

Accreditation Council for Education in Nutrition and Dietetics (ACEND®)
Dietetics Education Program Outcome Data 2021

TABLE	Page Number
ACEND Outcome Objectives for all Program Types, 2021	2
ACEND Outcome Objectives for Didactic Programs in Dietetics (DPD) Only (n=213 programs), 2021	4
ACEND Outcome Objectives by Program Type and by Degree Granted, 2021	6
Summary of Credentialing Exam Pass Rate by Program Type, 2021	8
Summary of Credentialing Exam Pass Rate by Program Type and by Degree Granted, 2021	10
Diversity Enrollments by Degree Level. HBCU Colleges and Puerto Rico Incorporated, 2021. (The term underrepresented minorities abbreviated as URM)	11
Diversity Enrollments by Degree Level, 2021. HBCU and TCU Colleges and Puerto Rico and International Programs Excluded	13
Diversity Enrollments by Degree Level for HBCU Colleges, Programs in Puerto Rico and Tribal Programs, 2021	14
Diversity of Students that Graduated in 2021 by Program Type	14
Summary of Credentialing Exam Pass Rate by Program Type and by Supervised Practice (SP)/Supervised Experiential Learning (SEL), 2021	16
ACEND Outcome Objectives by Program Type by Supervised Practice (SP)/Supervised Experiential Learning (SEL) 2021; Outcomes for DPD Are Divided by Course Delivery Mode (Distance versus Onsite)	18
ACEND Outcome Objectives for Didactic Programs in Dietetics (DPD) Only Divided by Course Delivery Mode (Distance versus Onsite) (n=213 programs), 2021	19

ACEND Outcome Objectives for all Program Types, 2021

Table Summary: (Table found on following page)

In general, Graduate Programs under the Future Education Model (FEM-GPs) as well as Dietetic Internship Programs (DIs) had more positive outcomes than Coordinated Programs (CPs), Didactic Programs in Dietetics (DPDs) and Diet Technician Programs (DTs). DT programs, mostly located in community colleges had the poorest outcomes, which follows national trends for community colleges. For example, community colleges, on average, have a lower percentage of students who complete the programs compared to four-year colleges and universities.

Statistical Analysis Results:

Graduates who completed the program on time (150%): (DPDs included in this analysis only)

- GPs had the highest percent of graduates who completed the program on time compared to CPs (P=0.03), DIs (P=.001), DPDs (P<0.000), and DTs (P=0.04).
- DIs had a higher percent of graduates who completed the program on time compared to DPDs (P<0.01) and DTs (P=0.02). Differences were not significant for CPs.
- DPDs had a higher percent of graduates who completed the program on time compared to DTs (P=0.04).

Graduates who found jobs in dietetics within 12 months of graduation: All relationships were significantly different

- GPs had the highest percent of graduates who found jobs in dietetics compared to CPs (P=0.002), DIs (P=.04), and DTs (P<0.000).
- DIs had a higher percent of graduates who found jobs in dietetics compared to CPs (P=0.01) and DTs (P<0.000).
- CPs had a higher percent of graduates who found jobs in dietetics compared to DTs (P=0.01)

Graduates who found jobs outside dietetics within 12 months of graduation: All relationships were significantly different

- Differences were statistically significant only for DT programs. DTs had the highest percent of graduates who found jobs outside dietetics compared to CPs (P=0.002), GPs (P=0.007) and DIs (P=.001).

Graduates want jobs and are still seeking employment:

- Differences were statistically significant only for GP programs. GPs had a lower percent of graduates who are still seeking employment compared to CPs (P=0.002), and DTs (P=.03). Differences were not significant between GPs and DIs.

All other graduates:

- GPs had the lowest percent of “All other graduates” compared to CPs (P<0.001), DIs (P=.02), and DTs (P=0.01).
- DIs had a lower percent of “All other graduates” compared to CPs (P=0.01). Difference was not significant for DTs.

TABLE: ACEND Outcome Objectives for all Program Types, 2021

Program Type	Number of programs	Total number of graduates reported	Average class size (number of graduates per program)	Graduates who completed the program on time (150%)	Graduates who found jobs in dietetics within 12 months	Graduates who found jobs outside dietetics within 12 months	Graduates who want jobs and are still seeking employment	All other graduates	Graduates who took the RDN exam (NDTR exam for DT programs) within 12 months
				<i>Mean percent</i>					
Coordinated Program (CP)	59	841	14	93%	68%	4%	2%	21%	90%
Graduate Program (FEM-GP)	6	77	13	100%	92%	6%	0%	1%	100%
International Programs (ICP/FDE)	6	115	19	99%	37%	1%	28%	39%	18%*
Dietetic Internship (DI)	260	3584	14	98%	83%	3%	2%	10%	94%
Didactic Program (DPD)	213	5219	24	96%	----- <i>Not applicable</i> -----				
Dietetic Technician Program (DT)	22	141	6	86%	55%	18%	7%	20%	50%

*Data from one ICP program; International programs not included in statistical analyses.

ACEND Outcome Objectives for Didactic Programs in Dietetics (DPD) Only (n=213 programs), 2021

Table Summary: (Table follows) In general, Graduate DPDs had more positive outcomes than Bachelor's DPDs.

Statistical Analysis Results:

- DPDs with a master's degree have a significantly higher number of graduates who are accepted into supervised practice compared to bachelor's level DPDs ($P < 0.000$). Similarly, they have a lower number of students who did not get accepted into supervised practice ($P = 0.03$).
- Compared to DPDs with a master's degree, DPDs at the bachelor's level have a significantly higher number of graduates who are not in supervised practice and are not pursuing further education and who found jobs outside dietetics within 12 months of program completion ($P = 0.03$).

TABLE: ACEND Outcome Objectives for Didactic Programs in Dietetics (DPD) Only (n=213 programs), 2021*

DPD Programs	Graduates who applied to supervised practice (SP)			Graduates who are not in supervised practice (SP)				All Others
	Graduates who applied to SP within 12 months	Graduates who were admitted into SP	Graduates who were not admitted into SP	Graduates who are not in SP nor employed, and are pursuing further education	Graduates who are not in SP and both found a job within 12 months of program completion and are also pursuing further education	Graduates who are not in SP and are not pursuing further education who found a job in dietetics within 12 months of program completion	Graduates who are not in SP and are not pursuing further education who found a job outside dietetics within 12 months of program completion	All other graduates
	<i>Mean percent</i>							
Bachelor's (n=201)	67%	65%	4%	8%	3%	7%	6%	11%
Master's (n=12)	72%	70%	2%	7%	2%	6%	3%	12%

*Numbers may not add to 100% due to rounding; graduates who were not admitted to SP (4%) are counted again under "Graduates who are not in SP".

ACEND Outcome Objectives by Program Type and by Degree Granted, 2021

Table Summary: (Table found on following page)

In general, FEM-GPs had more positive outcomes than all bachelor's level programs and Verification Statement Only DIs. GPs' outcomes were typically not different from other graduate level programs except for percent who took the RDN exam where all GPs had 100% of their graduates take the RDN exam within 12 months of program completion. DT programs tended to have the poorest outcomes.

Results of Statistical Analysis:

Graduates who completed the program on time (150%): (DPDs included in this analysis only)

- GPs had a higher percent of graduates who completed the program on time compared to Verification Statement only DIs ($P<0.000$), Bachelor's DPD ($P<0.000$) and DTs ($P=0.007$). GPs was not statistically significant from other graduate level programs.
- Graduate only DIs had a higher percent of graduates who completed the program on time compared to Bachelor's level DPDs ($P<0.01$) and DTs ($P=0.01$). No differences observed between graduate level DIs and all other groups. No statistical differences found among all DI groups.
- Verification Statement Only DIs had a higher percent of graduates who completed the program on time compared to Bachelor's level DPDs ($P<0.01$) and DTs ($P<0.05$).
- Bachelor's level DPDs had a higher percent of graduates who completed the program on time compared to DTs ($P<0.05$). No other differences observed.
- DTs had the lowest percent of graduates who completed the program on time compared to all other programs. Differences were statistically significant across all programs ($P<0.05$).

Graduates who took the RDN exam within 12 months of program completion:

- GPs had the highest percent of graduates who took the RDN exam within 12 months of program completion compared to all other programs ($P<0.05$).
- DTs had the lowest percent of graduates who took the registration exam (RDN/NDTR) within 12 months of program completion compared to all other programs ($P<0.000$).
- Bachelor's level CPs had a lower percent of graduates who took the RDN exam within 12 months of program completion compared to Graduate level DIs ($P<0.05$), Verification Statement only DIs ($P<0.05$), and GPs ($P<0.01$). Mean percent was higher than DTs ($P<0.000$).

Graduates who found jobs in dietetics within 12 months of program completion:

- GPs had the highest percent of graduates who found jobs in dietetics compared to Graduate level CPs ($P<0.05$), Bachelor's level CPs ($P<0.05$), Verification Statement only DIs ($P<0.05$), and DTs ($P<0.001$). Differences were not significant for Graduate level DIs and DIs that have the option for completing a graduate program.
- DTs had the lowest percent of graduates who found jobs in dietetics compared to GPs ($P<0.001$), Graduate CPs ($P<0.05$), and all three DI groups ($P<0.01$), but differences were not significant for Bachelor's level CPs.
- Differences were not significant among all levels of CPs and DIs.

Graduates who found jobs outside dietetics within 12 months of graduation:

- Differences were statistically significant only for DT programs. DTs had the highest percent of graduates who found jobs outside dietetics compared to CPs, GPs, and DIs ($P<0.01$).

Graduates who want jobs and are still seeking employment:

- Differences were statistically significant only for GP programs. GPs reported no graduates who are still seeking employment. When compared to other ACEND programs, this was statistically significant compared to Graduate level DIs ($P<0.01$), DIs with the option to complete a graduate degree ($P<0.05$), Verification Statement only DIs ($P<0.001$), and DTs ($P<0.05$). Differences were not significant between GPs and CPs.

All other graduates:

- GPs had the lowest mean percent of "All other graduates" compared to CPs ($P<0.05$), DIs with the option to complete a graduate degree ($P<0.01$), Verification Statement only DIs ($P<0.05$), and DTs ($P<0.05$). Differences were not significant between GPs and Graduate level DIs
- Graduate level DIs had a lower percent of "All other graduates" compared to Bachelor's level CPs ($P<0.05$) and DTs ($P<0.05$). No other differences were statistically significant.

TABLE: ACEND Outcome Objectives by Program Type and by Degree Granted, 2021*

Outcome Measures	2017 Accreditation Standards									Future Education Model Standards
	Dietetic Technician (DT)	Didactic Program in Dietetics (DPD)		Dietetic Internship (DI)			Coordinated Program (CP)			Graduate Program (GP**)
	Associate DT	Bachelor's Only DPD	Graduate Only DPD	Verification Statement Only DI	Verification Statement and Optional Graduate DI*	Graduate Only DI	Bachelor's Only CP	Bachelor's and Graduate CP*	Graduate Only CP	Graduate Program GP**
Number of Programs	22	223	12	175	31	64	20	20	19	6
Total Number of Graduates	141	4,850	369	2,447	497	640	252	344	245	77
Average class size (number of graduates per program)	6	22	31	14	16	10	13	17	13	13
Mean percent of graduates who completed the program on time (150%)	87%	97%	99%	99%	96%	99%	97%	99%	99%	100%
Mean percent of graduates who took the RDN exam (NDTR exam for DT programs) within 12 months	50%	N/A	N/A	94%	92%	95%	80%	94%	94%	100%
Mean percent of graduates who found jobs in dietetics within 12 months	55%	N/A	N/A	83%	87%	87%	63%	64%	78%	92%
Mean percent of graduates who found jobs outside dietetics within 12 months	18%	N/A	N/A	4%	3%	3%	4%	4%	3%	6%
Mean percent of graduates who want jobs and are still seeking employment	7%	N/A	N/A	2%	3%	3%	4%	2%	2%	0%
Mean percent of all other graduates	20%	N/A	N/A	10%	8%	8%	21%	24%	17%	1%

*Numbers may not add to 100% due to rounding

Summary of Credentialing Exam Pass Rate by Program Type, 2021

Table Summary: (Table found on following page)

Because they are new, Graduate Programs' (FEM-GP) data are not available for the 2019-2021 three-year pass rate. DIs had a higher 2029-2021 three-year average pass rate (90.40%) compared to DPDs (90.13%). For the 2021 one year of first attempt pass rate, FEM-GPs had the highest 2021 one-year of first attempt pass rate (98.04%) compared to all other programs. No differences between DPDs and DTs on the NDTR exam pass rate.

Results of Statistical Analysis:

2021-First time Pass Rate:

- Graduate Programs (FEM-GP) first time pass rate was significantly higher than DPD programs ($P < 0.05$).

2021-One Year of First Attempt:

- Graduate Programs (FEM-GP) had the highest 2021 one-year of first attempt pass rate. Relationship was significantly higher than all programs: CPs ($P < 0.01$), DIs ($P < 0.01$) and DPDs ($P < 0.001$).
- DPDs had the lowest 2021 one-year of first attempt pass rate. Relationship was significant for GPs ($P < 0.001$), CPs ($P < 0.5$) and DIs ($P < 0.01$).

2019-2021 Three Year Average (ACEND Objective):

- DIs had a higher 2029-2021 three-year average pass rate compared to DPDs ($P < 0.001$). No differences observed between CPs and DPDs and between CPs and DIs.
- Because they are new, Graduate Programs' (FEM-GP) data available for only two years. Three-year pass rates not available.

NDTR Exam:

- No differences observed between DPDs and DTs on the NDTR exam.

TABLE: Summary of Credentialing Exam Pass Rate by Program Type, 2021

Program Type	2021-First time Pass Rate			2021-One Year of First Attempt			2019-2021 Three Year Average		
	Total number of graduates who took the exam	Total number of graduates who took the exam and passed it	Percent of graduates who passed the exam	Total number of graduates who took the exam	Total number of graduates who took the exam and passed it	Percent of graduates who passed the exam	Total number of graduates who took the exam	Total number of graduates who took the exam and passed it	Percent of graduates who passed the exam
Registered Dietitian Nutritionist (RDN) Exam									
Coordinated Program (CP)	835	565	67.66%	704	648	92.04%	2,456	2,198	89.49%
Graduate Program (FEM-GP)*	190	151	79.47%	51	50	98.04%	Not available		
Dietetic Internship (DI)	3,521	2,185	62.06%	3,467	3,122	90.05%	10,249	9,265	90.40%
Didactic Program (DPD)	3,307	2,044	61.81%	3,444	3,090	89.72%	10,802	9,736	90.13%
Individualized Supervised Practice Programs (ISPP)									
Dietetic Internship-ISPP**	38	15	39.47%	42	30	71.43%	142	112	78.87%
Dietetic Internship-ISPP PhD	6	4	66.67%	12	11	91.67%	40	36	90.00%
Didactic Program – ISPP	78	37	47.44%	91	73	80.22%	312	254	81.41%
Didactic Program - ISPP PhD	4	3	75.00%	3	3	100.00%	7	7	100.00%
TOTAL	4,672	2,960	63.36%	4,370	3,937	90.09%	13,206	11,872	89.90%
Nutrition and Dietetics Technician, Registered (NDTR) Exam									
Dietetic Technician Program (DT)	101	52	51.48%	106	73	68.87%	373	262	70.24%
Didactic Program (DPD)	311	183	58.80%	290	201	69.31%	966	688	71.22%
TOTAL	412	235	57.04%	396	274	69.19%	1,339	950	70.95%

*Graduate Program (GP) is also known as Future Graduate (FG) Program

**Includes one Coordinated Program (CP) -ISPP

Summary of Credentialing Exam Pass Rate by Program Type and by Degree Granted, 2021

Table Summary: (Table found on following page)

In general, graduate level programs had better pass rates than Bachelor's level programs. In particular, FEM-GPs outperformed most other programs on the 2021 first time pass rate (74.47%) and the 2021 one year of first attempt pass rate (98.04%). Because they are new, FEM-GPs' 2019-2021 three-year pass rates are not available.

Results of Statistical Analysis:

2021-First time Pass Rate:

- All graduate level programs' 2021 first time pass rates were higher than Bachelor's level CPs: Relationships were significantly higher compared to Graduate level CPs ($P<0.01$), Graduate level DIs ($P<0.01$), Graduate Programs (FEM-GPs) ($P<0.01$), and Graduate level DPDs ($P<0.5$).
- Graduate Programs (FEM-GPs) had significantly higher 2021 first time pass rate compared to DIs with optional graduate degree ($P<0.05$), Bachelor's level CPs ($P<0.01$), and Bachelor's level DPDs ($P=0.01$). No other differences were observed.
- Graduate level CPs had significantly higher 2021 first time pass rate compared to DIs with optional graduate degree ($P<0.05$), Bachelor's level CPs ($P<0.01$), and Bachelor's level DPDs ($P=0.01$). No other differences were observed.
- Bachelor's level DPDs' 2021 first time pass rate was significantly lower than Graduate level CPs ($P<0.01$), Graduate GPs (FEM-GPs) ($P=0.01$), and Graduate level DIs ($P<0.01$). No differences observed with Graduate level DPDs.

2021-One Year of First Attempt:

- Graduate Programs (FEM-GP) had the highest 2021 one-year of first attempt pass rate. Except for graduate level CPs, relationships were statistically compared to all other programs: Bachelor's CPs ($P<0.01$), Graduate DIs ($P<0.01$), DIs with optional graduate degree ($P<0.01$), Verification Statement only DIs ($P<0.01$), Bachelor's level DPDs ($P<0.001$), and Graduate level DPDs ($P<0.05$).

2019-2021 Three Year Average (ACEND Objective):

- Because they are new, Graduate Programs' (FEM-GP) data available for only two years. Three-year pass rates not available.
- Bachelor's level DPDs had a lower 2019-2021 three-year average pass rate compared to most graduate level programs. Relationships were significant compared to Graduate level CPs ($P<0.05$), Graduate level DIs ($P<0.01$), DIs with optional graduate degree ($P<0.01$), and Verification Statement only DIs ($P<0.01$). No differences observed between Bachelor's DPDs and Graduate level DPDs.

TABLE: Summary of Credentialing Exam Pass Rate by Program Type and by Degree Granted, 2021

	2017 Accreditation Standards								Future Education Model Standards
	Didactic Program in Dietetics (DPD)		Dietetic Internship (DI)			Coordinated Program (CP)			Graduate Program (GP**)
	Bachelor's Only DPD	Graduate Only DPD	Verification Statement Only DI	Verification Statement and Optional Graduate DI*	Graduate Only DI	Bachelor's Only CP	Bachelor's and Graduate CP*	Graduate Only CP	Graduate Program GP**
2021-First Time Pass Rate									
Examinees	3033	274	2257	476	617	155	281	256	190
Number Passed	1859	185	1377	282	416	83	201	189	151
Percent Passed	61.29	67.52	61.01	59.15	67.42	53.55	71.53	73.83	74.47
2021-One Year of First Attempt									
Examinees	3140	304	2381	445	641	182	273	249	51
Number Passed	2816	274	2141	399	582	158	257	233	50
Percent Passed	89.68	90.13	89.92	89.47	90.8	86.81	94.14	93.57	98.04
2019-2021 Three Year Average									
Examinees	9854	948	7089	1340	1820	678	1108	670	Three-year average data not available
Number Passed	8863	873	6391	1208	1666	571	1000	627	
Percent Passed	89.94	92.09	90.15	90.15	91.54	81.00	90.25	93.58	

*Programs offer both options of non-degree/bachelor's and graduate. Data does not specify option completed

**Graduate Program (GP) is also known as Future Graduate (FG) Program

Diversity Enrollments by Degree Level. HBCU Colleges and Puerto Rico Incorporated, 2021. (The term underrepresented minorities abbreviated as URM)

Table Summary: (Table found on following page)

- Graduate level interns in DI programs had the lowest percent of underrepresented minorities (TOTAL URM Column, 24.94%); however, differences were only significant when compared to interns in the verification statement only option (32.26%), Bachelor's Level DPDs (39.71%) and DTs (42.86%). Differences were not significant when compared to students enrolled in Bachelor's Level CPs (28.20%), Graduate Level CPs (28.78%) and FEM-GPs (27.46%).
- The percent of underrepresented minorities is not different for students enrolled in Graduate Level CPs (TOTAL URM Column, 28.78%); and FEM-GPs (27.46%) compared to students/interns enrolled in Bachelor's level CPs, Bachelor's level DPDs, and verification statement only DIs.

Results of Statistical Analysis:

Graduate Level Dietetic Internships: Percent of underrepresented minorities is significantly different from that of DIs with verification statement only ($P=0.03$), DPD undergraduate programs ($P=0.006$), and DT programs ($P=0.01$). No other differences were significant in the table.

TABLE: Diversity Enrollments by Degree Level. HBCU Colleges and Puerto Rico Incorporated, 2021. (The term underrepresented minorities abbreviated as URM)

	All students	Female	Male	Other/ Nonbinary	White	Black or African American	Hispanic /Latino of any race	Asian	American Indian and Alaska Native	Native Hawaiian and Other Pacific Islander	Two or more races	TOTAL URM*	Unable to report ethnic origin
n(%)													
Coordinated Program (CP)													
Undergraduate	876	778 (88.81)	96 (10.96)	2 (0.23)	610 (69.63)	57 (6.51)	110 (12.56)	38 (4.34)	7 (0.80)	0 (0.0)	35 (3.99)	247 (28.20)	19 (2.17)
Graduate**	827	740 (89.48)	85 (10.28)	2 (0.24)	574 (69.41)	36 (4.35)	70 (8.46)	85 (10.28)	12 (1.45)	3 (0.36)	32 (3.89)	238 (28.78)	15 (1.82)
International Program (ICP.FDE)													
Undergraduate	137	137 (100.00)	0 (0.0)	0 (0.0)	39 (28.47)	4 (2.92)	48 (35.04)	46 (33.58)	0 (0.0)	0 (0.0)	0 (0.0)	98 (71.53)	0 (0.0)
Graduate	125	121 (96.80)	4 (3.20)	0 (0.0)	18 (14.4)	13 (10.40)	3 (2.40)	7 (5.6)	74 (59.2)	0 (0.0)	0 (0.0)	97 (77.60)	10 (8.00)
Graduated Program (GP-Future Education Model)													
Graduate	812	742 (91.38)	70 (8.62)	0 (0.0)	584 (71.92)	42 (5.17)	68 (8.37)	86 (10.59)	6 (0.74)	2 (0.25)	20 (2.46)	223 (27.46)	5 (0.62)
Dietetic Internship (DI)													
Verification Statement Only	2588	2323 (89.76)	251 (9.70)	14 (0.54)	1636 (63.21)	168 (6.49)	37 (1.43)	194 (7.50)	34 (1.31)	10 (0.39)	59 (2.28)	835 (32.26)	117 (4.52)
Graduate	1351	1230 (91.04)	121 (8.96)	0 (0.0)	988 (73.13)	49 (3.63)	111 (8.22)	106 (7.85)	33 (2.44)	5 (0.37)	33 (2.44)	337 (24.94)	26 (1.92)
Didactic Program in Dietetics (DPD)													
Undergraduate	9398	8042 (85.57)	1292 (13.75)	64 (0.68)	5233 (55.68)	580 (6.17)	1648 (17.54)	865 (9.20)	291 (3.10)	33 (0.35)	315 (3.35)	3732 (39.71)	433 (4.61)
Verification Statement Only	607	548 (90.28)	58 (0.62)	1 (0.16)	346 (57.00)	63 (10.38)	61 (10.05)	67 (11.04)	3 (0.49)	2 (0.34)	25 (4.12)	221 (36.41)	40 (0.43)
Graduate	350	316 (90.29)	34 (9.71)	0 (0.0)	262 (74.86)	12 (3.43)	33 (9.43)	22 (6.29)	1 (0.29)	1 (0.29)	8 (2.29)	77 (22.00)	11 (3.14)
Dietetic Technician (DT)													
Associate	406	354 (87.92)	51 (12.56)	1 (0.25)	227 (55.91)	58 (14.29)	80 (19.70)	22 (5.42)	3 (0.74)	1 (0.25)	10 (2.46)	174 (42.86)	5 (1.23)

*URM includes Black/African American, Hispanic/Latino of any race, Asian, American Indian/Alaska Native, Native Hawaiian/Other Pacific Islander, and two or more races

**Includes 17 students receiving a Verification Statement only

Diversity Enrollments by Degree Level, 2021. HBCU and TCU Colleges and Puerto Rico and International Programs Excluded

Table Summary:

DT programs had the highest level of underrepresented minorities (42.86%). Percent of underrepresented minorities for all other programs did not reach significance.

Results of Statistical Analysis:

Dietetic Technician Program: Percent of underrepresented minorities is significantly different from that of undergraduate Coordinated Programs (BS/CP) (P=0.03), Graduate Programs (GP) under the Future Education Model (P=0.01), and DI graduate programs (graduate/DI) (P=0.01). No other differences were significant in the table.

TABLE: Diversity Enrollments by Degree Level, 2021. HBCU and TCU Colleges and Puerto Rico and International Programs Excluded

	All students	Female	Male	Other/ Nonbinary	White	Underrepresented Minorities	Unable to Report Ethnic Origin
	n(%)						
CP							
Undergraduate	834	741 (88.85)	91 (10.91)	2 (0.24)	606 (72.66)	209 (25.06)	19 (2.28)
Graduate*	826	739 (89.47)	85 (10.29)	2 (0.24)	574 (69.49)	237 (28.69)	15 (1.82)
GP FEM							
Graduate	812	742 (91.38)	70 (8.62)	0 (0.0)	584 (71.92)	225 (27.71)	3 (0.37)
DI							
Verification Statement Only	2502	2243 (89.65)	245 (9.79)	14 (0.56)	1608 (64.27)	782 (31.25)	112 (4.48)
Graduate	1351	1230 (91.11)	121 (8.96)	0 (0.0)	988 (73.13)	337 (24.94)	26 (1.92)
DPD							
Undergraduate	9138	7826 (85.64)	1248 (13.66)	64 (0.70)	5202 (56.93)	3504 (38.71)	432 (4.73)
Verification Statement Only	586	531 (90.61)	54 (9.21)	1 (0.17)	340 (58.02)	206 (35.15)	40 (6.83)
Graduate	350	316 (90.29)	34 (9.71)	0 (0.0)	262 (74.86)	77 (22.00)	11 (3.14)
DT							
Associate	406	354 (87.92)	51 (12.56)	1 (0.25)	227 (55.91)	174 (42.86)	5 (1.23)

*Includes 16 students receiving a Verification Statement only

TABLE: Diversity Enrollments by Degree Level for HBCU Colleges, Programs in Puerto Rico and Tribal Programs, 2021*

	All students	Female	Male	Other/ Nonbinary	White	Underrepresented Minorities	Unable to Report Ethnic Origin
	n(%)						
Coordinated Program							
Undergraduate	42	37 (88.09)	5 (11.90)	0 (0.0)	4 (9.52)	38 (90.48)	0 (0.0)
Graduate	No programs						
Dietetic Internship							
Verification Statement Only**	88	82 (93.18)	6 (6.82)	0 (0.0)	28 (31.82)	55 (62.5)	5 (5.68)
Graduate	No programs						
Didactic Program in Dietetics							
Undergraduate	260	216 (83.08)	44 (16.92)	0 (0.0)	31 (11.92)	228 (87.69)	1 (0.38)
Verification Statement Only	21	17 (80.95)	4 (19.05)	0 (0.0)	6 (28.57)	15 (71.43)	0 (0.0)
Graduate	No programs						

* No Graduate Programs (GP) under the Future Education Model Accreditation Standards currently with enrolled students; no Diet Technician (DT) programs under the 2017 Accreditation Standards. Sample sizes are too small for statistical analyses.

** Includes 1 program sponsored by Indian Health Service

TABLE: Diversity of Students that Graduated in 2021 by Program Type

	All students	Female	Male	Other/ Nonbinary	White	Underrepresented Minorities	Unable to Report Ethnic Origin
	n(%)						
<i>Coordinated Program</i>	841	759 (90.2)	81 (9.6)	1 (0.1)	598 (71.1)	226 (26.9)	17 (2.0)
<i>Graduate Program (FEM)</i>	204	189 (92.7)	15 (7.4)	0 (0)	157 (76.9)	45 (22.1)	2 (1.0)
<i>International IDE.FDE</i>	124	84 (67.7)	40 (32.3)	0 (0)	22 (17.7)	96 (77.4)	6 (4.8)
<i>Dietetic Internship</i>	3413	3098 (90.8)	304 (8.9)	11 (0.3)	2380 (69.7)	898 (26.3)	135 (4.0)
<i>Didactic Program in Dietetics</i>	4971	4333 (87.2)	598 (12.0)	40 (0.8)	3099 (62.3)	1718 (34.6)	154 (3.1)
<i>Dietetic Technician</i>	128	110 (85.9)	18 (14.1)	0 (0)	80 (62.5)	45 (35.2)	3 (2.3)

Summary of Credentialing Exam Pass Rate by Program Type and by Supervised Practice (SP)/Supervised Experiential Learning (SEL), 2021

Table Summary: (Table found on following page)

DI programs where interns identify all their supervised practice sites had lower 2021 one year of first attempt pass rate (50.4%) than DI programs where the program identifies all (66.6%) or some of the rotations (62.4%). In addition, DI programs where interns identify all their supervised practice sites had lower 2019-2021 three-year average pass rate (87.2%) compared to DI programs where the program identifies all of the interns' rotations (92.3%). Statistical analysis could not be performed with FEM-GPs due to small numbers of programs with graduates who took the RDN exam in each of the groups (<10 programs in each group).

Results of Statistical Analysis:

Dietetic Internship: All intern identified significantly different from all program identified SP ($P=0.02$) and some intern identified SP ($P=.04$) for the 2021 One Year of First Attempt; All intern identified significantly different from all program identified SP ($P=0.04$) for the 2019-2021 three-year average pass rate.

TABLE: Summary of Credentialing Exam Pass Rate by Program Type and by Supervised Practice (SP)/Supervised Experiential Learning (SEL), 2021

	2017 Accreditation Standards						Future Education Model Standards			
	Didactic Program in Dietetics (DPD)		Dietetic Internship (DI)			Coordinated Program (CP)		Graduate Program (GP**)		
	Distance	Onsite	All Program Identified SP	Some Intern Identified SP	All Intern Identified SP	All Program Identified SP	Some Student Identified SP	All Program Identified SP	Some Student Identified SP	All Student Identified SP
Number of Programs	7	204	121	114	24	34	25	28	19	3
Total 2021 Enrollment	654	9701	1588	1909	442	886	817	519	254	39
Total 2021 Graduates	353	4618	1219	1702	492	412	429	134	54	16
Mean Number of Supervised Practice/Experiential Learning Hours	No supervised practice hours required		1219	1219	1153	1135	1097	1143	1119	1242
Mean Number of Alternate Supervised Practice/Experiential			134	137	189	180	141	210	154	367
2021-First time Pass Rate										
Examinees	187	3120	1167	1677	383	370	306	141	33	Insufficient data available [†]
Number Passed	126	1918	777	1046	193	269	192	118	24	
Percent Passed	67.4	61.5	66.6	62.4	50.4	72.7	62.8	83.7	72.7	
2021-One Year of First Attempt										
Examinees	187	3257	1239	1739	347	392	307	42	9	Data not available [†]
Number Passed	172	2918	1155	1542	301	364	274	41	9	
Percent Passed	92.0	89.6	***93.2	88.7	86.7	92.9	89.3	97.6	100	
2019-2021 Three Year average										
Examinees	656	10146	3793	5025	1047	1325	1113	Three-year average data not available [†]		
Number Passed	586	9150	3525	4492	913	1207	960			
Percent Passed	89.3	90.2	***92.3	89.4	87.2	91.1	86.3			

*Programs offer both options of non-degree/bachelor's and graduate. Data does not specify option completed

**Graduate Program (GP) is also known as Future Graduate (FG) Program; statistical analysis cannot be performed due to small numbers of programs with graduates who took the RDN exam (<10 programs in each group)

***Differences are statistically significant

[†]Unable to report because data available for one program only; program graduates have not completed the one-year post credentialing exam

[‡]New programs; only 2 years of pass rate data available

ACEND Outcome Objectives by Program Type by Supervised Practice (SP)/Supervised Experiential Learning (SEL) 2021; Outcomes for DPD Are Divided by Course Delivery Mode (Distance versus Onsite).

Table Summary: (Table found on following page)

DI programs where the program identifies all the supervised practice rotation sites had significantly higher program outcomes compared to DI programs where interns identify all or some of their own rotation sites. The differences were significant for all ACEND program outcomes shown in the Table on the following page. Statistical analysis could not be performed with FEM-GPs due to small numbers of programs with graduates who took the RDN exam in each of the groups (<10 programs in each group).

Results of Statistical Analysis:

Dietetic Internship:

- All program identified SP significantly different from all intern identified SP (P=0.05) and some intern identified SP (P=0.01) for the total number of program graduates
- All program identified SP significantly different from all intern identified SP (P=0.004) and some intern identified SP (P=.03) for the mean percent of graduates who found jobs in dietetics within 12 months of graduating
- All program identified SP significantly different from some intern identified SP for the mean percent of graduates who found jobs outside dietetics within 12 months of graduating (P=0.03), and for the mean percent of all other graduates (P=0.02)
- All program identified SP significantly different from all intern identified SP (P=0.002) and some intern identified SP (P=0.01) for the mean percent of graduates who completed the program on time (within 150% of program length)
- All program identified SP significantly different from all intern identified SP (P=0.003) and some intern identified SP (P=0.01) for the mean percent of graduates who took the RDN exam within 12 months of graduating

TABLE: ACEND Outcome Objectives by Program Type by Supervised Practice (SP)/Supervised Experiential Learning (SEL) 2021; Outcomes for DPD Are Divided by Course Delivery Mode (Distance versus Onsite).

Outcome Measures	2017 Accreditation Standards						Future Education Model Standards			
	Didactic Program in Dietetics (DPD)		Dietetic Internship (DI)			Coordinated Program (CP)		Graduate Program (GP*)		
	Distance	Onsite	All Program Identified SP	Some Intern Identified SP	All Intern Identified SP	All Program Identified SP	Some Student Identified SP	All Program Identified SP	Some Student Identified SP	All Student Identified SP
Number of Programs	7	204	121	114	24	34	25	28	19	3
Total Number of Graduates	254	4952	**1301	1755	398	448	335	56	17	10
Average class size (number of graduates per program)	36	24	11	15	17	13	13	N/A	N/A	N/A
Mean percent of graduates who completed the program on time (150%)	97%	92%	**98%	98%	93%	94%	91%	100%	100%	100%
Mean percent of graduates who took the RDN exam within 12 months	N/A	N/A	**96%	94%	89%	92%	88%	93%	100%	100%
Mean percent of graduates who found jobs in dietetics within 12 months	N/A	N/A	**86%	83%	79%	72%	75%	90%	94%	100%
Mean percent of graduates who found jobs outside dietetics within 12 months	N/A	N/A	**2%	4%	4%	4%	2%	10%	0%	0%
Mean percent of graduates who want jobs and are still seeking employment	N/A	N/A	3%	2%	2%	2%	3%	0%	0%	0%
Mean percent of all other graduates	N/A	N/A	**8%	11%	16%	22%	19%	0%	6%	0%

*Graduate Program (GP) is also known as Future Graduate (FG) Program; not able to calculate average class size because not all programs graduated students; statistical analysis cannot be performed due to small numbers of programs with graduates (<10 programs in each group)

**Differences statistically significant

ACEND Outcome Objectives for Didactic Programs in Dietetics (DPD) Only Divided by Course Delivery Mode (Distance versus Onsite) (n=213 programs), 2021*

Table Summary: (Table follows)

Distance programs had more positive outcomes compared to onsite programs for the percent of graduates who applied to SP within 12 months of graduation (72% versus 64%) and the percent of graduates who were admitted to SP within 12 months of graduation (67% versus 60%).

Results of Statistical Analysis:

Distance programs significantly different from onsite programs on percent of graduates who applied to SP within 12 months of graduation (P=0.024) and percent of graduates who were admitted to SP within 12 months of graduation (P=0.026).

TABLE: ACEND Outcome Objectives for Didactic Programs in Dietetics (DPD) Only Divided by Course Delivery Mode (Distance versus Onsite) (n=213 programs), 2021 Data*

DPD Programs	Graduates who applied to supervised practice (SP)			Graduates who are not in supervised practice (SP)				All Others
	Graduates who applied to SP within 12 months	Graduates who were admitted into SP	Graduates who were not admitted into SP	Graduates who are not in SP nor employed, and are pursuing further education	Graduates who are not in SP and both found a job within 12 months of program completion and are also pursuing further education	Graduates who are not in SP and are not pursuing further education who found a job in dietetics within 12 months of program completion	Graduates who are not in SP and are not pursuing further education who found a job outside dietetics within 12 months of program completion	All other graduates
	<i>Mean percent</i>							
Onsite Programs (n=204)	64%	60%	5%	8%	3%	8%	6%	16%
Distance Programs (n=7)	**72%	**67%	6%	9%	1%	2%	2%	20%

*Numbers may not add to 100% due to rounding; graduates who were not admitted to SP (4%) are counted again under "Graduates who are not in SP".

**Distance programs significantly different from onsite programs on percent of graduates who applied to SP within 12 months of graduation (P=0.024) and percent of graduates who were admitted to SP within 12 months of graduation (P=0.026).