Preliminary Multiple Subjects Credential Program Completer Survey - 2015

## UNIVERSITY OF SOUTHERN CALIFORNIA

## Engaging and Supporting All Students in Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

| of the following as a teacher? |  | Program |  | Statewide |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 11 | 100.0\% | 1025 | 100.0\% |
| $1=$ Not at all |  | 0 | 0.0\% | 0 | 0.0\% |
| 2 = Poorly |  | 0 | 0.0\% | 13 | 1.3\% |
| 3 = Adequately |  | 0 | 0.0\% | 150 | 14.6\% |
| 4 = Well |  | 5 | 45.5\% | 337 | 32.9\% |
| 5 = Very well |  | 6 | 54.5\% | 525 | 51.2\% |
|  | Mean : SD | 4.55 | 0.52 | 4.34 | 0.77 |

5. Meet the instructional needs of English learners

|  |  | English learners |  |  |  | teaching strategies |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Program |  | Statewide |  | Program |  | Statewide |  |
|  |  | 11 | 100.0\% | 1022 | 99.7\% | 11 | 100.0\% | 1023 | 99.8\% |
| $1=$ Not at all |  | 0 | 0.0\% | 2 | 0.2\% | 0 | 0.0\% | 6 | 0.6\% |
| 2 = Poorly |  | 0 | 0.0\% | 25 | 2.4\% | 0 | 0.0\% | 52 | 5.1\% |
| 3 = Adequately |  | 0 | 0.0\% | 166 | 16.2\% | 2 | 18.2\% | 231 | 22.6\% |
| 4 = Well |  | 4 | 36.4\% | 321 | 31.4\% | 4 | 36.4\% | 341 | 33.3\% |
| 5 = Very well |  | 7 | 63.6\% | 508 | 49.7\% | 5 | 45.5\% | 393 | 38.4\% |
|  | Mean : SD | 4.64 | 0.50 | 4.28 | 0.84 | 4.27 | 0.79 | 4.04 | 0.93 |

Creating and Maintaining Effective Environments for Student Learning

| How well did your teacher preparation program prepare you to do each of the following as a teacher? | 7. Engage students in cooperative group work as well as independent learning |  |  |  | 8. Establish and maintain a safe and respectful learning environment for all students |  |  |  | 9. Create a productive learning environment with high expectations for all students |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  |
|  | 11 | 100.0\% | 1025 | 100.0\% | 11 | 100.0\% | 1021 | 99.6\% | 11 | 100.0\% | 1022 | 99.7\% |
| $1=$ Not at all | 0 | 0.0\% | 3 | 0.3\% | 0 | 0.0\% | 2 | 0.2\% | 0 | 0.0\% | 1 | 0.1\% |
| 2 = Poorly | 0 | 0.0\% | 14 | 1.4\% | 0 | 0.0\% | 6 | 0.6\% | 0 | 0.0\% | 14 | 1.4\% |
| 3 Adequately | 0 | 0.0\% | 119 | 11.6\% | 0 | 0.0\% | 106 | 10.4\% | 0 | 0.0\% | 126 | 12.3\% |
| $4=$ Well | 4 | 36.4\% | 356 | 34.7\% | 2 | 18.2\% | 276 | 27.0\% | 2 | 18.2\% | 313 | 30.6\% |
| 5 = Very well | 7 | 63.6\% | 533 | 52.0\% | 9 | 81.8\% | 631 | 61.8\% | 9 | 81.8\% | 568 | 55.6\% |
| Mean : SD | 4.64 | 0.50 | 4.37 | 0.76 | 4.82 | 0.40 | 4.50 | 0.72 | 4.82 | 0.40 | 4.40 | 0.76 |

# Preliminary Multiple Subjects Credential Program Completer Survey - 2015 

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## Understanding and Organizing Subject Matter for Student Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

| of the following as a teacher? |  | ten | tandard | ectivel |  | atter | nd skills |  |  | atter | cessible | ll stu | nts |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Prog | ram | Stat | wide | Prog | ram | State | wide | Prog | ram | State | wide |
|  |  | 11 | 100.0\% | 975 | 95.1\% | 11 | 100.0\% | 974 | 95.0\% | 11 | 100.0\% | 973 | 94.9\% |
| $1=$ Not at all |  | 0 | 0.0\% | 5 | 0.5\% | 0 | 0.0\% | 2 | 0.2\% | 0 | 0.0\% | 2 | 0.2\% |
| 2 = Poorly |  | 0 | 0.0\% | 46 | 4.7\% | 0 | 0.0\% | 24 | 2.5\% | 0 | 0.0\% | 28 | 2.9\% |
| 3 = Adequately |  | 0 | 0.0\% | 170 | 17.4\% | 0 | 0.0\% | 142 | 14.6\% | 0 | 0.0\% | 177 | 18.2\% |
| 4 = Well |  | 3 | 27.3\% | 328 | 33.6\% | 3 | 27.3\% | 359 | 36.9\% | 3 | 27.3\% | 341 | 35.0\% |
| 5 = Very well |  | 8 | 72.7\% | 426 | 43.7\% | 8 | 72.7\% | 447 | 45.9\% | 8 | 72.7\% | 425 | 43.7\% |
|  | Mean : SD | 4.73 | 0.47 | 4.15 | 0.91 | 4.73 | 0.47 | 4.26 | 0.81 | 4.73 | 0.47 | 4.19 | 0.85 |

## Planning Instruction and Designing Learning Experiences for All Students

How well did your teacher preparation program prepare you to do each of the following as a teacher?
13. Plan instruction based on students' prior knowledge, academic readiness, language proficiency, cultural background, and individual development

## Assessing Students for Learning

How well did your teacher preparation program prepare you to do each f the following as a teacher?
15. Develop and use assessment data from a variety of sources to establish learning goals and to plan, differentiate, and modify instruction
16. Involve all students in selfassessment, goal setting, and monitoring progress

## 17. Give productive feedback to

 students to guide their learning|  |  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 11 | 100.0\% | 972 | 94.8\% | 11 | 100.0\% | 974 | 95.0\% | 11 | 100.0\% | 975 | 95.1\% |
| $1=$ Not at all |  | 0 | 0.0\% | 3 | 0.3\% | 0 | 0.0\% | 4 | 0.4\% | 0 | 0.0\% | 4 | 0.4\% |
| $2=$ Poorly |  | 0 | 0.0\% | 42 | 4.3\% | 0 | 0.0\% | 62 | 6.4\% | 0 | 0.0\% | 36 | 3.7\% |
| 3 Adequately |  | 2 | 18.2\% | 199 | 20.5\% | 2 | 18.2\% | 251 | 25.8\% | 1 | 9.1\% | 192 | 19.7\% |
| 4 = Well |  | 5 | 45.5\% | 330 | 34.0\% | 4 | 36.4\% | 318 | 32.6\% | 5 | 45.5\% | 334 | 34.3\% |
| 5 = Very well |  | 4 | 36.4\% | 398 | 40.9\% | 5 | 45.5\% | 339 | 34.8\% | 5 | 45.5\% | 409 | 41.9\% |
|  | Mean : SD | 4.18 | 0.75 | 4.11 | 0.90 | 4.27 | 0.79 | 3.95 | 0.95 | 4.36 | 0.67 | 4.14 | 0.88 |

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| Developing as a Professional Educator |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| How well did your teacher preparation program prepare you to do each of the following as a teacher? | 18. Evaluate the effects of your actions on student learning and modify plans accordingly |  |  |  | 19. Work with families to better understand students and to support their learning |  |  |  | 20. Work with colleagues to improve instruction |  |  |  |
|  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  |
|  | 11 | 100.0\% | 945 | 92.2\% | 11 | 100.0\% | 946 | 92.3\% | 11 | 100.0\% | 946 | 92.3\% |
| $1=$ Not at all | 0 | 0.0\% | 2 | 0.2\% | 0 | 0.0\% | 23 | 2.4\% | 0 | 0.0\% | 9 | 1.0\% |
| 2 = Poorly | 0 | 0.0\% | 18 | 1.9\% | 1 | 9.1\% | 67 | 7.1\% | 0 | 0.0\% | 35 | 3.7\% |
| 3 = Adequately | 1 | 9.1\% | 151 | 16.0\% | 3 | 27.3\% | 243 | 25.7\% | 2 | 18.2\% | 168 | 17.8\% |
| $4=$ Well | 4 | 36.4\% | 360 | 38.1\% | 3 | 27.3\% | 314 | 33.2\% | 3 | 27.3\% | 269 | 28.4\% |
| 5 = Very well | 6 | 54.5\% | 414 | 43.8\% | 4 | 36.4\% | 299 | 31.6\% | 6 | 54.5\% | 465 | 49.2\% |
| Mean : SD | 4.45 | 0.69 | 4.23 | 0.80 | 3.91 | 1.04 | 3.84 | 1.03 | 4.36 | 0.81 | 4.21 | 0.93 |

## Content for Multiple Subjects

| How well did your preparation program prepare you to teach each of the following subjects: | 21. English Literacy/Language Arts |  |  |  | 22. Mathematics |  |  |  | 23. Science |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  |
|  | 11 | 100.0\% | 947 | 92.4\% | 11 | 100.0\% | 944 | 92.1\% | 11 | 100.0\% | 945 | 92.2\% |
| $1=$ Not at all | 0 | 0.0\% | 1 | 0.1\% | 0 | 0.0\% | 4 | 0.4\% | 0 | 0.0\% | 7 | 0.7\% |
| 2 = Poorly | 0 | 0.0\% | 26 | 2.7\% | 0 | 0.0\% | 45 | 4.8\% | 0 | 0.0\% | 70 | 7.4\% |
| 3 = Adequately | 1 | 9.1\% | 115 | 12.1\% | 1 | 9.1\% | 151 | 16.0\% | 3 | 27.3\% | 228 | 24.1\% |
| $4=$ Well | 5 | 45.5\% | 296 | 31.3\% | 4 | 36.4\% | 288 | 30.5\% | 4 | 36.4\% | 298 | 31.5\% |
| 5 = Very well | 5 | 45.5\% | 509 | 53.7\% | 6 | 54.5\% | 456 | 48.3\% | 4 | 36.4\% | 342 | 36.2\% |
| Mean : SD | 4.36 | 0.67 | 4.36 | 0.81 | 4.45 | 0.69 | 4.22 | 0.91 | 4.09 | 0.83 | 3.95 | 0.98 |


|  |  | 24. History/Social Studies |  |  |  | 25. Creative/Fine arts |  |  |  | 26. Physical Education/Health |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  |
|  |  | 11 | 100.0\% | 944 | 92.1\% | 11 | 100.0\% | 943 | 92.0\% | 11 | 100.0\% | 947 | 92.4\% |
| $1=$ Not at all |  | 0 | 0.0\% | 11 | 1.2\% | 0 | 0.0\% | 61 | 6.5\% | 0 | 0.0\% | 77 | 8.1\% |
| 2 = Poorly |  | 0 | 0.0\% | 72 | 7.6\% | 0 | 0.0\% | 91 | 9.7\% | 0 | 0.0\% | 96 | 10.1\% |
| 3 = Adequately |  | 0 | 0.0\% | 245 | 26.0\% | 0 | 0.0\% | 298 | 31.6\% | 3 | 27.3\% | 298 | 31.5\% |
| $4=$ Well |  | 6 | 54.5\% | 292 | 30.9\% | 3 | 27.3\% | 255 | 27.0\% | 3 | 27.3\% | 233 | 24.6\% |
| 5 = Very well |  | 5 | 45.5\% | 324 | 34.3\% | 8 | 72.7\% | 238 | 25.2\% | 5 | 45.5\% | 243 | 25.7\% |
|  | Mean : SD | 4.45 | 0.52 | 3.90 | 1.00 | 4.73 | 0.47 | 3.55 | 1.16 | 4.18 | 0.87 | 3.50 | 1.21 |

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## Field Experiences

| 27. Which of the following best describes the kind <br> of clinical experience you had during your <br> preparation (check all that apply): |
| :--- |
| Program |
| Student teaching with a cooperating teacher |
| Teaching fellow or intern in a program where I |
| served as teacher of record while taking courses |
| for my credential |


| 29. How often did preparation program faculty or supervisors observe your classroom instruction and provide feedback during your clinical practice? | Program |  | Statewide |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 10 | 90.9\% | 933 | 91.0\% |
| 1 = Once or twice | 0 | 0.0\% | 19 | 2.0\% |
| $2=3-5$ times | 1 | 10.0\% | 187 | 20.0\% |
| $3=6-10$ times | 4 | 40.0\% | 392 | 42.0\% |
| $4=11-15$ times | 1 | 10.0\% | 149 | 16.0\% |
| $5=16-20$ times | 1 | 10.0\% | 88 | 9.4\% |
| $6=$ More than 20 times | 3 | 30.0\% | 98 | 10.5\% |
| Mean : SD | 4.10 | 1.52 | 3.42 | 1.26 |


| 30. My field experiences helped me integrate and apply the major ideas developed through program coursework | Program |  | Statewide |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 10 | 90.9\% | 930 | 90.7\% |
| 1 = Strongly Disagree | 0 | 0.0\% | 11 | 1.2\% |
| 2 = Disagree | 0 | 0.0\% | 13 | 1.4\% |
| 3 = Neutral | 0 | 0.0\% | 60 | 6.5\% |
| $4=$ Agree | 5 | 50.0\% | 346 | 37.2\% |
| 5 = Strongly Agree | 5 | 50.0\% | 500 | 53.8\% |
| Mean : SD | 4.50 | 0.53 | 4.41 | 0.77 |


|  | Program |  | Statewide |  |
| :--- | ---: | ---: | ---: | ---: |
| 31. My cooperating teacher(s) (select all that apply): | 10 | $90.9 \%$ | 911 | $88.9 \%$ |
| Frequently observed my teaching and met with me to <br> offer feedback |  |  |  |  |
| Was an excellent educator and a valuable role model | 7 | $72.7 \%$ | 793 | $77.4 \%$ |
| Modeled effective practices | 9 | $81.8 \%$ | 797 | $77.8 \%$ |
| Helped me plan and organize curriculum materials | 5 | $45.5 \%$ | 726 | $70.8 \%$ |
| Offered useful strategies and advice about my <br> teaching | 10 | $90.9 \%$ | 811 | $79.1 \%$ |
| Helped me reflect on my practice | 7 | $63.6 \%$ | 737 | $71.9 \%$ |
| Helped me to solve teaching problems | 9 | $81.8 \%$ | 740 | $72.2 \%$ |
| Was knowledgeable about and able to provide support <br> for field-based assignments | 8 | 765 | $74.6 \%$ |  |


| 32. Approximately how much time did you spend in student teaching (in the classroom of a cooperating teacher) as part of your supervised fieldwork? | Program |  | Statewide |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 10 | 90.9\% | 919 | 89.7\% |
| 1 = Less than 100 hours | 2 | 20.0\% | 19 | 2.2\% |
| $2=100-299$ hours | 0 | 0.0\% | 91 | 10.6\% |
| $3=300-599$ hours | 4 | 40.0\% | 260 | 30.3\% |
| $4=600-799$ hours | 4 | 40.0\% | 244 | 28.4\% |
| $5=800$ hours or more | 0 | 0.0\% | 244 | 28.4\% |
| This question does not apply to me because I did not do any student teaching. ** | 0 | - | 61 | - |
| Mean : SD | 3.00 | 1.15 | 3.70 | 1.06 |

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Questions \#33 and \#34 apply only to interns.

| 33. Approximately how much time did you spend in an internship placement as teacher of record as part of your fieldwork? | Program |  | Statewide |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 10 | 90.9\% | 931 | 90.8\% |
| 1 = Less than 100 hours | 1 | 100.0\% | 13 | 8.3\% |
| $2=100-299$ hours | 0 | 0.0\% | 14 | 9.0\% |
| 3 = 300-599 hours | 0 | 0.0\% | 32 | 20.5\% |
| $4=600-799$ hours | 0 | 0.0\% | 25 | 16.0\% |
| $5=800$ hours or more | 0 | 0.0\% | 72 | 46.2\% |
| Does not apply/I was not in an internship** | 9 | - | 775 | - |
| Mean : SD | 1.00 | ? | 3.83 | 1.33 |


| 34. If you served in an internship placement, how often did your assigned mentor observe your classroom instruction and provide feedback and assistance during your clinical practice? | Program |  | Statewide |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 10 | 90.9\% | 926 | 90.3\% |
| = Once or twice | 0 | 0.0\% | 13 | 9.8\% |
| = 3-5 times | 0 | 0.0\% | 26 | 19.5\% |
| $=6-10$ times | 0 | 0.0\% | 36 | 27.1\% |
| $=11-15$ times | 1 | 100.0\% | 19 | 14.3\% |
| $=16-20$ times | 0 | 0.0\% | 15 | 11.3\% |
| = More than 20 times | 0 | 0.0\% | 24 | 18.0\% |
| Does not apply/I was not in an internship ** | 9 | - | 793 | - |
| Mean : SD | 4.00 | ? | 3.52 | 1.60 |

## Content for Multiple Subjects: English Language Arts

| 35. In your teacher preparation program, how much opportunity did you have to do each of the following? | a) Learn ways to teach decoding skills |  |  |  | b) Learn ways to build student interest and motivation to read |  |  |  | c) Learn how to help students make predictions to improve comprehension |  |  |  | d) Learn how to support older students in learning to read |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  |
|  | 10 | 90.9\% | 914 | 89.2\% | 10 | 90.9\% | 912 | 89.0\% | 10 | 90.9\% | 911 | 88.9\% | 10 | 90.9\% | 909 | 88.7\% |
| $1=$ None | 0 | 0.0\% | 15 | 1.6\% | 0 | 0.0\% | 10 | 1.1\% | 0 | 0.0\% | 15 | 1.6\% | 0 | 0.0\% | 42 | 4.6\% |
| 2 = Touched on it Briefly | 1 | 10.0\% | 101 | 11.1\% | 1 | 10.0\% | 55 | 6.0\% | 1 | 10.0\% | 68 | 7.5\% | 1 | 10.0\% | 155 | 17.1\% |
| $3=$ Spent Time Discussing or Doing | 1 | 10.0\% | 217 | 23.7\% | 1 | 10.0\% | 212 | 23.2\% | 0 | 0.0\% | 201 | 22.1\% | 4 | 40.0\% | 254 | 27.9\% |
| $4=$ Explored in Some Depth | 6 | 60.0\% | 336 | 36.8\% | 5 | 50.0\% | 291 | 31.9\% | 7 | 70.0\% | 312 | 34.2\% | 3 | 30.0\% | 270 | 29.7\% |
| 5 = Extensive Opportunity | 2 | 20.0\% | 245 | 26.8\% | 3 | 30.0\% | 344 | 37.7\% | 2 | 20.0\% | 315 | 34.6\% | 2 | 20.0\% | 188 | 20.7\% |
| Mean : SD | 3.90 | 0.88 | 3.76 | 1.02 | 4.00 | 0.94 | 3.99 | 0.97 | 4.00 | 0.82 | 3.93 | 1.00 | 3.60 | 0.97 | 3.45 | 1.13 |
|  | e) Learn ways to teach reading and writing to students at different stages or reading abilities |  |  |  | f) Learn how to activate students' prior knowledge |  |  |  | g) Listen to an individual child read aloud for the purpose of assessing his/her reading achievement |  |  |  | h) Plan and teach a guided reading lesson |  |  |  |
|  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  |
|  | 10 | 90.9\% | 911 | 88.9\% | 10 | 90.9\% | 907 | 88.5\% | 10 | 90.9\% | 911 | 88.9\% | 10 | 90.9\% | 913 | 89.1\% |
| $1=$ None | 0 | 0.0\% | 9 | 1.0\% | 0 | 0.0\% | 4 | 0.4\% | 0 | 0.0\% | 10 | 1.1\% | 0 | 0.0\% | 19 | 2.1\% |
| 2 = Touched on it Briefly | 1 | 10.0\% | 56 | 6.1\% | 1 | 10.0\% | 32 | 3.5\% | 0 | 0.0\% | 50 | 5.5\% | 1 | 10.0\% | 57 | 6.2\% |
| $3=$ Spent Time Discussing or Doing | 2 | 20.0\% | 179 | 19.6\% | 0 | 0.0\% | 133 | 14.7\% | 4 | 40.0\% | 175 | 19.2\% | 4 | 40.0\% | 163 | 17.9\% |
| $4=\underline{\text { Explored in Some Depth }}$ | 5 | 50.0\% | 323 | 35.5\% | 3 | 30.0\% | 266 | 29.3\% | 1 | 10.0\% | 283 | 31.1\% | 4 | 40.0\% | 266 | 29.1\% |
| 5 = Extensive Opportunity | 2 | 20.0\% | 344 | 37.8\% | 6 | 60.0\% | 472 | 52.0\% | 5 | 50.0\% | 393 | 43.1\% | 1 | 10.0\% | 408 | 44.7\% |
| Mean : SD | 3.80 | 0.92 | 4.03 | 0.95 | 4.40 | 0.97 | 4.29 | 0.87 | 4.10 | 0.99 | 4.10 | 0.97 | 3.50 | 0.85 | 4.08 | 1.03 |

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| 35. In your teacher preparation program, how much opportunity did you have to do each of the following? <br> (continued) | i) Learn to teach students to organize their ideas prior to writing |  |  |  | j) Use student reading assessment results to address student needs and improve your teaching |  |  |  | k) Practice what you learned about teaching reading in your field experiences |  |  |  | I) Study state standards for reading/language arts |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  |
|  | 10 | 90.9\% | 911 | 88.9\% | 10 | 90.9\% | 911 | 88.9\% | 10 | 90.9\% | 912 | 89.0\% | 10 | 90.9\% | 911 | 88.9\% |
| 1 = None | 0 | 0.0\% | 16 | 1.8\% | 0 | 0.0\% | 12 | 1.3\% | 0 | 0.0\% | 13 | 1.4\% | 0 | 0.0\% | 8 | 0.9\% |
| 2 = Touched on it Briefly | 1 | 10.0\% | 68 | 7.5\% | 1 | 10.0\% | 56 | 6.1\% | 1 | 10.0\% | 46 | 5.0\% | 1 | 10.0\% | 58 | 6.4\% |
| 3 = Spent Time Discussing or Doing | 3 | 30.0\% | 203 | 22.3\% | 1 | 10.0\% | 180 | 19.8\% | 4 | 40.0\% | 150 | 16.4\% | 1 | 10.0\% | 148 | 16.2\% |
| 4 = Explored in Some Depth | 6 | 60.0\% | 301 | 33.0\% | 7 | 70.0\% | 305 | 33.5\% | 3 | 30.0\% | 290 | 31.8\% | 1 | 10.0\% | 269 | 29.5\% |
| 5 = Extensive Opportunity | 0 | 0.0\% | 323 | 35.5\% | 1 | 10.0\% | 358 | 39.3\% | 2 | 20.0\% | 413 | 45.3\% | 7 | 70.0\% | 428 | 47.0\% |
| Mean : SD | 3.50 | 0.71 | 3.93 | 1.01 | 3.80 | 0.79 | 4.03 | 0.98 | 3.60 | 0.97 | 4.14 | 0.96 | 4.40 | 1.07 | 4.15 | 0.97 |

## Content for Multiple Subjects: Mathematics

m) Study, critique or adapt reading curriculum materials

|  | Program |  | Statewide |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: |
|  | 10 | $90.9 \%$ | 913 | $89.1 \%$ |  |
| $1=$ None | 0 | $0.0 \%$ | 30 | $3.3 \%$ |  |
|  | $=$ Touched on it Briefly | 1 | $10.0 \%$ | 101 | $11.1 \%$ |
|  | $=$ Spent Time Discussing or Doing | 2 | $20.0 \%$ | 232 | $25.4 \%$ |
| $4=$ Explored in Some Depth | 4 | $40.0 \%$ | 276 | $30.2 \%$ |  |
|  | $=$ Extensive Opportunity | 3 | $30.0 \%$ | 274 | $30.0 \%$ |
|  | Mean : SD | 3.90 | 0.99 | 3.73 | 1.10 |

36. In your teacher preparation program, how much opportunity did you have to do each of the

| you have to do each of the <br> following? | Program |  | Statewide |  |
| :--- | ---: | ---: | ---: | ---: |
| $1=$ | 10 | $90.9 \%$ | 913 | $89.1 \%$ |
| $2=$ None | 0 | $0.0 \%$ | 71 | $7.8 \%$ |
| Touched on it Briefly | 2 | $20.0 \%$ | 135 | $14.8 \%$ |
| Spent Time Discussing or Doing | 2 | $20.0 \%$ | 203 | $22.2 \%$ |
| Explored in Some Depth | 4 | $40.0 \%$ | 268 | $29.4 \%$ |
| Extensive Opportunity | 2 | $20.0 \%$ | 236 | $25.8 \%$ |

b) Learn typical difficulties student have with fractions

| Program |  | Statewide |  |
| ---: | ---: | ---: | ---: |
| 10 | $90.9 \%$ | 911 | $88.9 \%$ |
| 0 | $0.0 \%$ | 70 | $7.7 \%$ |
| 0 | $0.0 \%$ | 129 | $14.2 \%$ |
| 4 | $40.0 \%$ | 216 | $23.7 \%$ |
| 3 | $30.0 \%$ | 245 | $26.9 \%$ |
| 3 | $30.0 \%$ | 251 | $27.6 \%$ |
| 3.90 | 0.88 | 3.52 | 1.24 |

c) Use representations (e.g.,
geometric representation, graphs, number lines) to show explicitly why a procedure works

|  | Program |  | Statewide |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| $1=$ | 10 | $90.9 \%$ | 912 | $89.0 \%$ |  |
| $2=$ None | 0 | $0.0 \%$ | 46 | $5.0 \%$ |  |
| Touched on it Briefly | 1 | $10.0 \%$ | 102 | $11.2 \%$ |  |
| Spent Time Discussing or Doing | 4 | $40.0 \%$ | 210 | $23.0 \%$ |  |
| $4=$ Explored in Some Depth | 1 | $10.0 \%$ | 258 | $28.3 \%$ |  |
| $5=$ Extensive Opportunity | 4 | $40.0 \%$ | 296 | $32.5 \%$ |  |
|  | Mean : SD | 3.80 | 1.14 | 3.72 | 1.17 |

d) Prove that a solution is valid or that a method works for all similar cases

Progra
e) Study, critique, or adapt math curriculum materials
f) Learn how to facilitate math learning for students in small groups

| Mean : SD | 3.80 | 1.14 | 3.72 | 1.17 | 4.30 | 0.82 | 3.57 | 1.22 | 4.10 | 0.88 | 3.72 | 1.15 | 4.40 | 0.84 | 3.82 | 1.12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

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| 36. In your teacher preparation program, how much opportunity did | g) Adapt math lessons for students with diverse needs and learning styles |  |  |  | h) Practice what you learned about teaching math in your field experience |  |  |  | i) Study national or state standards for mathematics |  |  |  | j) Review local district mathematics curriculum |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| following? | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  | Program |  | Statewide |  |
|  | 10 | 90.9\% | 910 | 88.8\% | 10 | 90.9\% | 912 | 89.0\% | 10 | 90.9\% | 911 | 88.9\% | 10 | 90.9\% | 908 | 88.6\% |
| 1 = None | 0 | 0.0\% | 23 | 2.5\% | 0 | 0.0\% | 22 | 2.4\% | 0 | 0.0\% | 19 | 2.1\% | 0 | 0.0\% | 104 | 11.5\% |
| 2 = Touched on it Briefly | 0 | 0.0\% | 88 | 9.7\% | 0 | 0.0\% | 53 | 5.8\% | 1 | 10.0\% | 63 | 6.9\% | 1 | 10.0\% | 139 | 15.3\% |
| 3 = Spent Time Discussing or Doing | 1 | 10.0\% | 194 | 21.3\% | 2 | 20.0\% | 169 | 18.5\% | 2 | 20.0\% | 164 | 18.0\% | 3 | 30.0\% | 201 | 22.1\% |
| 4 = Explored in Some Depth | 4 | 40.0\% | 278 | 30.5\% | 3 | 30.0\% | 263 | 28.8\% | 3 | 30.0\% | 269 | 29.5\% | 2 | 20.0\% | 229 | 25.2\% |
| 5 = Extensive Opportunity | 5 | 50.0\% | 327 | 35.9\% | 5 | 50.0\% | 405 | 44.4\% | 4 | 40.0\% | 396 | 43.5\% | 4 | 40.0\% | 235 | 25.9\% |
| Mean : SD | 4.40 | 0.70 | 3.88 | 1.08 | 4.30 | 0.82 | 4.07 | 1.04 | 4.00 | 1.05 | 4.05 | 1.04 | 3.90 | 1.10 | 3.39 | 1.32 |

## General

| 37. Overall, how effective was your teacher preparation program at developing the skills or tools you needed to become a teacher? | Program |  | Statewide |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 10 | 90.9\% | 907 | 88.5\% |
| $1=$ Not at all effective | 0 | 0.0\% | 6 | 0.7\% |
| 2 = Somewhat effective | 0 | 0.0\% | 100 | 11.0\% |
| 3 = Effective | 4 | 40.0\% | 325 | 35.8\% |
| $4=$ Very effective | 6 | 60.0\% | 476 | 52.5\% |
| Mean : S | 3.60 | 0.52 | 3.40 | 0.7 |


| Demographics |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Program |  | Statewide |  |  |
| 38. Are you Hispanic or Latino? | 10 | 90.9\% | 908 | 88.6\% |  |
| No, not Hispanic or Latino | * |  | 694 | 76.4\% | Demographic numbers below 10 are not shown. If only one |
| Yes, Hispanic or Latino | * |  | 214 | 23.6\% |  |

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|  | Program | Statewide |  |  |
| :--- | ---: | ---: | ---: | ---: |
| 39. What is your race? Mark all that apply | 9 | $81.8 \%$ | 799 | $78.0 \%$ |
| American Indian or Alaska Native | $*$ | 18 | $1.8 \%$ |  |
| Chinese | $*$ | 37 | $3.6 \%$ |  |
| Japanese | $*$ | 9 | $0.9 \%$ |  |
| Korean | $*$ | 14 | $1.4 \%$ |  |
| Vietnamese | $*$ | 12 | $1.2 \%$ |  |
| Asian Indian | $*$ | 9 | $0.9 \%$ |  |
| Laotian | $*$ | 2 | $0.2 \%$ |  |
| Cambodian | $*$ | 3 | $0.3 \%$ |  |
| Filipino | $*$ | 19 | $1.9 \%$ |  |
| Hmong | $*$ | 3 | $0.3 \%$ |  |
| Other Asian | $*$ | 6 | $0.6 \%$ |  |
| Black or African American | $*$ | 31 | $3.0 \%$ |  |
| Hawaiian | $*$ | 3 | $0.3 \%$ |  |
| Guamanian | $*$ | 2 | $0.2 \%$ |  |
| Samoan | $*$ | 1 | $0.1 \%$ |  |
| Tahitian | $*$ | 0 | $0.0 \%$ |  |
| Other Pacific Islander | $*$ | 2 | $0.2 \%$ |  |
| White | 691 | $67.4 \%$ |  |  |


|  | Program |  | Statewide |  |
| :--- | ---: | ---: | ---: | ---: |
| 40. What is your gender? | 10 | $90.9 \%$ | 908 | $88.6 \%$ |
| Female | 10 | $100.0 \%$ | 792 | $87.2 \%$ |
| Male | 0 | $0.0 \%$ | 91 | $10.0 \%$ |
| Decline to state | 0 | $0.0 \%$ | 25 | $2.8 \%$ |

* Demographic numbers below 10 are not shown. If only one category is below 10, then the next highest number is also hidden.

