Carroll Community College Westminster, Maryland

# Institutional Effectiveness Assessment Report



## **Board of Trustees**

December 15, 2021

KEY:

V	Meets or exceeds benchmark
	Below benchmark and not improving
$\uparrow$	Below benchmark, but improved this year

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## Institutional Effectiveness Measures Highlights – 2021

#### Summary by Benchmark Attainment

#### **Below the Benchmark**

Most Institutional Effectiveness indicators that are below the benchmark signal the continuing effect of COVID, including:

- Nearly all enrollment measures failed to meet the benchmark
- Indictors related to transitional coursework dipped, which likely reflect changes in placement testing, leading to a smaller and more educationally at-risk group of transitional students
  - Transitional Math enrollment in the first year
  - Pass rates of the English ALP remedial course and Transitional Math
  - Transitional program completion rate (a four-year cohort of students who began at Carroll in Fall 2016)
- Part-time student market share increased, and is less than 1% below benchmark (improving over last year)
- Tuition and fees compared to USM average are closer to the benchmark this year, following a trend toward approaching the benchmark.

### **Exceeds the Benchmark**

- Retention, graduation, and transfer indicators all remain strong
- First-time student market share increased to be above the benchmark
- Some transitional coursework indicators exceed the benchmarks, including successful transition to credit Math and completion of co-requisite English 101
- CET showed some remarkable growth in difficult times for the MILLER Center
- The campus remains very safe, with no serious incidents reported
- Paramedic (NRP/EMS) licensure exam pass rate improved and exceeds the benchmark
- First year transfer out students in good standing (GPA above 2.0 at four-year institutions) remains strong

### **College Mission**

## Empowering learners. Changing lives. Building community.

Carroll Community College provides accessible, high-quality educational opportunities to advance careers, enrich lives, and strengthen the community we serve.

#### **Mission Goals**

One way the College assesses its overall institutional effectiveness is by monitoring the achievement of the mission goals in its Mission Statement.

#### Institutional Effectiveness Assessment Measures

For each of the mission goals, the College has identified quantitative measures to assess their accomplishment. Institutional Effectiveness Assessment Measures were initially developed by the Planning Advisory Council and approved by the President and Board of Trustees in 1999; they were revised in 2003, 2008, 2012, 2015, 2016, 2017, 2018, and 2019. The Board of Trustees reviews a report on the measures every December. The report is shared with the Board of County Commissioners and posted to the College website for public access.

#### Benchmarks

After reviews of national, state, and peer college data, examination of data trends, and discussions with the Planning Advisory Council, the College president established benchmarks for each assessment measure. For measures that are also indicators in the state-mandated Performance Accountability Report, the Board of Trustees also approved the benchmarks.

#### **Application of Assessment Findings**

The Planning Advisory Council reviews the Institutional Effectiveness Assessment Report in February. Measures that are below benchmark values and not improving are identified for further analysis (in gold in the following charts). The analysis informs development of new strategic initiatives and guides planning in a continuing assessment  $\rightarrow$  planning  $\rightarrow$  action  $\rightarrow$  assessment cycle.

1	Annual Unduplicated Headcount					
Annual total unduplicated headcount of students enrolled in credit and noncredit courses, reported						
by fiscal y	ear.					
Benchm	nark	FY2017	FY2018	FY2019	FY2020	FY2021
10,63	5	11,842	11,288	10,756	9,177	7,183
<b>v</b> = Achie	eved	٧	٧	V		

2		FTE Enrollment						
Annual tota	Annual total full-time-equivalent (FTE) student enrollment including credit and noncredit courses,							
reported by	fisca	l year. Benchmar	k is enrollment as	sumption of oper	ating budget.			
Benchmar	ſk	FY2017	FY2018	FY2019	FY2020	FY2021		
Budget amo	unt	2,724	2,545	2,472	2,361	2,201		
<b>v</b> = Achieve	ed			V				
Budgeted F	TE	2,856	2,663	2,399	2,410	2,815		

3	First-time Full-time Market Share						
Percent of Carroll County residents attending Maryland colleges and universities as first-time full-time undergraduates, attending Carroll Community College.							
Bench						Fall 2020	
45	<b>45%</b> 45.7% 44.0% 41.2% 44.6% 47.9%						
<b>√</b> = Ach	ieved	V				V	

4		Part-time Market Share						
Percent	Percent of Carroll County residents attending Maryland colleges and universities as part-time							
undergr	aduates,	attending Carroll	Community Colle	ege.				
Bench	mark	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020		
70	%	68.5%	66.8%	66.7%	69.1%	69.4%		
<b>√</b> = Ach	ieved					$\uparrow$		

5	High School Graduate Enrollment Rate					
Percent of Carroll County public high school graduates attending Carroll Community College in the fall semester following their high school graduation.						
Bench	mark	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
23	%	20.1%	22.4%	22.1%	22.8%	19.8%
<b>√</b> = Acł	ieved	V				

6	Applicant Yield Rate						
Percent	Percent of fall applicants enrolled in credit classes as reported in the Applicant-to-Enrollment Yield						
Rate Re	port prep	bared by Student	Affairs.				
Bench	mark	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021	
65	%	54.7%	65.2%	66.5%	56.3%	59.0%	
<b>√</b> = Acł	nieved		٧	V			
Applic	cants	1,544	1,527	1,799	1,634	1,513	

7	Tuition and Fees Compared to USM Average						
	In-county, credit student tuition and fees as a percent of the average for the University System of						
Marylan	d; as rep	orted in MHEC Pe	erformance Accou	untability Report.			
Bench	mark	FY2017	FY2018	FY2019	FY2020	FY2021	
≤50	1%	53.2%	52.7%	54.5%	53.3%%	52.8%	
<b>√</b> = Ach	ieved					$\uparrow$	

8	Annual Percent Change in Tuition and Fees						
Annual p	Annual percent change in (in-county) tuition and fee costs. Indicator includes mandatory fees. Source						
is MACC	Databo	ok tuition and fee	costs for full-time	e students.			
Benchmark FY2018 FY2019 FY2020		FY2021	FY2022				
≤49	%	1.5%	5.7%	0.0%	0.0%	0.0%	
<b>√</b> = Ach	ieved	V		V	V	٧	
Tuition	/hour	\$134	\$136	\$136	\$136	\$136	
Consolida	ted fee	20%	25%	25%	25%	25%	

9	Student Perception of Institutional Financial Support						
How mu	How much does the College provide the financial support you need to afford your education?						
Bench	mark	2012	2014	2017	2019	2021	
609	%	46.8%	43.0%	58.6%	61.6%	77.6%	
<b>√</b> = Achie	eved				V	V	

## **Mission Goal 1: Career Education**

Provides associate degree programs, career and credentialing preparation, job skill enhancement, continuing professional education, and career resources and support to strengthen the regional workforce.

10		Career Program Graduate Employment within 1 year					
who we	Percentage of credit career program associate degree and certificate Maryland residential graduates who were employed in Maryland in the year after graduation. (Provided by the Maryland Longitudinal Data System and reported on the Performance Accountability Indicators.)						
Bench	mark	Class of 2016	Class of 2016	Class of 2017	Class of 2018	Class of 2019	
88	88% N/A 88.4% 86.1% 86.9% 85.7%						
<b>√</b> = Acł	nieved		V				

11		Licensure Examination Pass Rates							
Percent	Percent of Carroll program completers passing licensure examinations on their first attempt,								
separate	ly repor	ted for each exan	n: Licensed Praction	cal Nursing, Regist	tered Nursing, Ph	ysical Therapist			
Assistan	t, Emerg	ency Medical Serv	vices.						
Bench	mark	2016	2017	2018	2019	2020			
LPN =	90%	100%	100%	100%	92%	100%			
<b>√</b> = Ach	ieved	٧	V	V	V	٧			
RN = 9	90%	84%	84%	91%	92%	97%			
<b>√</b> = Ach	ieved			V	V	٧			
PTA =	90%	93%	100%	100%	96%	100%			
<b>√</b> = Ach	ieved	٧	V	V	V	V			
NRP =	NRP = 80% 0% 80% 69% 71% 86%								
<b>v</b> = Ach	ieved		V			V			

12	Enrollment in Noncredit Workforce Development Courses							
Course enrollments in Continuing Education and Training noncredit open-enrollment workforce development and contract training courses each fiscal year, as reported in MHEC Performance Accountability Report.								
Benchmark	FY2017	FY2018	FY2019	FY2020	FY2021			
<b>7,500</b> 7,610 7,543 7,038 4,830 3,912								
<b>v</b> = Achieved								

13	(	Continuing Education Licensure/Certification Enrollment						
Annual u	Annual unduplicated headcount and course enrollments in CET Continuing Education Licensure and							
Certifica	tion classes	, as reported in	n MHEC Performa	ince Accountabilit	y Report.			
Benc	hmark	FY2017	FY2018	FY2019	FY2020	FY2021		
Headcou	int = 2,500	2,573	2,522	2,287	1,709	1,385		
<b>v</b> = A	chieved	V	٧					
Enrolle	d = 3,600	3,783	3,655	3,572	2,632	2,040		
<b>v</b> = A	chieved	V	V					

14	Continuing Education Completers
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Number of students successfully completing Continuing Education Completer programs comprised of a course or a series of courses leading to licensure or certification, employment, or both, and reported according to MCCACET guidelines and best practices.

Benchmark	FY2016	FY2017	FY2018	FY2019	FY2020
400	356	385	344	225	237
<b>√</b> = Achieved					

15		Continuing Education Workforce Certificate Completion Rate						
Percent	Percent of students successfully completing CET structured workforce training certificate programs							
(with a r	equired	sequence of cour	ses and capstone	assessment) with	in two years.			
Bench	mark	FY2016	FY2017	FY2018	FY2019	FY2020		
80	<b>80%</b> 82.9% 94.1% 86.4% 86.1% 72.6%							
<b>√</b> = Ach	ieved	V	V	V	V			

16		Career Counseling Services Use										
data coll attendin	Number of students receiving career planning and development services during the fiscal year; from data collected by the Career Development Center; includes students meeting with a career counselor, attending a workshop, attending a career fair or event, or participating in a career exploration or planning classroom activity.											
Bench	mark	FY2017	FY2018	FY2019	FY2020	FY2021						
1,0	<b>000</b> 1,424 1,262 1,136 1,020 558											
<b>v</b> = Ach	ieved	V	V	V								

17		Student Employment						
Percent	Percent of allocated work study funds used for student employment, from Financial Aid records.							
Bench	mark	FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21		
100	<b>10%</b> 70% 86% 100% 100% 100%							
<b>√</b> = Ach	nieved			v	v	٧		

### **Mission Goal 2: Academic Proficiency and Transfer Preparation**

Supports student attainment of essential skills in general education and prepares students for transfer to earn degrees beyond the associate.

18	First-year Transfers in Good Standing							
Percent	Percent of Carroll transfers with cumulative grade point averages of 2.0 and above after one year at							
Marylan	d public	four-year institut	ions.					
Bench	mark	2015-16	2018-19	2019-20	2019-20	2020-21		
85	%	90.4%	90.9%	88.3%	88.3%	93%		
<b>v</b> = Ach	$\mathbf{V}$ = Achieved $\mathbf{V}$ $\mathbf{V}$ $\mathbf{V}$ $\mathbf{V}$ $\mathbf{V}$ $\mathbf{V}$							
State	wide	<i>i</i> de 85.7% 84.5% 85.0% 85.0% 85.0%						

MHEC did not provide these data in 2016-17 and 2017-18

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#### Graduate Satisfaction with Transfer Preparation

Percent of Carroll transfers rating their preparation for transfer very good or good on a five-point scale, from statewide graduate follow-up surveys; as reported in MHEC Performance Accountability Report.

Benchmark	Class of 2008	Class of 2011	Class of 2014	Class of 2016	Class of 2018
80%	73%	77%	80%	85%	87%
<b>v</b> = Achieved			٧	V	V
Statewide	79%	82%	79%	85%	N/A

#### **Mission Goal 3: Business and Economic Development**

Delivers training and essential services to businesses and entrepreneurs and creates and sustains strategic community partnerships to support business and economic development.

21		Contract Training Student Headcount						
Annual ι	Annual unduplicated headcount of workforce development students served through contract training							
arrangei	ments, a	s reported in MH	EC Performance A	ccountability Rep	ort.			
Bench	mark	FY2017	FY2018	FY2019	FY2020	FY2021		
2,7	<b>2,750</b> 2,420 2,546 2,721 1,433 906							
<b>√</b> = Acł	V = Achieved							

22	MILLER Resources for Entrepreneurs							
Fiscal yea	Fiscal year enrollments in courses and conferences offered by MILLER Resources for Entrepreneurs;							
number	of client	sessions; number	r of new business	start-ups.				
Benchi	mark	FY2017	FY2018	FY2019	FY2020	FY2021		
Enrolled	l = 200	227	344	238	293	247		
<b>√</b> = Ach	ieved	٧	٧	V	√	V		
Startup	s = 15	10	20	33	35	34		
<b>√</b> = Ach	ieved		V	V	√	V		

## **Mission Goal 4: Student Learning Support**

Empowers students to define and achieve their educational and career goals, while offering individualized academic support services to enhance academic progress, educational transitions and program completion.

23	Adult Education Unduplicated Student Headcounts						
Annual number of students served through the College's Adult Education program, including GED seekers and English for Speakers of Other Languages (ESOL) students.							
Benchmark FY2017		FY2017	FY2018	FY2019	FY2020	FY2021	
GED =	150	156	131	133	107	123	
<b>√</b> = Achi	ieved	V				$\uparrow$	
ESOL =	200	197	198	209	222	158	
<b>v</b> = Achi	ieved			V	V		

24		Transitional Course Enrollment within First Year						
Percent of first-time fall students beginning prescribed transitional coursework within one year.								
Bei	nchmark	FA2016	FA2017	FA2018	FA2019	FA2020		
		Cohort	Cohort	Cohort	Cohort	Cohort		
Englis	h ALP = 90%		83.1%	93.7%	96.0%	100%		
<b>v</b> = Achieved				V	V	V		
Mathe	matics = 90%	88.6%	88.8%	86.6%	78.1%	71.9%		
<b>v</b> =	= Achieved							

High school GPA placement began for English in Fall 2018 and Math in Fall 2019

25	Transitional Course Success Rates						
Percent of	Percent of fall enrollees in Transitional English and Mathematics earning grades C or above.						
Benc	hmark	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020	
Reading/W	Vriting = 70%	67.2%	75.2%	62.2%	80.0%	71.4%	
<b>v</b> = A	chieved		V		V	v	
English	ALP = 70%			70.9%	69.3%	61.9%	
<b>v</b> = A	chieved			V			
Mathematics = 60%		51.5%	51.6%	62.0%	64.2%	58.3%	
<b>v</b> = Achieved				V	V		

The English Accelerated Learning Pathway began in the Fall of 2018

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#### **Transitional Program Completion Rate**

Percent of fall, first-time cohort needing developmental coursework who completed all recommended developmental courses within four years of entry; from MHEC Performance Accountability Report, Degree Progress Analysis, approved by the Board each year in September.

Benchmark	2012 Cohort	2013 Cohort	2014 Cohort	2015 Cohort	2016 Cohort
60%	59.3%	61.6%	56.9%	51.0%	50.6%
<b>v</b> = Achieved		V			
Cohort Size	648	610	527	541	542

27	Successful Transition to Credit Mathematics Courses						
Percent of fall students successfully completing a highest-level transitional Math course who attempt and pass (grade C or above) a college-level Math course within one year.							
Bench	mark	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2020	
60	<b>60%</b> 63.4% 58.0% 57.9% 63.0% 77.1%						
<b>√</b> = Ach	v = Achieved v v v						

28		Successful Completion of Co-requisite Credit English Courses					
Percent	Percent of fall students enrolled in English ALP sections successfully completing their co-requisite						
English 1	English 101 course (grade C or above).						
Bench	mark	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020	
60	%	N/A	N/A	N/A	69.6%	63.1%	
<b>√</b> = Acł	nieved				V	V	
# ENGL ALF	# ENGL ALP Sections 18 13						

29		Student Effort—Hours per Week Preparing for Class						
Indicato	Student survey question: "How many hours do you spend in a typical week preparing for class?" Indicator reports percent of students responding more than 10 hours per week; reported separately for full- and part-time students.							
-	Benchmark 2012 2014 2017 2019 2021				2021			
Full-tir	ne = 40%	30.1%	42.6%	49.2%	47.9%	61.4		
<b>v</b> = A	chieved		V	V	V	V		
Part-ti	me = 25%	17.5%	32.6%	37.2%	31.3%	39.2%		
<b>v</b> = A	V = Achieved V V V V					V		

30	Student Perception of Institutional Learning Support							
How mu	How much does the college provide the learning support you need to succeed at this college?							
Bench	Benchmark 2012 2014 2017 2019 202				2021			
80	<b>80%</b> 78.1%		77.0%	84.4%	85.2%	91.9%		
<b>√</b> = Acł	nieved			V	V	٧		

## Mission Goal 5: Diversity, Equity, and Inclusion

Fosters campus and civic engagement and a sense of belonging, by providing a safe learning environment that models respect, acceptance, inclusion, and empathy towards diverse ways of thinking and being.

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#### **Student Perception of College Commitment to Diversity**

Percent of students agreeing that the College provides opportunities to learn about multicultural perspectives and issues; from College's student satisfaction surveys; top 3 ratings on five-point scale.

	, 0		1 1	1 0	
Benchmark	N/A	N/A	N/A	Spring 2019	Spring 2021
In class = 85%				84%	95.3%
<b>√</b> = Achieved					٧
Out-of-class = 85%				83%	95.1%
<b>√</b> = Achieved					٧

32	Student Perception of Climate of Inclusion on Campus						
Percent of students agreeing that the College creates an atmosphere of inclusion for all members of the College community; from student satisfaction surveys.							
the Colle	ege com	munity; from stud	lent satisfaction s	urveys.			
Bench	mark	Spring 2013	Spring 2015	Spring 2017	Spring 2019	Spring 2021	
909	<b>90%</b> 97% 95% 94% 95% 92%						
<b>√</b> = Ach	hieved V V V V V						

33		Employee Perception of College Commitment to Diversity						
Percent	Percent of employees agreeing that the College provides the education, resources, training, and							
personn	personnel necessary to support its commitment to diversity; from employee satisfaction surveys							
conduct	ed by In	stitutional Resear	ch.					
Bench	mark	Spring 2013	Spring 2015	Spring 2017	Spring 2019	Spring 2021		
90	<b>90%</b> 94% 95% 91% N/A 97%							
V = Acł	V = Achieved V V V V							

Г

In 2019, the Employee Survey administered was the Great Colleges to Work For national survey, therefore there is not a 2019 survey result to compare on this measure.

34		Employee Perception of Climate of Inclusion on Campus				
Percent of employees agreeing that the College creates an atmosphere of inclusion for all members of the College community; from employee satisfaction surveys; top 3 ratings on five-point scale.						
Bench	mark	Spring 2013	Spring 2015	Spring 2017	Spring 2019	Spring 2021
90	%	94%	93%	93%	N/A	94%
<b>√</b> = Acł	ieved V V V V					

In 2019, the Employee Survey administered was the Great Colleges to Work For national survey, therefore there is not a 2019 survey result to compare on this measure.

35		Campus Safety				
Campus	Campus crime statistics as reported in compliance with the Jeanne Clery Disclosure of Campus					
Security	Policy a	nd Campus Crime	Statistics Act. Nu	mber reflects crin	nes committed or	n campus.
Disciplin	Disciplinary actions and larceny are not included in this measure.					
Bench	mark	2016	2017	2018	2019	2020
0	<b>0</b> 0 0 0 0 0					
<b>√</b> = Ach	nieved	V	V	V	V	٧

### **Mission Goal 6: Personal and Community Enrichment**

Provides personal and community enrichment through lifelong learning opportunities, creative and cultural arts, athletics, student organizations, and special events.

36		Summer Youth Course Enrollment				
Number	Number of enrollments in courses offered by Continuing Education and Training for youth, including					
Summer	Kids@Carro	ll and Teen Colle	ege; reported for	calendar year.		
Bene	chmark	2017	2018	2019	2020	2021
Headco	ount = 725	842	834	732	78	154
<b>v</b> = A	chieved	V	V	٧		$\uparrow$
Enrolle	ed = 1,500	1,840	1,790	1,551	120	189
<b>v</b> = A	chieved	V	V	V		$\uparrow$

37		Adult Personal Enrichment Enrollment				
Number	of enrollme	ents and unduplic	cated annual hea	dcount in Adult F	Personal Enrichm	ent courses
offered	by Continuii	ng Education and	Training. Include	es enrollments in	senior centers; e	excludes Adult
Educatio	on Program	and enrollments	in youth-targete	d programs.		
Benc	hmark FY2017 FY2018 FY2019 FY2020 FY2021				FY2021	
Headcou	unt = 1,250	1,326	1,252	1,151	824	421
<b>v</b> = A	chieved	√	V			
Enrolle	d = 2,500	2,588	2,414	2,289	2,117	626
<b>v</b> = A	chieved	V				

38		Adult Personal Enrichment Student Repeat Rate					
	Percent of CET Adult Personal Enrichment students in a fiscal year taking a course in the following fiscal year.						
	Benchmark FY16-17 FY17-18 FY18-19 FY19-20 FY20-21				FY20-21		
30	%	37.2%	35.3%	33.9%	23.2%	16.1%	
<b>√</b> = Ach	ieved	V	V	V			

39	Participation in Intercollegiate Athletics					
Number	of students p	articipating in (	Carroll Lynx inter	collegiate athlet	ics.	
Benchr	marks TBD	N/A	N/A	N/A	FY2020	FY2021
X Cour	ntry - Men				7	2
X Count	ry - Women				1	1
Socce	er - Men				20	18
Soccer	- Women				-	0
Trac	k – Men				-	2
Track -	– Women				-	3
Lacros	sse - Men				-	18
Total	Athletes				28	44

40		Learning Beyond the Classroom				
Percent	of students particip	pating in learnir	ng activities out	side the classro	om, including A	reas of Study
activitie	s; Service; and Club	s, Intramurals,	or Off-campus I	Non-academic 1	Trips. Benchmar	ks are
percent	of unduplicated an	nual credit hea	dcount enrollm	ent.		
В	enchmarks	FY2017	FY2018	FY2019	FY2020	FY2021
Area c	of Study activities					
15%	6 of headcount			20.0%	17.0%	12.2%
٧	= Achieved			V	V	
Numb	er of participants			853	732	507
	Service					
15%	6 of headcount	13.9%	15.3%	18.8%	10.7%	2.0%
V	= Achieved		V	V		
Numb	er of participants	647	659	802	462	84

Club membership and off-	Clubs: 307	Clubs: 211	Clubs: 257	Clubs: 229	Clubs: 118
campus non-academic trips	Trips: N/A	Trips: 459	Trips: 378	Trips: 165	Trips: n/a
15% of headcount	6.6%	15.5%	14.9%	9.1%	2.8%
<b>v</b> = Achieved		V			
FY Undup.Headcount	4,659	4,314	4,256	4,304	4,145

### **Mission Goal 7: Assessment and Improvement**

Assesses college programs and services to continuously improve student outcomes and the efficient use of college financial, human, physical, and technological resources.

41	Credit Course Success Rate				
-	Percent of degree-credit course enrollees as of the official enrollment date who earn final course grades of C or above. Source is National Community College Benchmark Project (NCCBP) form 7.				
Benchmark	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
75%	79.7%	80.5%	79.8%	80.9%	80.4%
<b>√</b> = Achieved	V	V	v	V	V
NCCBP Median	77.3%	78.2%	78.8%	78.9%	N/A*
NCCBP Percentile	70.0%	69.0%	59.0%	68. %	N/A*

\*NCCBP median and percentile is not yet available

42		Fall-to-Spring Retention Rates				
Percent c	Percent of first-time fall cohort enrolling in subsequent spring term; reported separately for full-time					
and part-	time stude	nts.				
Benc	hmark	2016-17	2017-18	2018-19	2019-20	2020-21
Full-tim	ne = 85%	84.6%	86.9%	85.5%	86.0%	83.1%
<b>v</b> = Ac	chieved		V	V	V	
Part-tin	ne = 65%	67.1%	67.3%	65.8%	63.8%	69.4%
<b>v</b> = Ac	chieved	V	V	V		v

43		Four-year Associate Degree Completion Rate				
Percent	of fall, first-	time cohort attei	mpting 18 hours	during first two y	ears, who gradu	ated from
Carroll w	vith an Asso	ciate Degree witl	nin four years. So	ource is the Degre	e Progress Analy	sis, part of the
Annual F	Performance	e Accountability F	Report approved	by the Board ead	h year in Septem	nber.
Benc	hmark	2012 Cohort	2013 Cohort	2014 Cohort	2015 Cohort	2016 Cohort
3	5%	40.1%	39.3%	42.1%	37.9%	42.5%
<b>v</b> = A	chieved	V	٧	<b>v</b>	٧	٧
Co	hort	646	610	553	604	543

44	Graduation-Transfer Rate

Percent of fall, first-time cohort attempting 18 hours during first two years, who graduated from Carroll or transferred, measured four years after entry. Source is the Degree Progress Analysis, part of the Annual Performance Accountability Report approved by the Board each year in September.

Benchmark	2012 Cohort	2013 Cohort	2014 Cohort	2015 Cohort	2016 Cohort
60%	55.3%	58.7%	61.8%	60.3%	61.0%
<b>v</b> = Achieved			V	V	V

45		Successful-Persister Rate							
Percent of fall, first-time cohort attempting 18 hours during first two years, who graduated, transferred, earned at least 30 credit hours with a cumulative grade point average ≥2.0, or were still enrolled four years after entry. Source is the Degree Progress Analysis, part of the Annual									
	Performance Accountability Report approved by the Board each year in September.Benchmark2012 Cohort2013 Cohort2014 Cohort2015 Cohort2016 Cohort								
7	′5%	75.5%	76.1%	74.9%	76.5%	73.8%			
<b>v</b> = A	chieved	V	V		V				

47	Employee Job Satisfaction								
Percent o	Percent of employees agreeing that their job meets their personal professional goals.								
Benchr	nark 2013 2015 2017 2019 2021								
90%	6	91%	87%	94%	N/A	97.6%			
<b>√</b> = Achi	ieved	٧		V		V			

In 2019, the Employee Survey conducted was the Great Colleges to Work For national survey, therefore there is not a 2019 survey result to compare on this measure.

#### College Investment in Employee Professional Development

Total annual faculty/staff development expenditures including conference attendance and job skill training, but excluding tuition reimbursement/waivers per FTE employee. Source is National Community College Benchmark (NCCBP) Project Form 20B.

Benchmark	2017	2018	2019	2020	2021		
\$500	\$920	\$853	\$809	\$460	\$211		
<b>√</b> = Achieved	V	V	V				
Expenditures	\$326,656	\$287 <i>,</i> 466	\$291,124	\$162,989	\$71,884		
NCCBP Median	\$369	\$406	\$409	\$348	N/A*		
NCCBP Percentile	84%	81%	86%	65%	N/A*		

\*NCCBP median and percentile is not yet available

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\*The cost of professional development was greatly reduced due to a wide variety of conferences moving to virtual with no or low-cost registration and no associated travel costs.

49	Enrollments per Section								
courses	Mean fall term credit course class size, excluding self-paced, internship, and independent study courses with five or fewer students. Measured at the end of term. Source is National Community College Benchmark Project (NCCBP) Form 16.								
Bei	nchmark Fall 2016 Fall 2017 Fall 2018 Fall 2019 Fall 2020								
	≤18	18.14	18.54	17.89	17.48	17.2			
<b>v</b> =	v = Achieved v v v v								
Sections	w/6+ students	560	480	459	420	450			

NCCBP Median	17.68	17.61	17.01	16.61	N/A*
NCCBP Percentile	58%	65%	65%	64%	N/A*

\*NCCBP median and percentile is not yet available

50	Teaching by Full-time Faculty								
Percent of total credit hours taught by full-time faculty in fall. Source is National Community College Benchmark Project (NCCBP) form 16.									
Ben	chmark	hmark Fall 2016 Fall 2017 Fall 2018 Fall 2019 Fall 2020							
5	50%	47.5%	54.1%	55.6%	53.1%	55.5%			
<b>v</b> = A	chieved		V	V	V	V			
NCCB	P Median	55.3%	57.8%	57.5%	58.9%	N/A*			
NCCBP	Percentile	23%	40%	44%	42%	N/A*			

\*NCCBP median and percentile is not yet available

51	Expenditure on Instruction and Academic Support								
	Percent of total educational and general operating expenditures expended on instruction and academic support.								
Benchr	mark FY2016 FY2017 FY2018 FY2019 FY2020								
55%	6	60%	59%	56%	56.2%	57.3%			
<b>√</b> = Achi									