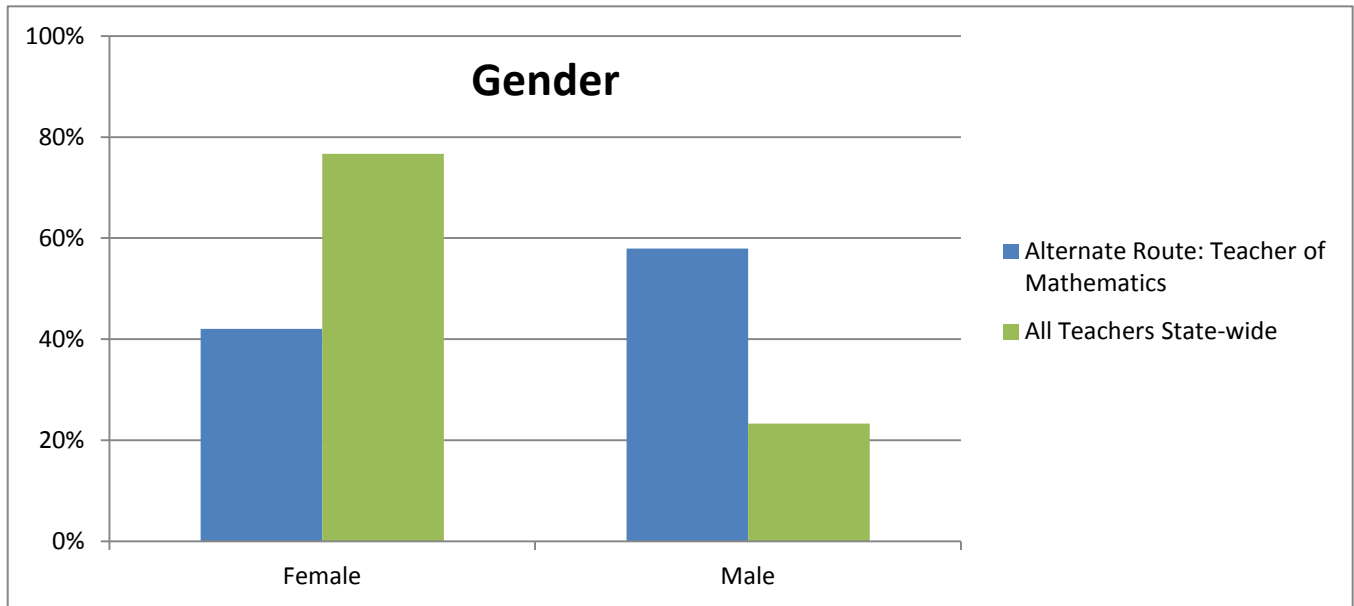
Data Source: NJSMART

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

III. TEACHER INFORMATION

A. Demographics: Gender

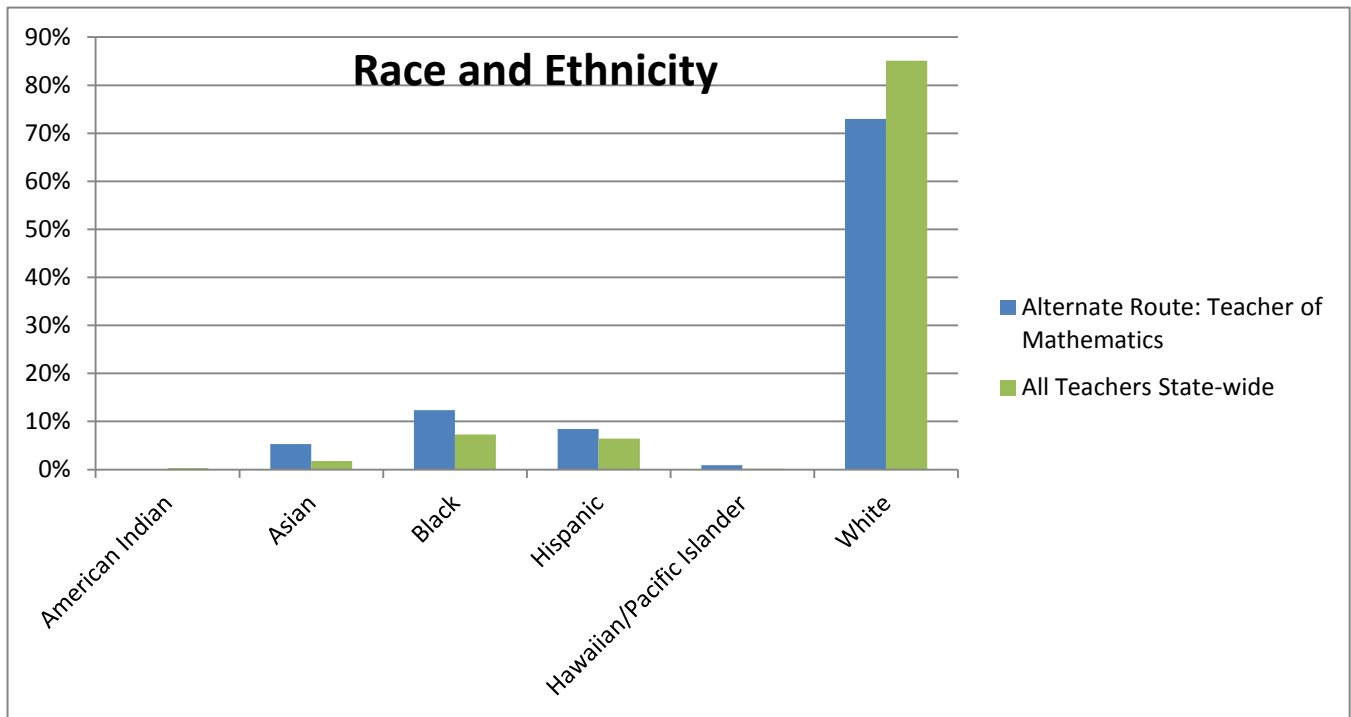
	Alternate Route: Teacher of Mathematics		All Teachers State-wide
	Employed in NJ Public Schools in SY '13-'14	Percentage of All Employed in NJ Public Schools in SY '13-'14	Percentage of All Employed in NJ Public Schools in SY '13-'14
Female	95	42%	77%
Male	131	58%	23%



Data Source: NJSMART

B: Demographics: Race and Ethnicity

	Alternate Route: Teacher of Mathematics	All Teachers State-wide
	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%
Asian	12	5%
Black	28	12%
Hispanic	19	8%
Hawaiian/Pacific Islander	2	1%
White	165	73%



Data Source: NJSMART