DAS-REMI SUPERINTENDENT'S NOTE: WORKFORCE READINESS: SY 2018-19

TO: M. ANN LEVETT, ED.D, SUPERINTENDENT

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SUBJECT: DAS-REMI WORKFORCE READINESS REPORT: SY 2018-19

DATE: SEPTEMBER 9, 2019

As documented in the District Accountability System's Reporting, Evaluating, & Monitoring Instrument (DAS REMI), Strategic Goal 1, Objective C focuses on increasing the number of students meeting high school graduation requirements necessary to be successful at the post-secondary level and/or the workforce. Two key measures of workforce readiness are students' performance on the End of Pathway Assessment and participation in work-based learning opportunities.

The End of Pathway Assessment (EOPA) increases opportunities for students who complete Career, Technical, and Agricultural Education (CTAE) learning pathways to earn industry-validated credentials while still in high school. Georgia's Technical Skill Attainment Inventory (or list of available EOPAs) currently encompasses approximately 130 options, and includes Industry-Recognized Credentialing Exams, Occupational Assessments, State Licensing Exams, and State Developed Occupational Assessments. Strategic Goal 1, Objective C seeks to increase the percentage of CTAE pathway completers who earn a national industry recognized credential or passing score on an end of pathway assessment. The target is to meet or exceed the state benchmark, which was **58.7** in SY 2018-19.

Students become eligible to take the EOPA once they attain pathway completer status, which is defined as having successfully completed the three to four designated pathway courses, or are enrolled in the final designated course and on track to complete it successfully. Data are reported based on summary information provided by the Georgia Department of Education. All data include only those students who were reported in GADOE's official EOPA data collection and who met the following state reporting requirements:

- Attained pathway completer status in the reporting year, <u>and</u>
- Passed the EOPA in the same reporting year

Because the EOPAs are designed to allow students to demonstrate mastery to obtain a credential, students may take the EOPA exam multiple times. However, only those who complete the pathway and pass the exam within the same year may be reported in the state's official EOPA data collection.

Work-based learning allows students to gain experience and further develop their skills in real-world work environments, to ensure they are ready for the workforce and can advance within their chosen careers. The work-based learning data that follow provide the number and percentage of graduates who participated in work-based learning at any time during their high school career, as measured by successful completion of one or more designated work-based learning courses. All data are reported based on course and enrollment data submitted in the official state Student Record and Student Class data collections. The number of graduates reflects all students reported with a withdrawal code of "G." The district target is to improve the SY 2016-17 baseline work-based learning participation rate of 19% to 30% or higher by SY 2021-22.

Key Points: EOPA

- SCCPSS pathway completers earned a 71% EOPA success rate in SY 2018-19. This represents a 4 point increase over the past three years, and exceeds the state benchmark target.

- Pass rates among EOPA content areas ranged from 20% in Distribution and Logistics to 100% in Early Childhood Education. In addition to Distribution and Logistics, students earned pass rates above 90% in Companion Animal Systems, Financial Services, Law Enforcement/Forensic Sciences, and Veterinary Science.

- School pass rates ranged from 42% at Groves High School to 100% at New Hampstead High School. All schools except Groves and the School of Liberal Studies at Savannah High exceeded the state benchmark target.

- Early College, Johnson, Savannah Arts, New Hampstead and The School of Liberal Studies at SHS improved over last year. The remaining sites declined by 3 to 14 points.

- New Hampstead and Early College earned the greatest one-year improvements with gains of 20 or more points. Savannah Arts also achieved double digit gain.

Key Points: Work-Based Learning

- Eighteen percent (18%) of SY 2018-19 SCCPSS graduates participated in one or more work-based learning courses during their high school career, reflecting a 1-point increase from the prior year.

- School-level participation ranged from under 10% to 41%. Groves, Johnson, and the School of Liberal Studies at Savannah High exceeded the 2022 target of 30%, and Beach met the 2019 target of 24%.

- Beach, Islands, New Hampstead and Windsor Forest exceeded the annual improvement target, with a one-year gain of 7, 8, 4 and 3 points respectively. Woodville-Tompkins improved by two points over last year, while the remaining schools did not make progress over the prior year.

Figure 1: EOPA Exam Success Rate
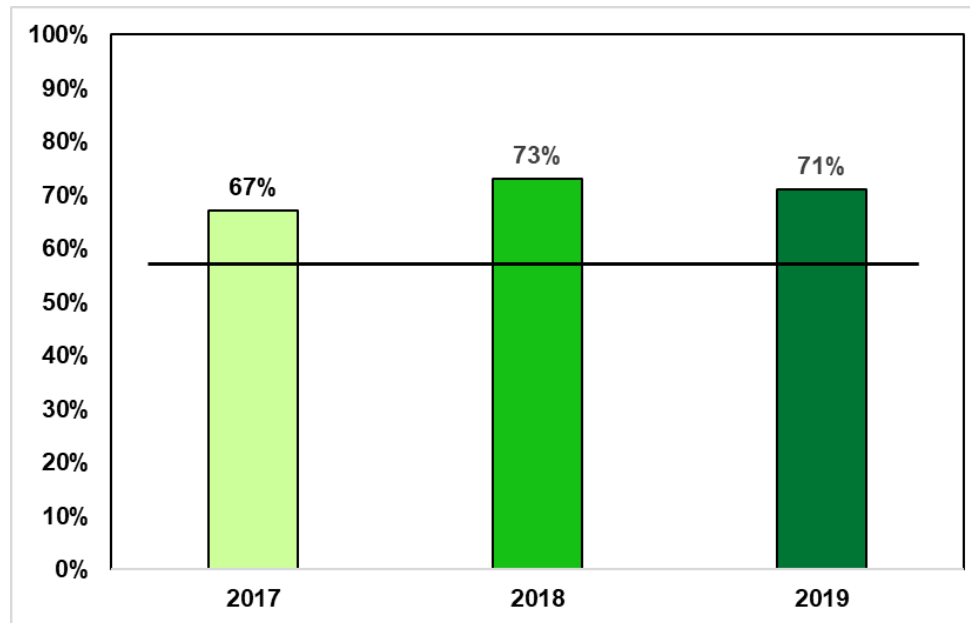
── 2021 State benchmark

	2017	2018	2019
Pass Rate	67%	73%	71%
N Tested	878	1,133	1,196
N Passed	584	831	850

Figure 2: EOPA Exam Participation & Success Rate by Content Area

Content Area	2017		2018		2019		1 Yr Chg	3 Yr Chg
	N Tested	Pass Rate	N Tested	Pass Rate	N Tested	Pass Rate		
Agriscience Systems	15	20%	15	7%	NA	NA	NA	NA
Audio/Video Technology	18	61%	64	53%	61	85%	32	24
Business Finance	271	79%	368	81%	*	*	*	*
Business Management & Administration	NA	NA	NA	NA	342	64%	NA	NA
Carpentry	15	20%	17	76%	13	31%	-45	11
Companion Animal Systems	NA	NA	NA	NA	81	96%	NA	NA
Computer Science/Information Technology	25	28%	29	69%	26	69%	0	41
Culinary Arts	16	81%	31	97%	27	81%	-16	0
Distribution & Logistics	*	*	14	14%	15	20%	6	*
Early Childhood Education	22	95%	58	98%	48	100%	2	5
Energy	*	*	*	*	NA	NA	NA	NA
Engineering & Technology	41	93%	46	83%	47	81%	-2	-12
Entrepreneurship	87	46%	114	64%	123	74%	10	28
Fashion Merchandising	NA	NA	NA	NA	*	*	NA	NA
Financial Services	17	12%	26	54%	26	96%	42	84
Flight Operations	*	*	NA	NA	NA	NA	NA	NA
Graphic Design	21	67%	*	*	NA	NA	NA	NA
Horticulture and Animal Science	NA	NA	NA	NA	14	21%	NA	NA
Hospitality & Recreation/Tourism	10	100%	11	100%	*	*	*	*
Human Resources	10	40%	14	57%	25	72%	15	32
Interiors, Fashion, & Textiles	*	*	*	*	*	*	*	*
Law Enforcement/Forensic Sci/Criminal Inv.	73	68%	34	59%	22	95%	36	27
Maintenance and Light Repair	NA	NA	NA	NA	11	45%	NA	NA
Manufacturing	23	78%	20	60%	*	*	*	*
Marketing & Management	*	*	12	50%	NA	NA	NA	NA
Nutrition & Food Science	58	84%	44	89%	33	82%	-7	-2
Personal Care	16	63%	30	63%	26	54%	-9	-9
Plant and Landscape System	NA	NA	NA	NA	*	*	NA	NA
Programming Information Technology	NA	NA	NA	NA	*	*	NA	NA
Sports & Entertainment	31	19%	53	32%	84	31%	-1	12
Therapeutic Services	22	91%	43	98%	38	61%	-37	-30
Veterinary Science	39	100%	67	93%	68	98%	5	-2
Web & Digital Design	18	22%	NA	NA	NA	NA	NA	NA
Welding	*	*	*	*	11	55%	*	*
TOTAL	**878**	**67%**	**1,133**	**73%**	**1,196**	**71%**	**-2**	**4**

▢ Increase   NA - Exam not administered   * Not reported; <10 exams

Figure 3: EOPA Exam Success Rate by Subgroup

Subgroup	2017		2018		2019		1 Yr Chg	3 Yr Chg
	N Tested	Pass Rate	N Tested	Pass Rate	N Tested	Pass Rate		
Asian	24	79%	38	89%	82	80%	-9	1
Black	576	64%	683	69%	1328	61%	-8	-3
Hispanic	49	53%	91	77%	206	79%	2	26
White	182	73%	268	81%	670	86%	5	13
Multi-Racial	45	78%	50	78%	106	83%	5	5
Female	450	69%	584	77%	637	74%	-3	5
Male	428	64%	549	70%	559	68%	-2	4
English Learners	*	*	*	*	24	33%	*	*
Students with Disabilities	63	40%	102	51%	106	45%	-6	5

*Not reported; < 10 exams

Figure 4: EOPA Exam Success Rate by School

High School	2017		2018		2019		1 Yr Chg	3 Yr Chg
	N Tested	Pass Rate	N Tested	Pass Rate	N Tested	Pass Rate		
SCCPSS	**878**	**67%**	**1,133**	**73%**	**1196**	**71%**	**-2**	**4**
Beach	35	77%	64	81%	58	74%	-7	-3
Early College	35	74%	21	71%	34	91%	20	17
Groves	137	55%	80	48%	90	42%	-6	-13
Islands	88	88%	182	88%	280	85%	-3	-3
Jenkins	152	63%	191	70%	180	61%	-9	-2
Johnson	95	67%	86	60%	87	61%	1	-6
New Hampstead	33	94%	48	79%	31	100%	21	6
Savannah Arts	57	51%	61	62%	93	80%	18	29
SLS at Sav. High [P]	52	87%	63	43%	37	51%	8	-36
Windsor Forest	103	35%	188	77%	149	64%	-13	29
Woodville-Tompkins	91	86%	149	89%	157	75%	-14	-11

◻ At/above 2019 target   ◻ Increase   [P]CSI Promise School

Figure 5: EOPA Exam Success Rate by School and Pathway Area

Content Area	Beach		Early College		Groves		Islands		Jenkins		Johnson		New Hampstead		Savannah Arts		SLS at SHS		Windsor Forest		Woodville-Tompkins	
	N	Pass Rate	N	Pass Rate	N	Pass Rate	N	Pass Rate	N	Pass Rate	N	Pass Rate	N	Pass Rate	N	Pass Rate	N	Pass Rate	N	Pass Rate	N	Pass Rate
Audio/Video Technology													*	100%	57	84%						
Business Finance													*	100%								
Business Management & Administration	28	79%	16	81%	45	29%	72	68%	36	33%	24	58%	18	100%	31	81%	16	56%	46	74%	10	100%
Carpentry																			13	31%		
Companion Animal Systems							81	96%														
Computer Science/Information Technology									21	81%					*	20%						
Culinary Arts	*	100%																			26	81%
Distribution & Logistics					15	20%																
Early Childhood Education									*	100%									21	100%	25	100%
Engineering & Technology									43	88%							*	0%				
Entrepreneurship	*	100%					45	93%	21	43%	28	75%							26	62%		
Fashion Merchandising											*	83%										
Financial Services					*	100%															21	95%
Horticulture and Animal Science							14	21%														
Hospitality & Recreation/Tourism																					*	83%
Human Resources					*	75%			17	71%												
Interiors, Fashion, & Textiles					*	57%																
Law Enforcement/Forensic Sci/Criminal Inv.			18	100%													*	75%				
Maintenance and Light Repair																					11	45%
Manufacturing																					*	56%
Nutrition & Food Science					10	70%			15	80%	*	100%										
Personal Care																	*	86%			26	54%
Plant and Landscape System																			*	67%		
Programming Information Technology									*	100%												
Sports & Entertainment									23	22%	21	24%					*	17%	34	44%		
Therapeutic Services	26	65%																			12	50%
Veterinary Science							68	98%														
Welding																					11	55%
TOTAL	58	74%	34	91%	90	42%	280	85%	180	61%	87	61%	31	100%	93	80%	37	51%	149	64%	157	75%

*Not reported; < 10 exams

Figure 6. Percentage of Graduates Who Participated in Work-Based Learning

— 2022 target
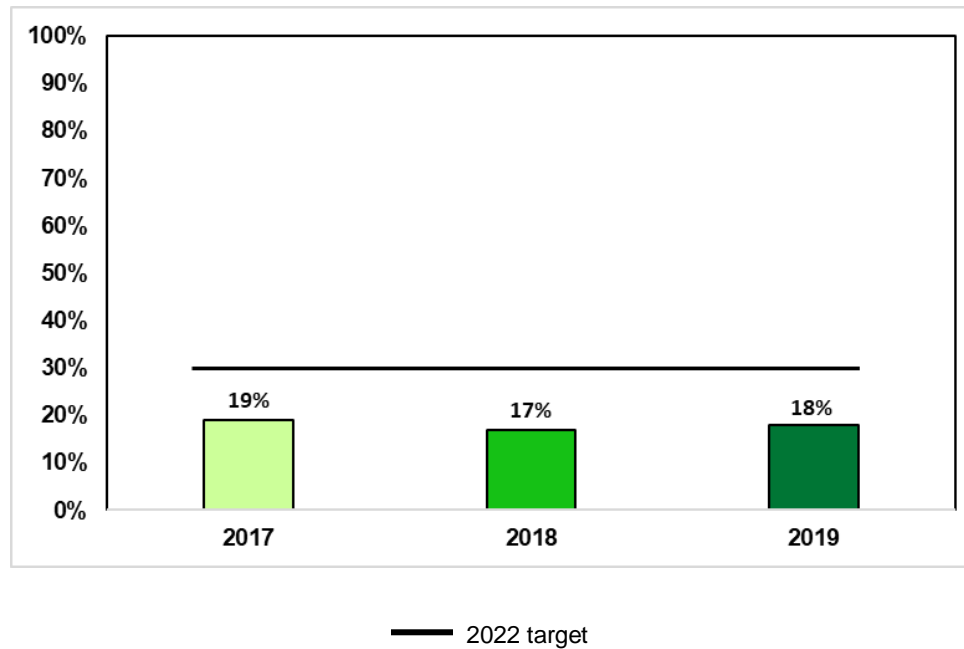
	2017	2018	2019
Participation Rate	19%	17%	18%
N Graduates	1,885	1,951	2,054
N Participants	352	339	374

Figure 7. Percentage of Graduates Who Participated in Work-Based Learning by Subgroup

Subgroup	2017	2018	2019	1 Yr Chg	3 Yr Chg
Asian	10%	6%	9%	3	-1
Black	22%	20%	21%	1	-1
Hispanic	13%	12%	15%	3	2
White	12%	14%	14%	0	2
Multi-Racial	22%	17%	13%	-4	-9
Female	21%	19%	20%	1	-1
Male	15%	16%	16%	0	1
Econ. Disadvantaged	21%	20%	20%	0	-1
English Learners	0%	20%	9%	-11	9
Students with Disabilities	9%	13%	12%	-1	3

Figure 8. Percentage of Graduates Who Participated in Work-Based Learning by School

High School	2017		2018		2019		1 Yr Chg	3 Yr Chg
	Number of Participants	Participation Rate	Number of Participants	Participation Rate	Number of Participants	Participation Rate		
SCCPSS	**352**	**19%**	**339**	**17%**	**374**	**18%**	**1**	**-1**
Beach	42	23%	36	17%	46	24%	7	1
Early College	*	27%	*	24%	*	7%	-17	-20
Groves	42	38%	68	52%	69	41%	-11	3
Islands	29	13%	23	11%	45	19%	8	6
Jenkins	16	8%	17	7%	*	4%	-3	-4
Johnson	58	30%	46	31%	54	31%	0	1
New Hampstead	14	4%	12	4%	25	8%	4	4
Savannah Arts	26	12%	26	13%	22	10%	-3	-2
SLS at Sav High [P]	40	36%	45	37%	33	34%	-3	-2
Windsor Forest	47	24%	37	14%	42	17%	3	-7
Woodville-Tompkins	300	30%	20	16%	26	18%	2	-12

☐ At/above 2022 target   ☐ Increase   ☐ At/above 2019 target   [P]CSI Promise School   *Not reported;<10 exams