

LOUISIANA BOARD OF REGENTS 2003-2004 INSTITUTIONAL REPORT FOR THE PREPARATION OF TEACHERS GRAMBLING STATE UNIVERSITY

Message from the Commissioner:

The following institutional report represents a critical component of the education community's effort to improve our state's teacher education programs at both public and private universities. This annual report is intended to keep Louisiana's citizens informed about the quality of our teacher preparation. In 2002, the first factor used in our accountability program was released – student passage rates on the teacher certification examination (PRAXIS). Last year, the formula was expanded to make the scores an even more meaningful catalyst for continued reform. As was the case last year, the scores have been calculated using a weighted formula that takes into account each institution's regular and alternate certification completer rate (with extra points for completers who meet definitions for identified shortage areas), the PRAXIS examination passage rate, and the score on a survey measuring completer satisfaction. Teacher preparation accountability is just one of the many benefits Louisiana is reaping from partnerships that have been created between universities and school districts to recruit, prepare, and retain teachers. Our goal is to provide every child in Louisiana caring and qualified teachers in every class every year – to ensure that truly no child is left behind.

E. Joseph Savoie Commissioner of Higher Education

Mission of University

Founded in 1901 as a private industrial school to educate African American citizens of north central Louisiana, Grambling State University, a constituent institution in the University of Louisiana System, is now a comprehensive university offering undergraduate, graduate, professional and continuing education programs. All programs are designed to meet the educational needs of a clientele that is primarily statewide and secondarily national and international. Grambling State University assumes in a unique way the role of a public university. It strives:

- to provide equal access to higher education for all applicants regardless of race, color, sex, national origin, age, religion, disability, and veteran status;
- to provide opportunities for students to develop intellectually, to acquire appropriate job skills and to achieve self-actualization through instruction,

Mission of University (Cont'd)

research, public service, and special programs which seek to meet the needs of all students, including those who have been adversely affected by educational, social, and economic deprivation;

- to generate new knowledge through pure and applied research related to curricular emphases in business, science and technology, nursing, social work, liberal arts, and education;
- to render service to the community and to the citizenry of Louisiana, dedicated to raising the standard of living and enhancing the quality of life through economic development, entrepreneurial activities and life-long learning;
- to expose students to opportunities that enhance their potential for appreciation of diverse cultures;
- to provide opportunities for students to utilize information technologies in preparation for participation in a global society; and
- to serve as a repository for preserving the heritage of people of African American descent.

Grambling State University endeavors to achieve excellence in higher education through teaching, research and service governed by the principles of academic freedom. The University believes that education is the cornerstone of an enlightened, creative and productive society. It strives to be true to its motto: "Grambling State University is the place where everybody is somebody."

Student Characteristics of University

During Fall 2002, the university had a total enrollment of 4,005 undergraduate and 459 graduate students. A total of 1,894 students were males and 2,570 were females. The majority of the students were from Louisiana with a total of 3,090 in-state students, 1,309 out-of-state students, and 65 foreign students. Among students enrolled in the undergraduate program, 3,804 were black, 82 were white, and 119 were other races. Among students enrolled in the graduate program, 381 were black, 62 were white, and 16 were other races.

Accreditation and Approval of Teacher Preparation Program

The university is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS). In addition, the university is accredited by the National Council for the Accreditation of Teacher Education (NCATE). All of the university's teacher preparation programs are approved by the Board of Regents and Board of Elementary and Secondary Education.

Notable Features and Accomplishments of Teacher Preparation Program

- Only Doctoral Program in Developmental Education in the country.
- One of three institutions in a consortium preparing Educational Leaders and Curriculum Specialists (GSU, ULM and Louisiana Tech University).
- Research and Scholarly Endeavors by faculty in the areas of Classroom Management, Cultural Diversity, Literacy Across the Curriculum and PRAXIS Preparation.
- Partnerships with K-12 school districts and systems inclusive of work with GSU's Professional Development School in Shreveport: Mooretown.
- Outstanding laboratory schools: Middle School designated as Exemplary-97% passage rate of 8th graders on the LEAP test; 99% passage rate of 4th graders on the LEAP test and 90% passage rate of 12th graders on the Graduate Exit Exam (GEE).
- Both Alma J. Brown(AJB) and Grambling High School (GHS) will receive a monetary award for meeting their Growth Target. AJB was awarded a label of Exemplary Academic Growth and GHS was awarded a label of Recognized Academic Growth. AJB and GHS were assigned a Performance Label of "two (2) stars" because their school scores ranged from 80.0 99.9.

Teacher Preparation Program Data

The following data have been provided about the teacher preparation program.

1. Total number of students formally admitted to the regular teacher preparation program and enrolled in one or more courses during academic year 2002-2003 including all areas of teaching specialization.

Teacher Preparation Program Data (Cont'd)

1.	pro tea stu	tal number of students enrolled in the regular teacher preparation ogram and alternate certification program, including all areas of aching specialization, who participated in programs of supervised dent teaching or supervised internships during Summer 2002, Fall 02, and/or Spring 2003.	36
2.		pervising faculty for supervised student teaching and internship periences.	
	a.	Number of appointed full time faculty in professional education.	15
	b.	Number of appointed part-time faculty in professional education who supervised student teaching/internship experiences during Summer 2002, Fall 2002, and Spring 2003.	0
	c.	Number of appointed part-time faculty in professional education, not otherwise employed by the institution, who supervised student teaching/internship experiences during Summer 2002, Fall 2002, and Spring 2003.	0
	d.	Total number of supervising faculty for the teacher preparation program during 2002-2003.	15
3.	St	udent/faculty ratio for student teaching and internship experiences.	2:1
4.	Stı	adent participation in student teaching.	
	a.	Average number of hours per week required of student participation in supervised student teaching during academic year 2002-2003.	35
	b.	Total number of weeks per semester of supervised student teaching required for student teaching during academic year 2002-2003.	18
	c.	Total number of hours required during academic year 2002-2003 for student teaching.	630

LOUISIANA BOARD OF REGENTS 2003-2004 TEACHER PREPARATION ACCOUNTABILITY SYSTEM

Grambling State University

In compliance with the Higher Education Act of 1998, Louisiana created a Teacher Preparation Accountability System to assess the performance of teacher preparation programs within the State. During the first phase (2001-2002) of the accountability system, the performance of the regular and alternate certification students on the state teachers' examination (PRAXIS) was assessed. During the second phase (which began in 2002), the quantity of program completers at each institution and the performance of each institution (e.g., performance of regular and alternate certification students on the state teachers' examination (PRAXIS) and ratings by teachers of their satisfaction with their teacher preparation programs) are being assessed. In the future, additional factors will be assessed to examine such areas as: ratings of programs by first year teachers' mentors; retention of teachers after three years of teaching; and university-district partnerships. The purpose of this accountability system is to clearly demonstrate to the public that all universities and colleges in the State are working diligently to produce quality teachers who work effectively with PK-12 students.

I. INSTITUTIONAL PERFORMANCE INDEX

A. Grade Performance of 2002-2003 Regular and Alternate Certification Program Completers on Certification Index (Percentage of students who passed the PRAXIS examination)

Grade: B

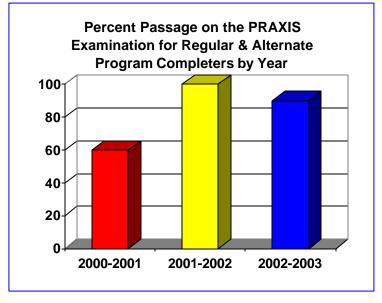
PRAXIS Passage Rate: 90%

Scaled Score: 94

This is a difference of 0% when compared to the 100% passage rate of 2001-2002 regular and alternate certification program completers on the PRAXIS examinations.

The following scale was used to determine passage rate grades:

A+ = 98%-100% Passage Rate
A = 92%-97% Passage Rate
B = 86%-91% Passage Rate
C = 80%-85% Passage Rate
below C = below 80% Passage Rate
See Appendix A for a breakdown of scores.



Grambling State University (Continued)

I. INSTITUTIONAL PERFORMANCE INDEX (continued)

B. Grade for Ratings of 2002-2003 Program Completers on Graduate Satisfaction Survey

Grade: A

Mean Score of Survey Respondents: 117.2 over 1 year(s)

Total Number of Survey Respondents: 10

Respondents' Scaled Score: 102

The following scale was used to determine grades for mean responses on surveys:

A+ = 128 & above A = 117.0 - 127.9 B = 107.0 - 116.9 C = 93.0 - 106.9 below C = below 93.0

See Appendix B for a breakdown of scores. Scaled scores are not assigned for institutions with fewer than 10 survey respondents over 2 years.

II. QUANTITY INDEX

Grade for Quantity Score

Grade: A

Quantity Score: 48.5 Baseline Score: 45

Percentage of Difference: 7.8%

Scaled Score: 107

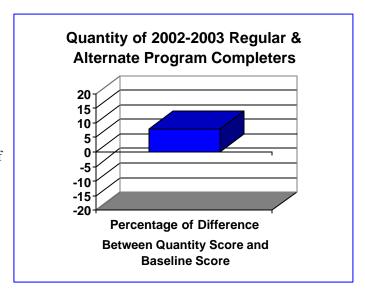
The following scale was used to determine quantity grades based upon percentage of difference between the 2002-2003 Quantity Score and Baseline Score:

A+ = +15% and above

A = +5% to +14% difference B = -3% to +4% difference C = -4% to -15% difference below C = -16% and greater difference

See Appendix C for a breakdown of scores.





Grambling State University (Continued)

III. TEACHER PREPARATION PERFORMANCE SCORE AND LABEL

A. Teacher Preparation Performance Score	=	(Institutional Performance Index + Quantity Index) ÷ 2
	II	{([Certification Scaled Score x .875] + [Graduate Satisfaction Scaled Score x .125]) + Quantity Scaled Score} ÷ 2
	=	$\{([94 \times .875] + [102 \times .125]) + 107\} \div 2$
	=	$(82.25 + 107) \div 2$
	Ш	189.25 ÷ 2
	=	94.625

Note: The Graduate Satisfaction Survey has been given a weight of .125 instead of .25 due to the fact that only the regular program completers' data were used. Future accountability cycles will use surveys administered to both regular and alternate program completers.

Note: The Institutional Performance Index is computed using only PRAXIS passage rate data for institutions with fewer than 10 survey respondents over 2 years.

B. Teacher Preparation Performance Label	=	Satisfactory
The following scale was used to assign the label:		
Exemplary Teacher Preparation Program	=	Teacher Preparation Performance Score of 125.0 and above
High Performing Teacher Preparation Program	=	Teacher Preparation Performance Score of 100.0 – 124.9
Satisfactory Teacher Preparation Program	=	Teacher Preparation Performance Score of 80.0 – 99.9
At-Risk Teacher Preparation Program	=	Teacher Preparation Performance Score of 50.0 – 79.9
Low Performing Teacher Preparation Program	=	Teacher Preparation Performance Score of 0 – 49.9

APPENDIX A

GRAMBLING STATE UNIVERSITY

PRAXIS EXAMINATION PASSAGE RATE REPORTS FOR INDIVIDUAL SUBTESTS 2002-2003 PROGRAM COMPLETERS

	NUMBER PASSED	TOTAL NUMBER	PERCENTAGE PASSED
2002-2003 Regular Program Completers	26	29	89.7%
2002-2003 Alternate Program Completers	1	1	100%
Total	27	30	90.0%



HEA - Title II 2002-2003 Academic Year Regular Program Completers Passage Rate Report

Institution Name	GRAMBLING STATE UNIVERSITY
Institution Code	6250
State	Louisiana
Number of Program Completers Submitted	29
Number of Program Completers found, matched, and used in passing rate Calculations ¹	29

						Statewide			
Type of Assessment	Assessment Code Number	Number Taking Assessment	Number Passing Assessment	Institutional Pass Rate	Number Taking Assessment	Number Passing Assessment	Statewide Pass Rate		
Basic Skills									
COMMUNICATION SKILLS	500	7			122	122	100%		
GENERAL KNOWLEDGE	510	2			119	119	100%		
PPST READING	710	4			209	209	100%		
CBT READING	711	14	14	100%	1030	1030	100%		
PPST WRITING	720	6			223	223	100%		
CBT WRITING	721	10	10	100%	1006	1006	100%		
PPST MATHEMATICS	730	5			209	209	100%		
CBT MATHEMATICS	731	14	14	100%	1015	1015	100%		
COMPUTERIZED PPST READING	5710	1			84	84	100%		
COMPUTERIZED PPST WRITING	5720	3			94	94	100%		
COMPUTERIZED PPST MATHEMATICS	5730	5			99	99	100%		
Professional Knowledge									
PROFESSIONAL KNOWLEDGE	520	2			12	12	100%		
PRINCIPLES LEARNING & TEACHING K-6	522	17	17	100%	1198	1195	99%		
PRINCIPLES LEARNING & TEACHING 5-9	523				1				
PRINCIPLES LEARNING & TEACHING 7-12	524	10	10	100%	544	532	98%		



HEA - Title II 2002-2003 Academic Year Regular Program Completers Passage Rate Report

Institution Name	GRAMBLING STATE UNIVERSITY
Institution Code	6250
State	Louisiana
Number of Program Completers Submitted	29
Number of Program Completers found, matched, and used in passing rate Calculations ¹	29

					Statewide		
Type of Assessment	Assessment Code Number	Number Taking Assessment	Number Passing Assessment	Institutional Pass Rate	Number Taking Assessment	Number Passing Assessment	Statewide Pass Rate
Academic Content Areas							
ELEM ED CURR INSTRUC ASSESSMENT	011	14	13	93%	861	860	100%
ELEM ED CONTENT AREA EXERCISES	012	14	14	100%	861	861	100%
ELEMENTARY ED CONTENT KNOWLEDGE	014				177	176	100%
EARLY CHILDHOOD EDUCATION	020	1			96	96	100%
BIOLOGY AND GENERAL SCIENCE	030				37	36	97%
ENGLISH LANGUAGE AND LITERATURE	040				1		
ENG LANG LIT COMP CONTENT KNOWLEDGE	041	1			76	74	97%
ENG LANG LIT COMP PEDAGOGY	043	1			76	76	100%
MATHEMATICS	060	1			55	52	95%
CHEM PHYSICS AND GENERAL SCIENCE	070				6		
SOCIAL STUDIES: CONTENT KNOWLEDGE	081	3			109	106	97%
SOCIAL STUDIES: INTERPRET MATERIALS	083	3			109	108	99%
PHYSICAL EDUCATION	090	4			133	133	100%
BUSINESS EDUCATION	100	1			15	15	100%
MUSIC EDUCATION	110	1			87	84	97%

ĺ	FAMILY AND CONSUMER SCIENCES	120	1		5	
ſ	FRENCH	170			4	



HEA - Title II 2002-2003 Academic Year Regular Program Completers Passage Rate Report

Institution Name	GRAMBLING STATE UNIVERSITY
Institution Code	6975
State	Louisiana
Number of Program Completers Submitted	29
Number of Program Completers found, matched, and used in passing rate Calculations ¹	29

Type of Assessment ²	Number Taking Assessment ³	Number Passing Assessment⁴	Institutional Pass Rate	Number Taking Assessment ³	Number Passing Assessment⁴	Statewide Pass Rate
Aggregate - Basic Skills	27	27	100%	1456	1456	100%
Aggregate - Professional Knowledge	29	29	100%	1755	1740	99%
Aggregate - Academic Content Areas (Math, English, Biology, etc.)	27	24	89%	1562	1549	99%
Aggregate - Other Content Areas (Career/Technical Education, Health Educations, etc.)						
Aggregate - Teaching Special Populations (Special Education, ELS, etc.)						
Aggregate - Performance Assessments						

Summary Totals and Pass Rates ⁵	29	26	90%	1780	1752	98%	
--	----	----	-----	------	------	-----	--

HEA - Title II
2002-2003 Academic Year
Alternate Certification Program Completers
Passage Rate Reports have not yet
been provided to states by
the Educational Testing Service.

¹ The number of program completers found, matched and used in the passing rate calculation will not equal the sum of the column labeled "Number Taking Assessment" since a completer can take more than one assessment.

² Institutions and/or States did not require the assessments within an aggregate where data cells are blank.

³ Number of completers who took one or more tests in a category and within their area of specialization.

⁴Number who passed all tests they took in a category and within their area of specialization.

⁵Summary Totals and Pass Rate: Number of completers who successfully completed one or more tests across all categories used by the state for licensure and the total passrate.

APPENDIX B

GRAMBLING STATE UNIVERSITY

TEACHER PREPARATION PROGRAM ACCOUNTABILITY SURVEY 2002-2003 Data

total number of cases = 10

Mean Total Survey Score (out of 33 questions) = 110.5

Mean Total Survey Score (adjusted) = 117.2*

Item Scores by Question

		number of responses			
	mean	strongly	disagree	agree	strongly
	by item	disagree			agree
Planning					
1. Specify learning objectives in terms of clear, concise student outcomes.	3.60	0	0	4	6
2. Plan a series of activities that help my students achieve those objectives.	3.5	0	0	5	5
3. Successfully identify individual student differences in the context of a whole class.	3.10	0	1	7	2
4. Implement accommodations for individual student differences.	3.20	0	1	6	3
Instruction					
5. Consistently stimulate and encourage higher order thinking at the appropriate developmental levels.	3.39	0	0	6	4
6. Identify a variety of lesson materials, in addition to traditional classroom materials.	3.39	0	0	6	4
7. Integrate a variety of materials to achieve lesson objectives.	3.20	0	0	8	2
8. Change or adjust a lesson to respond to my students' outcomes.	3.70	0	0	3	7
9. Use both short-term and long-term evaluation methods to measure my student outcomes.	3.10	0	0	9	1

14

^{*} As written, the survey contains 35 items. Technical difficulties with administration caused items 14 and 35 not to be administered. This score represents an adjustment to the 33-item mean to represent its equivalent out of 35 items. This was necessary in order to convert the survey scores to scaled scores for the accountability system.

eentered activities that result in student learning. 11. Successfully plan for individual student differences in the context of a whole class. 12. Open, develop, and close a lesson effectively. 13. Integrate technology into my lessons. 14. Successfully present content at a developmentally appropriate level. 15. Effectively use appropriate formal and informal assessment techniques. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. 18. Employ effective teaching practices as modeled by faculty. 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate 310 0 1 7 7 2 310 0 1 7 7 2 320 0 1 1 6 3 330 0 0 7 7 3 340 0 1 1 1 8		1				
learning.	10. Implement teacher-directed or student-					
11. Successfully plan for individual student differences in the context of a whole class. 12. Open, develop, and close a lesson effectively. 13. Integrate technology into my lessons. 14. Successfully present content at a developmentally appropriate level. 15. Effectively use appropriate level. 16. Provide timely feedback to my students. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way.	centered activities that result in student	3.30	0	0	7	3
Student differences in the context of a whole class. 3.10	C					
whole class. 12. Open, develop, and close a lesson effectively. 3.5 0 0 5 5 5 13 111 14 14 14 14 15 15 1	11. Successfully plan for individual					
12. Open, develop, and close a lesson effectively. 3.5 0 0 5 5 5 13 14. Integrate technology into my lessons. 14. Successfully present content at a developmentally appropriate level. 15. Effectively use appropriate formal and informal assessment techniques. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. 19. Relate examples, real-life situations, or current events to the content being laught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 3.9 0 0 0 6 4 4 communications in a way that maximizes the time available for learning. 3.70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	student differences in the context of a	3.10	0	1	7	2
effectively. 13. Integrate technology into my lessons. 14. Successfully present content at a developmentally appropriate level. 15. Effectively use appropriate formal and informal assessment techniques. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to inappropriate student binance of inappropriate student binance of inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student binance of inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way.	whole class.					
effectively. 13. Integrate technology into my lessons. 14. Successfully present content at a developmentally appropriate level. 15. Effectively use appropriate formal and informal assessment techniques. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to inappropriate student bina properties and every management and respond to inappropriate student bina properties and technical difficulties: data not collected technical difficulties: data not	12. Open, develop, and close a lesson		_	_		
13. Integrate technology into my lessons. 14. Successfully present content at a developmentally appropriate level. 15. Effectively use appropriate formal and informal assessment techniques. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage ransitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 310. Monitor and respond to inappropriate student behavior in an effective way. 310. Monitor and respond to inappropriate student behavior in an effective way. 310. Monitor and respond to inappropriate student behavior in an effective way.	_ =	3.5	0	0	5	5
14. Successfully present content at a developmentally appropriate level. 15. Effectively use appropriate formal and informal assessment techniques. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. 18. Employ effective teaching practices as modeled by faculty. 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 310. Monitor and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way.	-	3 10	0	2	5	3
developmentally appropriate level. 15. Effectively use appropriate formal and informal assessment techniques. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being aught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior in an effective way. 30. Monitor and respond to inappropriate 3.10 1 0 1 7 2 contract of the content of a suppropriate student behavior in an effective way. 3.10 1 0 1 1 0 0 6 4 4 4 4 4 4 4 4 4 4 4 4 4		3.10	U			3
15. Effectively use appropriate formal and informal assessment techniques. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate tedent behavior in an effective way. 3.10 3.10 0 1 7 2 3.10 0 1 7 2 4 4 4 4 4 4 4 4 4 4 4 4		tec	hnical diffi	culties: dat	a not collec	eted
informal assessment techniques. 16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being aught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 310. Monitor and respond to inappropriate student behavior in an effective way. 310. Monitor and respond to inappropriate student behavior in an effective way.						
16. Provide timely feedback to my students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate student bavior in an effective way. 30. Monitor and respond to inappropriate student bavior in an effective way. 310. 0 1 7 7 2		3.10	1	0	6	3
students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate student behavior in an effective way. 30. Monitor and respond to inappropriate 3.10 0 1 7 2 1 7 2 2 1 7 2 2 4 4 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7	•					
students. 17. Produce evidence of student academic growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate student behavior in an effective way. 3.10 0 1 7 2 7 2 8 3.20 1 1 3.20 1 1 3.20 3.30 3.30 3.30 3.30 3.30 3.30 4 4 4 5 4 5 5 5 6 7 7 3 8 6 9 4 9 6 9 7 9 7 9 8 9 8 9 9 9 9 9 0 9 0 9 0 9 0	· · · · · · · · · · · · · · · · · · ·	3.39	0	0	6	4
growth. 18. Employ effective teaching practices as modeled by faculty. Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate student behavior in an effective way. 3.10 0 1 1 6 3 3 0 0 0 4 4 4 4 4 4 4 4 4 5 5 6 7 7 8 7 8 7 8 8 8 9 9 9 9 9 9 9 9 9 9			-	_		
Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate student behavior in an effective way. 30. Monitor and respond to inappropriate student behavior in an effective way. 3.20 0 1 6 4 4 4 4 4 4 4 4 4 4 4 4	17. Produce evidence of student academic	3 10	0	1	7	2.
Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 3.20 0 1 0 1 0 1 0 1 0 1 0 1 1		5.10		1	,	2
Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 3.20 0 1 0 1 0 1 0 1 0 1 0 1 1	18. Employ effective teaching practices as	2.20	0	1	6	2
Instruction 19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior in an effective way. 30. Monitor and respond to inappropriate student behavior and respond to inappropriate student behavior in an effective way. 30. Monitor and respond to inappropriate 3.10		3.20	U	1	O	3
19. Relate examples, real-life situations, or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior in an effective way. 30. Monitor and respond to inappropriate student behavior and respond to inappropriate student behavior in an effective way.			•	•	•	
or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to inappropriate student behavior in an effective way. 3.39 0 0 0 4 6 4 6 4 6 4 6 7 1 1 1 1 1 1 1 1 2 1 1 1 2 1 3.30 0 0 0 1 1 1 3.30 0 0 4 4 4 4 4 4 4 4 4 4 4	Instruction					
or current events to the content being taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to inappropriate student behavior in an effective way. 3.39 0 0 0 4 6 4 6 4 6 4 6 7 1 1 1 1 1 1 1 1 2 1 1 1 2 1 3.30 0 0 0 1 1 1 3.30 0 0 4 4 4 4 4 4 4 4 4 4 4	19. Relate examples, real-life situations.					
taught. 20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to inappropriate student behavior in an effective way. 3.39 0 0 0 4 6 4 6 4 6 1 1 1 1 1 1 1 1 1 1 1 1	_	3 39	0	0	6	4
20. Teach in one or more subject areas. 21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 3.39 0 0 4 6 4 6 4 6 7 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1		3.37	O	Ü	o o	·
21. Communicate effectively with students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior in an effective way. 3.60 0 0 4 6 4 6 6 7 8 8 9 0 0 1 1 1 8 9 1 1 1 1 1 1 1 1 1 1 1 1		3 30	0	0	6	1
students. 22. Encourage participation from all students. 23. Monitor the ongoing performance of students. 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to inappropriate student behavior in an effective way. 3.60 0 0 4 6 4 6 7 8 9 0 0 1 1 1 8 1 1 1 1 1 1 1 1 1		3.37	U	U	0	
22. Encourage participation from all students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.60 0 0 4 6 4 6 20 0 1 1 2 7 3.60 0 1 1 6 3 3.70 0 1 1 6 3 3 4 4 4 4 6 6 4 6 6 4 6 6 7 8 8 9 9 9 9 9 9 9 9 9 9 9	•	3.60	0	0	4	6
students. 23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior and respond to inappropriate 3.00 0 0 4 6 4 6 4 7 8 8 9 0 0 1 1 6 3 3 3 0 0 0 6 4 8 9 9 9 9 9 9 9 9 9 9 9 9						
23. Monitor the ongoing performance of students. Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 30. Monitor and respond to inappropriate 3.10 0 0 0 4 4 4 4 4 4 4 5 6 4 5 6 6 7 7 7 7 7 7 7 7 7 7 7		3.60	0	0	4	6
Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.39 0 0 1 1 8 4 4 4 4 4 4 5.50 0 0 0 1 1 6 3 3 4 5 6 4 6 4 6 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9						
Management 24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 30. Monitor and respond to inappropriate 310 0 0 0 5 5 5 6 0 0 1 1 6 3 7 3 4 4 5 6 4 7 2 7 2 8 8 8 9 9 9 9 9 9 9 9 9 9	0 01	3 39	0	0	6	4
24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.5 0 0 1 1 8 2 7 1 6 3 3.70 0 1 1 6 3 3.80 0 0 7 3 4 4 5 6 4 7 2 7 2 7 2	students.	3.37	Ŭ	Ŭ	Ü	•
24. Facilitate learning by organizing available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.5 0 0 1 1 8 2 7 1 6 3 3.70 0 1 1 6 3 3.80 0 0 7 3 4 4 5 6 4 7 2 7 2 7 2						
available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.30 0 1 1 8 2 7 1 6 3 3 0 0 1 6 4 4 4 5 7 2 7 2	Management					
available space, materials, and equipment. 25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.50 0 1 1 8 2 7 1 6 3 3 0 0 1 6 4 4 4 5 7 2 7 2	24. Facilitate learning by organizing	2.5	0	0		_
25. Maintain a positive learning environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.70 0 1 1 2 7 3.80 0 1 6 3 3.90 0 0 7 3 4 4 5.00 1 1 1 8 8 1 1 1 1 1 1 1 2 7 2 1 1 2 7 2 2 4 4 4 5.00 1 7 7 7 7 7 7 7 7 7 7 7 7		5.5	U	U	5	5
environment. 26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.70 0 1 2 7 3.80 0 1 6 3 3 0 0 7 3 4 5 4 5 6 4 7 7 7 7 7 7 7 7 7 7 7 7			_			_
26. Create a routine and manage transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.60 0 1 2 7 3.20 0 1 6 3 3 4 5 1 7 2 7 2	_	3.70	0	1	1	8
transitions in a way that maximizes the time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.30 0 1 2 7 3 3 0 0 1 2 7 3 4 3 3 0 0 1 7 2 7 2						
time available for learning. 27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.30 0 1 6 3 7 3 4 5 1 7 2		3.60	0	1	2	7
27. Manage and adjust my time to ensure that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.20 0 1 6 3 7 3 4 5 1 7 2	· I	3.00	U	1		,
that learning objectives are met. 28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 30. Monitor and respond to inappropriate 310 320 330 330 330 34 4						
28. Clearly communicate my expectations for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.30 0 7 3 4 5 10 10 7 2		3.20	0	1	6	3
for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 3.39 0 6 4 3.10 7 2						
for appropriate behavior to my students. 29. Monitor and respond to appropriate student behavior in an effective way. 30. Monitor and respond to inappropriate 310 17 2	1 = = = = = = = = = = = = = = = = = = =	3.30	0	0	7	3
student behavior in an effective way. 3.39 0 0 4 30. Monitor and respond to inappropriate 3 10 0 1 7 2		*	-	-		-
student behavior in an effective way. 30. Monitor and respond to inappropriate 3 10 0 1 7 2		3 30	n	0	6	$\it \Delta$
	student behavior in an effective way.	3.33	U	U	U	т
	30. Monitor and respond to inappropriate	2 10	0	1	7	2
	student behavior in an effective way.	3.10	U	1	/	۷

School Improvement					
31. Encourage parents/caregivers to					
become active partners in their children's	3.20	0	2	4	4
education and become involved in	3.20	U	2	4	4
school/classroom activities.					
32. Provide clear and timely information					
to parents/caregivers regarding classroom	3.20	0	0	8	2
expectations, student progress, and ways	5.20			O O	_
they can assist learning.					
33. Collaboratively and effectively work	3.60	0	0	4	6
with colleagues.				-	
34. Understand the importance of and plan	3.30	0	0	7	3
for professional development.	3.30	Ŭ		,	
Overall		poor			Excellent
Overall, how would you rate the	technical difficulties: data not collected				
effectiveness of your teacher preparation					
program in preparing you to improve					
student learning?					

APPENDIX C

GRAMBLING STATE UNIVERSITY

2003-2004 CALCULATION OF QUANTITY INDEX

BASELINE SCORE

A Baseline Score has been established for each individual teacher preparation program in Louisiana. The Baseline Score is the total number of regular and alternate program completers that completed teacher preparation programs between the dates of July 1, 2000 – June 30, 2001.

QUANTITY SCORE

A. 2002-2003 PROGRAM COMPLETERS

One-point is assigned to every regular and alternate program completer that completed teacher preparation programs between the dates of July 1, 2002 – June 30, 2003.

B. BONUS POINTS

In addition, one-half a point is assigned to every 2002-2003 regular and alternate program completer that met the criteria for each of the following teacher shortage areas.

	Teacher Shortage Areas	# Regular Program Completers	# Alternate Program Completers
MINORITIES		29	1
MATHEMATIC	CS	1	
SCIENCE	General Biology Chemistry Physics Earth Environmental		1 1
MIDDLE SCHO	OOL		
SPECIAL EDU	CATION	2	
MALE	Early Childhood Elementary	2	
	ARISHES – TEACHER PLACEMENT mption, East Feliciana, Madison, St. River)		
Total		34	3