



Voluntary
Framework of
Accountability

The VFA is the principle accountability framework for community colleges with measures defined to encompass the full breadth of the community college mission and the diversity of students' goals and educational experiences. The mission-appropriate measures determine how well community colleges are serving students; provide colleges the ability to identify problems and set goals for institutional improvement; and be properly accountable to stakeholders.

The VFA's *Public Outcomes Report* includes the data that colleges are required to report and share publicly. Listed below are the contents of this report.

SUNY Broome Community College (Binghamton, NY)

VFA Data Collection Cycle 2019

- **Overview of what is in the *VFA Public Outcomes Report***
- **Two Year Cohort (Fall Students 2016)**
 - o Two-Year Progress Measures
- **Six Year Cohort (Fall Students 2012)**
 - o Developmental Education Progress Measures
 - o Six-Year Outcomes Measures
- **Career & Technical Education (CTE)**
 - o CTE Profile
 - o CTE Credit and Non-Credit Measures, Tables
 - o CTE Credit Measures, Graphs
- **Adult Basic Education (ABE)**
 - o ABE Cohort
 - o ABE Outcomes

Overview of what is in the VFA Public Outcomes Report

STUDENT PROGRESS & OUTCOMES (SPO)

SPO Timeframes

The SPO measures are reported for students from two timeframes:

• TWO YEAR

Students that entered the college two years ago (Fall Students 2016) and their progress /attainment by the end of those two years

Colleges are required to report the **TWO-YEAR PROGRESS MEASURES** for the students that entered two years ago

• SIX YEAR

Students that entered the college six years ago (Fall Students 2012) and their progress and outcomes by the end of those six years

Colleges are required to report the **DEVELOPMENTAL EDUCATION** and **SIX-YEAR OUTCOMES MEASURES** for the students that entered six years ago

SPO Student Cohort Types

Colleges are also required to report the SPO measures for three types of student groups:

A. Main Cohort

Fall entering students who are first time at the reporting college

B. Credential Seeking

Students in the Main Cohort who earned 12 credits by the end of their first two years

C. First Time in College

Students in the Main Cohort who are first time in college

SPO: DEVELOPMENTAL EDUCATION PROGRESS MEASURES

Developmental Subjects: math, English, reading

- Distribution of developmental need (1, 2, or 3 levels below college level in subject)

Of the students with developmental need in a subject, the number who:

- Attempted any developmental education in subject
- Completed developmental education in subject
- Completed a college-level course in subject

Any Developmental (non-subject)

- Enrolled in any developmental
- Completed all developmental (and are college-ready)

SPO: TWO-YEAR PROGRESS MEASURES

- Retention: fall to next term
- Successful completion of credits: 1st term; by end of year two
of total credits completed with a C grade (C-, C+) or better by the cohort
- Reached credit threshold by end of year two
of students in the cohort that earned 24 credits (part-time) or 42 credits (full-time)
- Persistence/attainment: completed certificate/degree; transferred; still enrolled

SPO: SIX-YEAR OUTCOMES MEASURES (unduplicated; hierarchical)

- Completed certificate, associates, or bachelor's degree (with and without transfer)
- Transfer (no award)
- Persistence: still enrolled
- Left with > or = 30 credits; Left with < 30 credits

CAREER & TECHNICAL EDUCATION (CTE)

CTE Profile

CTE profile of the college

- CTE Enrollment (credit and non-credit); change over previous year
- CTE Completions (credit and non-credit); change over previous year

CTE Measures & Cohort

Reports on the post-collegiate outcomes of students that completed credit or non-credit CTE or had a significant CTE experience at the college

CTE student outcomes post CTE (credit and non-credit)

- Completed CTE certificate or degree
- Employed (with wage bands)
- Median wage growth of CTE students post CTE
- Enrolled post-CTE in higher education
- Passed licensure exam
- Completed industry credential(s)

ADULT BASIC EDUCATION (ABE)

Reports on the completion of ABE and post-ABE outcomes of students that took ABE at the college in a given year

- Completed ABE
- Enrolled in more education post ABE
- Gained employment post ABE

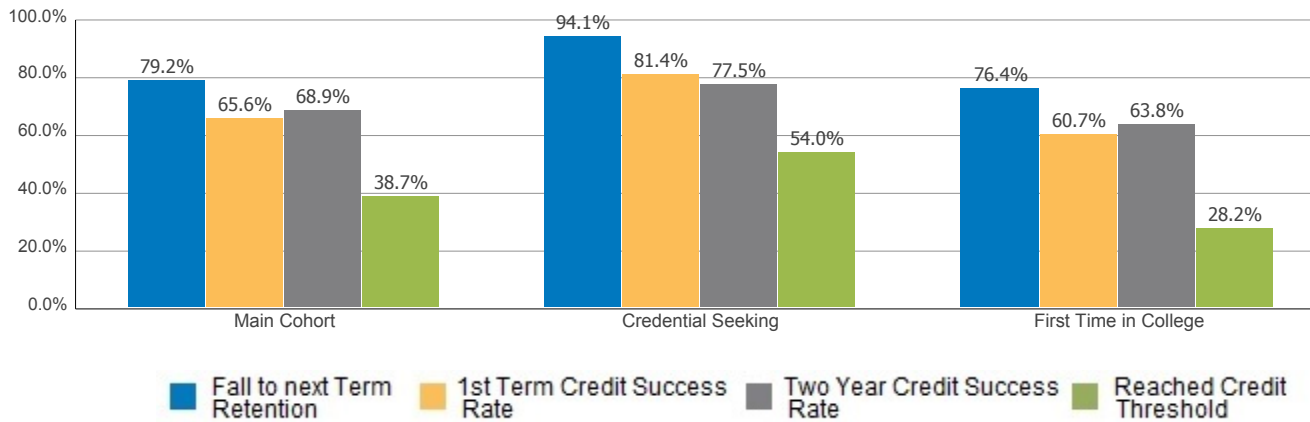
SUNY Broome Community College (Binghamton, NY)

Two Year Cohort (Fall Students 2016)

These data represent students that first entered the college in Fall Students 2016 (or summer before) and their progress by the end of their first two years.

Two-Year Progress Measures

Progress by End of Year Two by Cohort Type



Cohort Types

Different types of students

A. Main Cohort: fall entering, first time at **reporting** college; "all students"

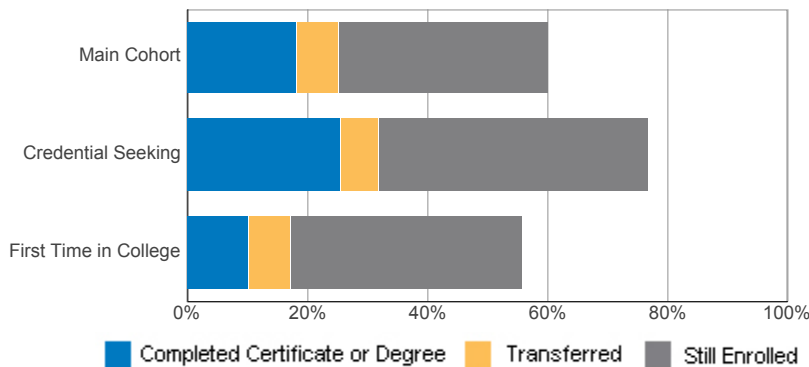
B. Credential Seeking: earned 12 credits by end of year two

C. First Time in College: fall entering, first time in college

*Students could be in more than one cohort type.

Two-Year Progress Measures

Persistence/Attainment Outcomes by End of Year Two by Cohort Type



	Two Year Cohort Count	Completed	Transferred	Still Enrolled
Main Cohort	2,143	18.1%	7.2%	35.1%
Credential Seeking	1,516	25.5%	6.3%	44.9%
First Time in College	1,605	10.1%	7.1%	38.6%

These measures report milestones along the educational pathway and persistence/attainment outcomes by the end of a student's first two years at the college.

The persistence/attainment outcomes by the end of year two provide an early indicator of the cohort's performance. These outcomes are not exhaustive and will not sum to 100% of the students in the cohort. The outcomes are:

- Unduplicated
- Hierarchical
- Achieved by the end of two years
- Credentials earned at the **reporting** college

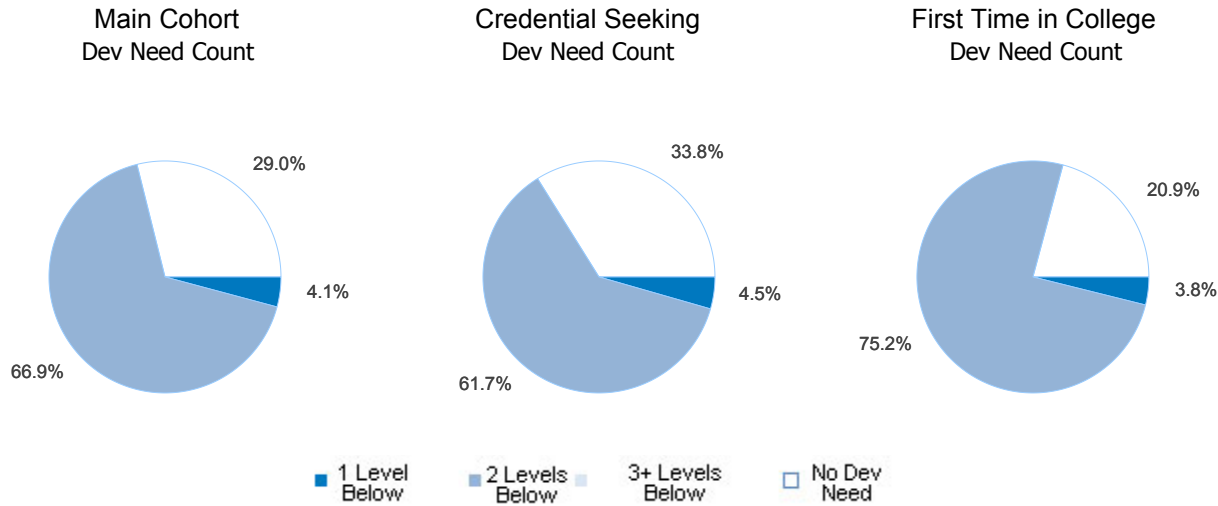
SUNY Broome Community College (Binghamton, NY)

Six Year Cohort (Fall Students 2012)

These data represent students that first entered the college in Fall Students 2012 (or summer before) and their progress and outcomes by the end of six years.

Developmental Math

Developmental Need in Math by Cohort Type



Cohort Types

Different types of students

- A. Main Cohort: fall entering, first time at **reporting** college; "all students"
- B. Credential Seeking: earned 12 credits by end of year two
- C. First Time in College: fall entering, first time in college

*Students could be in more than one cohort type.

Developmental Math Need*

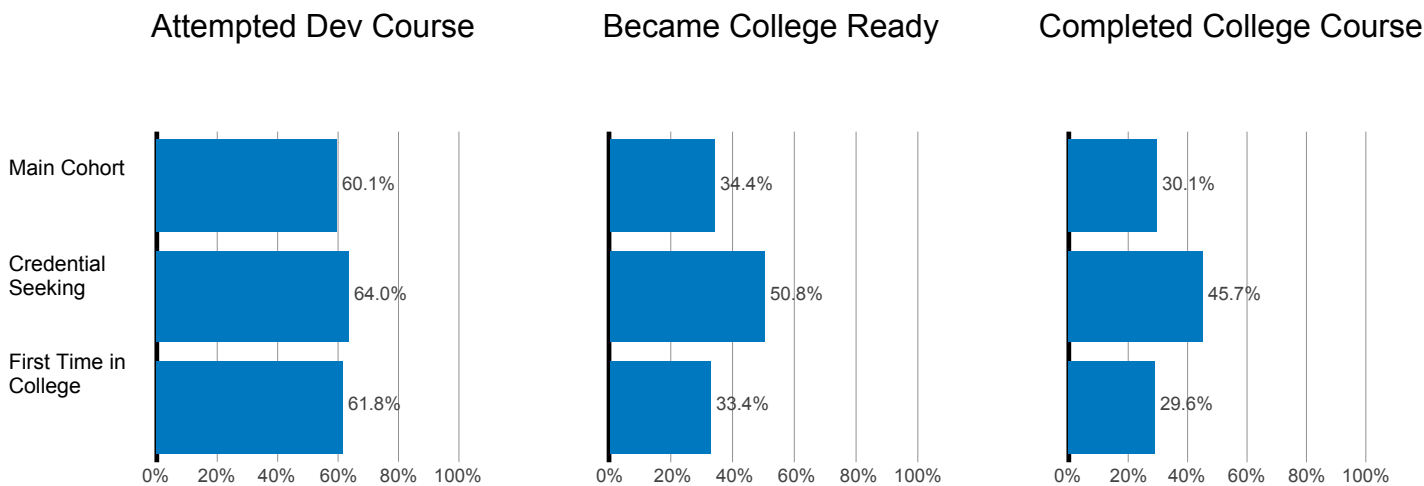
Percent of students in cohort that were referred/placed into developmental math

Developmental need is broken down further into three levels of need, below college level.

Developmental Math Need

These outcomes answer the question:
 – What percentage of students in the cohort type that needed developmental math – completed developmental math and progressed to successfully complete a college-level course in math?

Developmental Outcomes for Students Referred to Dev. Math by Cohort Type



*The method of identifying students with a developmental need is "a combination of referral and course-taking behavior".

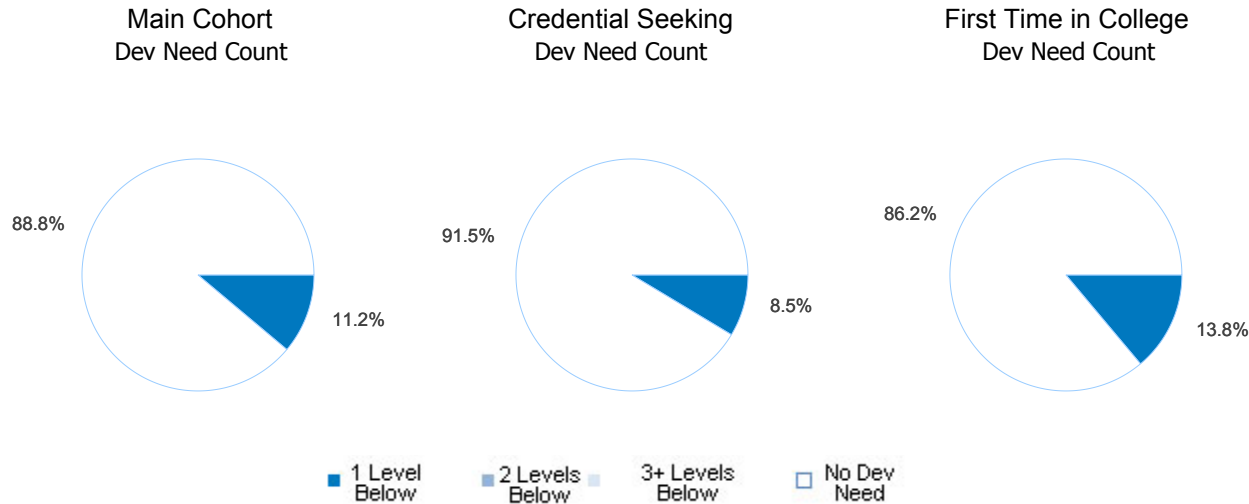
SUNY Broome Community College (Binghamton, NY)

Six Year Cohort (Fall Students 2012)

These data represent students that first entered the college in Fall Students 2012 (or summer before) and their progress and outcomes by the end of six years.

Developmental English

Developmental Need in English by Cohort Type



Cohort Types

Different types of students

- A. Main Cohort: fall entering, first time at **reporting** college; "all students"
- B. Credential Seeking: earned 12 credits by end of year two
- C. First Time in College: fall entering, first time in college

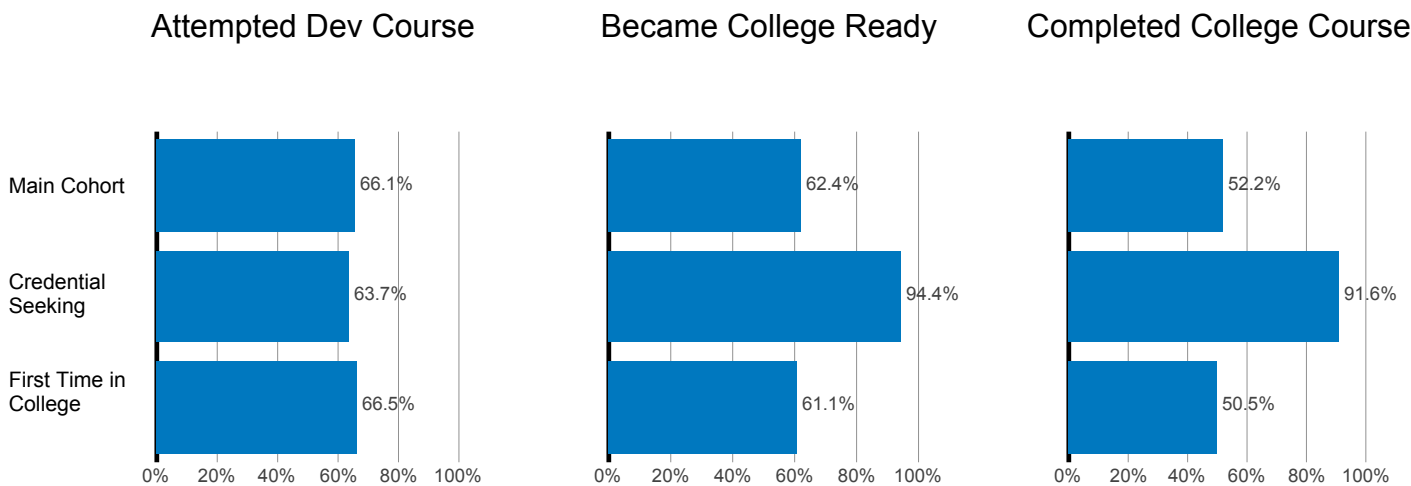
*Students could be in more than one cohort type.

Developmental English Need*

Percent of students in cohort that were referred/placed into developmental English

Developmental need is broken down further into three levels of need, below college level.

Developmental Outcomes for Students Referred to Dev. English by Cohort Type



Developmental English Outcomes

These outcomes answer the question: – What percentage of students in the cohort type that needed developmental English – completed developmental English and progressed to successfully complete a college-level course in English?

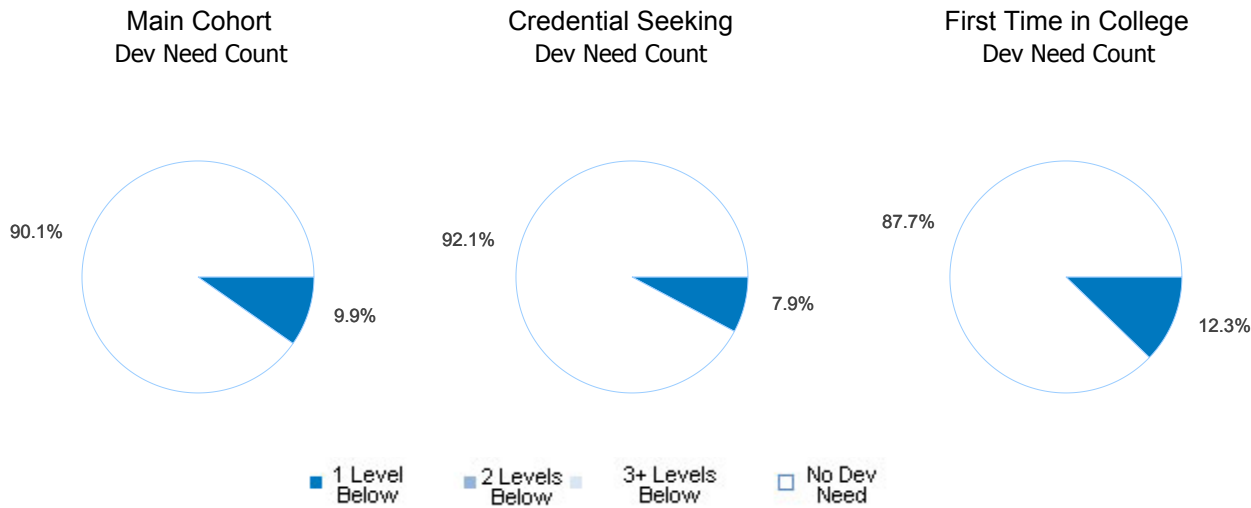
*The method of identifying students with a developmental need is "a combination of referral and course-taking behavior".

SUNY Broome Community College (Binghamton, NY)

Six Year Cohort (Fall Students 2012)

These data represent students that first entered the college in Fall Students 2012 (or summer before) and their progress and outcomes by the end of six years.

Developmental Need in Reading by Cohort Type



Cohort Types

Different types of students

- A. Main Cohort: fall entering, first time at **reporting** college; "all students"
- B. Credential Seeking: earned 12 credits by end of year two
- C. First Time in College: fall entering, first time in college

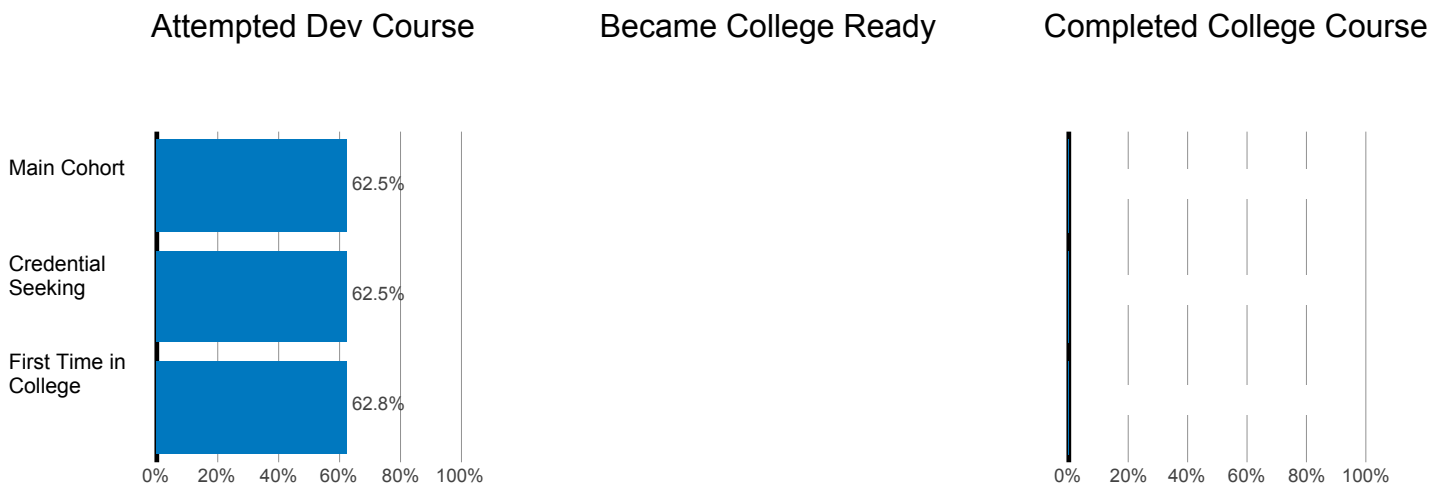
*Students could be in more than one cohort type.

Developmental Reading Need*

Percent of students in cohort that were referred/placed into developmental Reading

Developmental need is broken down further into three levels of need, below college level.

Developmental Outcomes for Students Referred to Dev. Reading by Cohort Type



Developmental Reading Outcomes

These outcomes answer the question:
 – What percentage of students in the cohort type that needed developmental Reading – completed developmental Reading and progressed to successfully complete a college-level course in Reading?

*The method of identifying students with a developmental need is "a combination of referral and course-taking behavior".

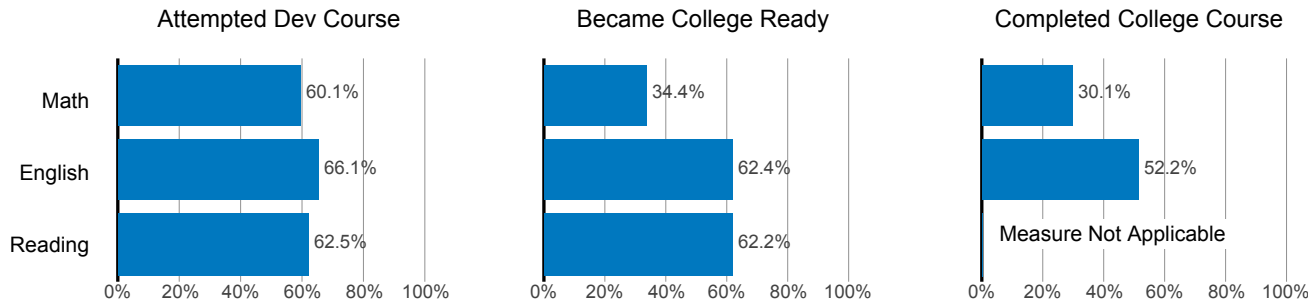
SUNY Broome Community College (Binghamton, NY)

Six Year Cohort (Fall Students 2012)

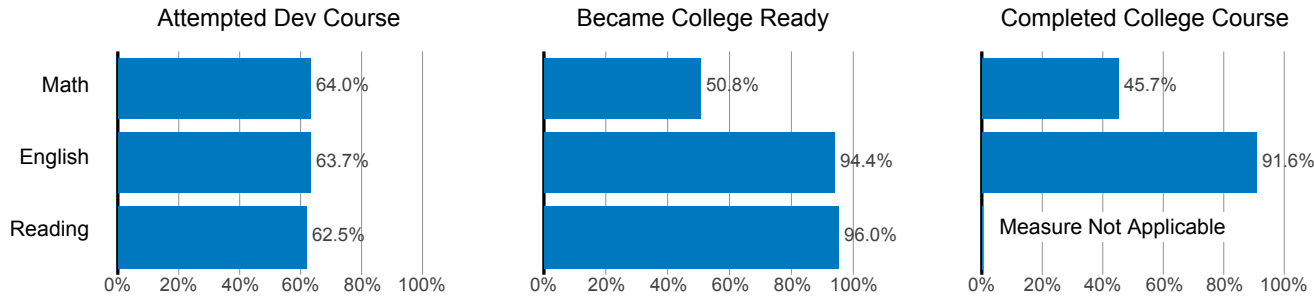
These data represent students that first entered the college in Fall Students 2012 (or summer before) and their progress and outcomes by the end of six years.

Developmental Outcomes across Subjects by Cohort Type

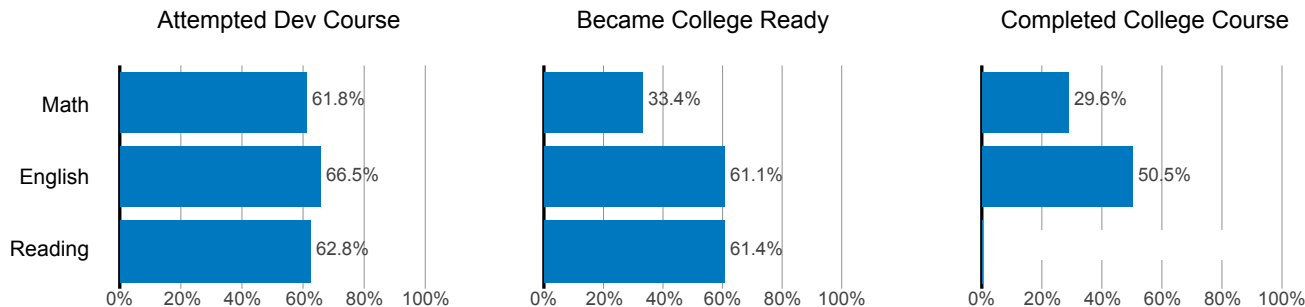
Main Cohort



Credential Seeking



First Time in College Cohort



Cohort Types

Different types of students

- A. Main Cohort: fall entering, first time at **reporting** college; "all students"
- B. Credential Seeking: earned 12 credits by end of year two
- C. First Time in College: fall entering, first time in college

*Students could be in more than one cohort type.

Developmental Outcomes by Subject

These outcomes answer the question: – What percentage of students in the cohort type that needed developmental education in a subject – completed developmental education in that subject and progressed to successfully complete a college-level course in the subject?

This view of the data shows how students that are classified by a specific cohort type progress through and complete developmental education.

		Main Cohort	Credential Seeking	First Time in College
Dev Need Count	Math	1,297	834	1,131
Dev Need Count	English	205	107	198
Dev Need Count	Reading	180	99	176

SUNY Broome Community College (Binghamton, NY)

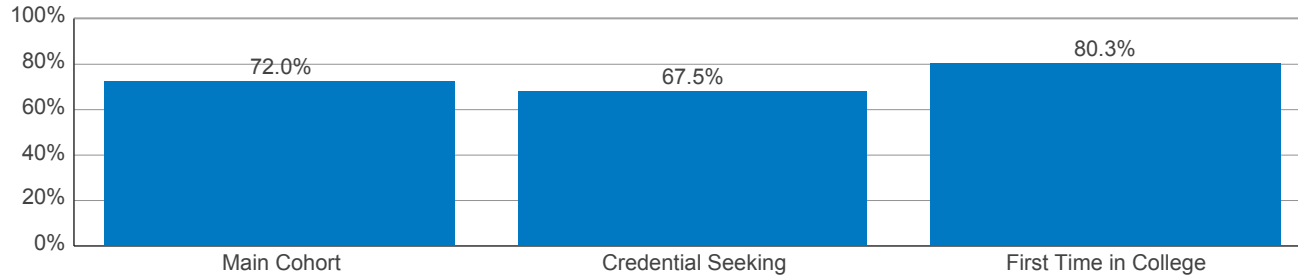
Six Year Cohort (Fall Students 2012)

These data represent students that first entered the college in Fall Students 2012 (or summer before) and their progress and outcomes by the end of six years.

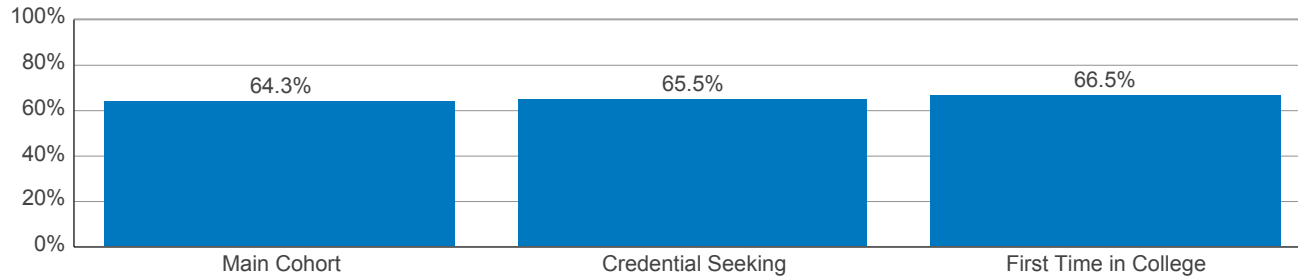
Any Developmental

	Main Cohort	Credential Seeking	First Time in College
Dev Need Count	1,316	850	1,149

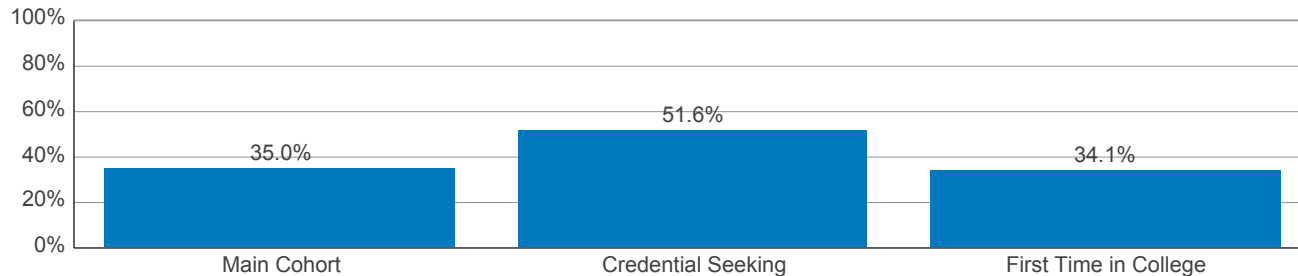
Any Developmental Need by Cohort Type



Attempted at Least One Developmental Course by Cohort Type



Completed All Developmental Education by Cohort Type



Cohort Types

Different types of students

- A. Main Cohort: fall entering, first time at **reporting** college; "all students"
- B. Credential Seeking: earned 12 credits by end of year two
- C. First Time in College: fall entering, first time in college

*Students could be in more than one cohort type.

Any Developmental

Students represented by these data needed developmental education in math, English, reading, or any combination of these subjects. This is an unduplicated count of the students in each of the cohorts that were not college ready (needed developmental education).

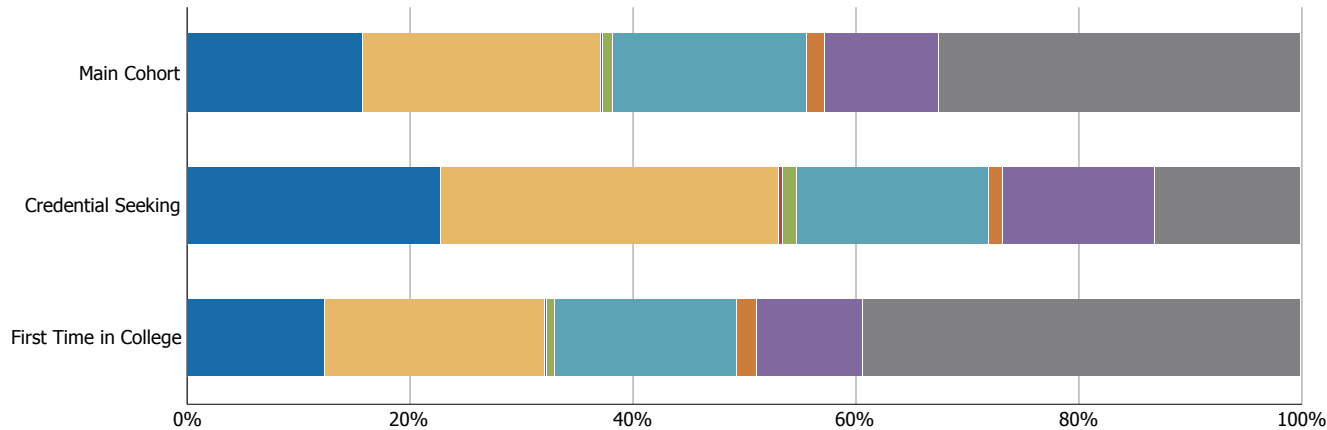
SUNY Broome Community College (Binghamton, NY)

Six Year Cohort (Fall Students 2012)

These data represent students that first entered the college in Fall Students 2012 (or summer before) and their progress by the end of six years.

Six-Year Outcomes

Outcomes by the end of Six Years by Cohort Type



Cohort Types

Different types of students

- A. Main Cohort: fall entering, first time at **reporting** college; "all students"
- B. Credential Seeking: earned 12 credits by end of year two
- C. First Time in College: fall entering, first time in college

*Students could be in more than one cohort type.

Six-Year Outcomes Measures

These measures report nine potential outcomes for the students in the cohort ranging from receipt of a credential (with and without transfer) to left the college.

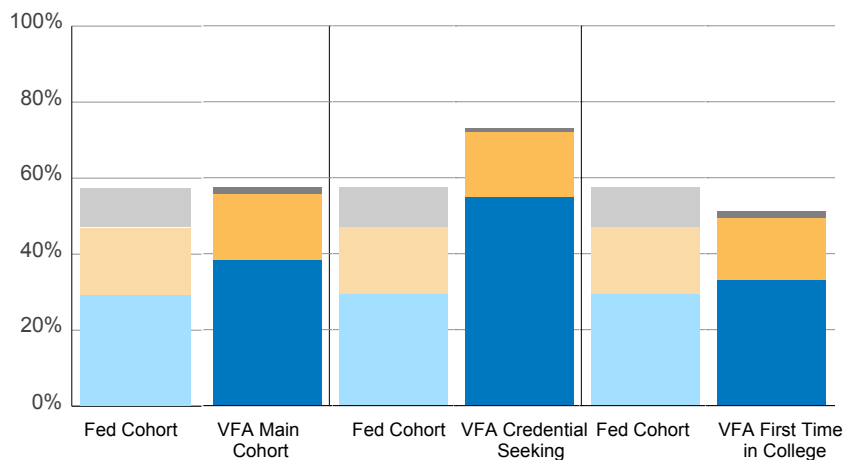
Each student in the cohort is counted in only one of the Six-Year Outcomes and the sum of all of the outcomes will total 100% of the cohort.

- Unduplicated
- Hierarchical
- Achieved by the end of six years
- Credentials earned at the **reporting** college

Outcomes	Main Cohort	Credential Seeking	First Time in College
Cohort Count	1,827	1,259	1,430
Bachelor's	N/A	N/A	N/A
Associate (Transfer)	15.7%	22.8%	12.3%
Associate (No Transfer)	21.4%	30.3%	19.7%
Certificate (Transfer)	0.2%	0.3%	0.2%
Certificate (No Transfer)	0.8%	1.2%	0.8%
No Award (Transfer)	17.5%	17.2%	16.4%
Still Enrolled	1.6%	1.3%	1.7%
Left with > or = 30 credits	10.2%	13.7%	9.4%
Left with < 30 credits	32.6%	13.1%	39.4%

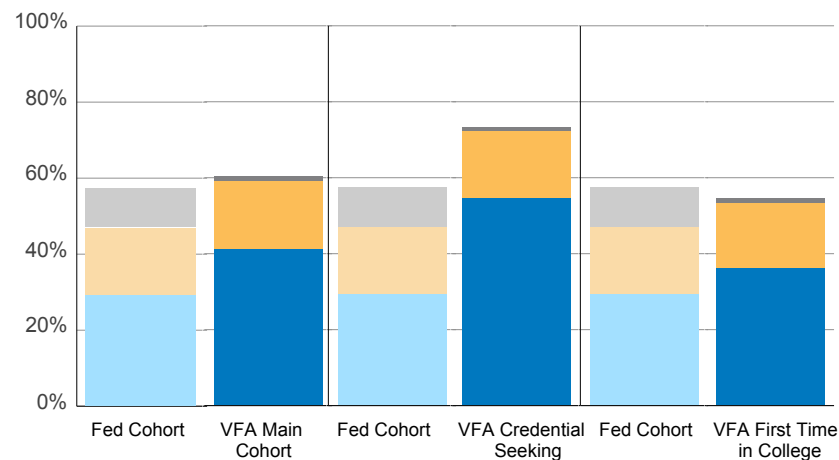
Comparison of the college's IPEDS (federal) graduation rate to the college's VFA Six-Year Outcomes

Federal Grad Rate (IPEDS) Compared to VFA Outcomes (by VFA full-time and part-time students)



	IPEDS Fed Cohort	VFA Main Cohort	VFA Credential Seeking	VFA First Time in College
Still Enrolled	10.3%	1.6%	1.3%	1.7%
No Award (Transfer)	17.5%	17.5%	17.2%	16.4%
Total Earned Awards**	29.4%	38.1%	54.6%	33.0%

Federal Grad Rate (IPEDS) Compared to VFA Outcomes (by VFA full-time students)



	IPEDS Fed Cohort	VFA Main Cohort	VFA Credential Seeking	VFA First Time in College
Still Enrolled	10.3%	1.4%	1.0%	1.5%
No Award (Transfer)	17.5%	17.9%	17.8%	17.2%
Total Earned Awards**	29.4%	41.2%	54.5%	36.2%

**VFA Total Earned Awards = Bachelor's degrees and associate degrees and certificates.

Federal Graduation Rate Cohort:

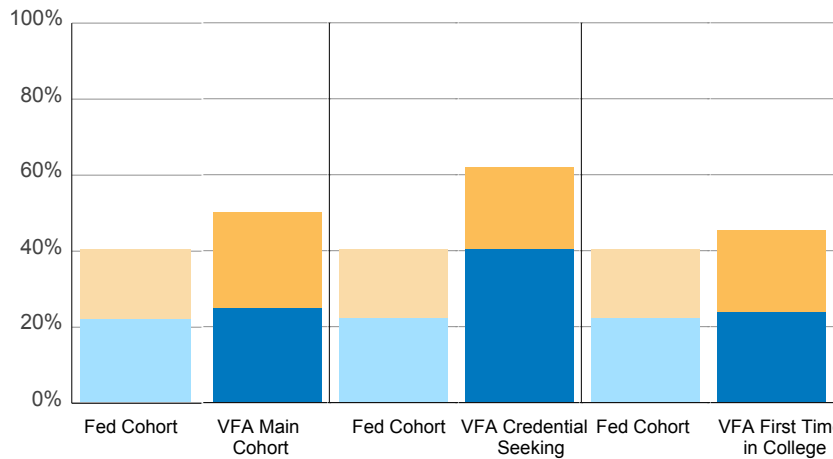
- Fall entering, first-time, full-time degree seeking students. For more information: <http://nces.ed.gov/ipeds/glossary/index.asp?id=812>

VFA Cohort Types:

- Main Cohort: fall entering, first time at **reporting** institution, "all students".
- Credential Seeking: fall entering, earned 12 credits by end of year two.
- First Time in College: fall entering, first time in any post-secondary institution.

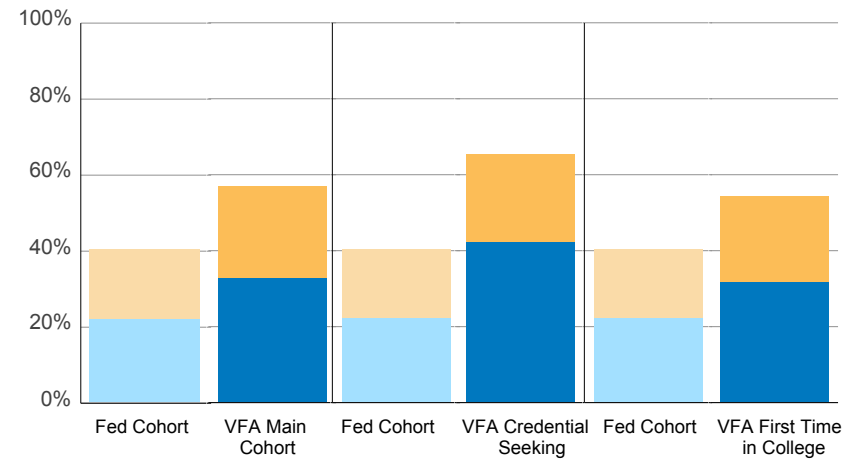
All VFA college's comparison of IPEDS (federal) graduation rate to VFA Six -Year Outcomes

Federal Grad Rate (IPEDS) Compared to VFA Outcomes (by VFA full-time and part-time students)



	IPEDS Fed Cohort	VFA Main Cohort	VFA Credential Seeking	VFA First Time in College
No Award (Transfer)	18.5%	25.2%	21.7%	21.8%
Total Earned Awards**	21.9%	24.9%	40.2%	23.7%

Federal Grad Rate (IPEDS) Compared to VFA Outcomes (by VFA full-time students)



	IPEDS Fed Cohort	VFA Main Cohort	VFA Credential Seeking	VFA First Time in College
No Award (Transfer)	18.5%	24.1%	23.2%	22.7%
Total Earned Awards**	21.9%	32.8%	42.3%	31.6%

**VFA Total Earned Awards = Bachelor's degrees and associate degrees and certificates.

Federal Graduation Rate Cohort:

- Fall entering, first-time, full-time degree seeking students. For more information: <http://nces.ed.gov/ipeds/glossary/index.asp?id=812>

VFA Cohort Types:

- Main Cohort: fall entering, first time at **reporting** institution, "all students".
- Credential Seeking: fall entering, earned 12 credits by end of year two.
- First Time in College: fall entering, first time in any post-secondary institution.

These data represent the college's CREDIT and NON-CREDIT CTE enrollment and completions for the: 2015-16 and 2016-17. CREDIT CTE completions, are sourced from IPEDs.

Career & Technical Education (CTE) Measures

CTE Profile

Credit

Enrollment (Headcount; Unduplicated)

2016-17	2015-16
N/A	N/A

Completions

Award Type	2016-17	2015-16	%Change
CTE Bachelor's	N/A	N/A	
CTE Associate	N/A	N/A	
Certs. >= 1 Year	N/A	N/A	
Certs. <1 Year	N/A	N/A	
Total	N/A	N/A	

Source: IPEDS completions data

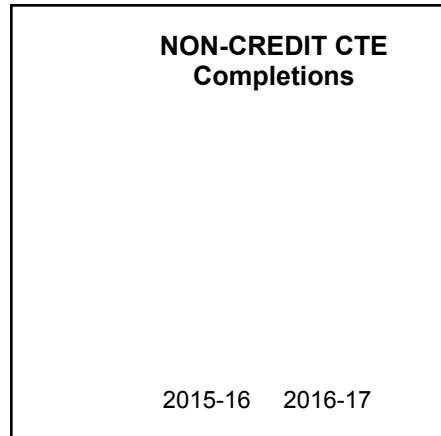
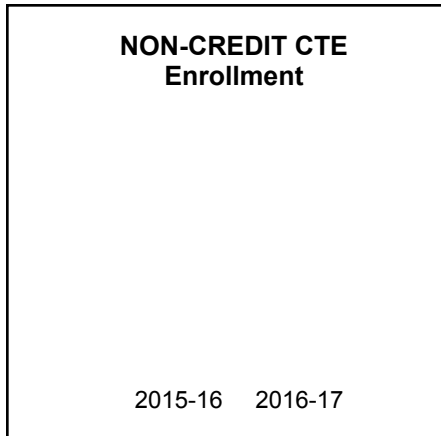
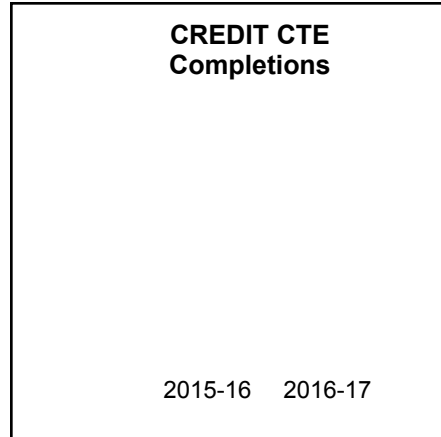
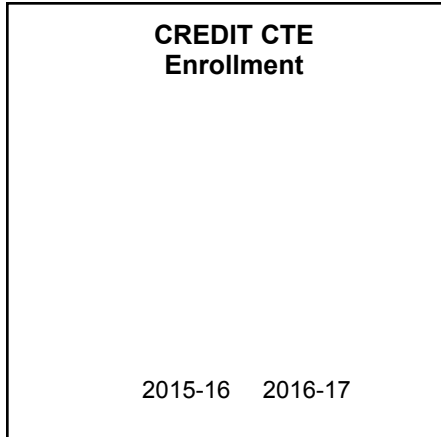
Non-Credit

Enrollment (Seat count; Duplicated)

2016-17	2015-16
N/A	N/A

Completions

2016-17	2015-16
N/A	N/A



About the CTE Profile

The CTE Profile provides the college's most recently available CTE enrollment and completions data (for both credit and non-credit CTE offerings). This information provides context about the college's CTE. It is not based on a cohort of students.

SUNY Broome Community College (Binghamton, NY)

Career & Technical Education Cohort Outcomes (CTE Students Completed/Left in 2015-16)

These data represent students that took CTE at the college, exited the college in the 2015-16 academic year, and their outcomes upon exiting the college with a CTE credential or a significant CTE experience (earned 7 CTE credit hours or received 180 contact hours of CTE instruction).

Career & Technical Education (CTE) Measures

CTE Completer/Leaver Cohort & Outcomes

CTE Completer/Leaver Cohort

Total Credit Completers/Leavers	N/A
Awarded Associate Degree	N/A
Completed Certificate	N/A
Left with No Award	N/A

Completers/Leavers with Prior Awards

Prior Bachelor's or Higher Prior Associate Total Prior Awards

Total Credit Cohort	N/A N/A	N/A N/A	N/A N/A
Awarded Associates	N/A N/A	N/A N/A	N/A N/A
Completed Certificate	N/A N/A	N/A N/A	N/A N/A
Left with No Award	N/A N/A	N/A N/A	N/A N/A
Non-Credit Cohort	N/A N/A	N/A N/A	N/A N/A

Industry Recognized Credentials of Completers/Leavers

Total Credit Completers/Leavers	N/A
Awarded Associate Degree	
Completed Certificate	
Left with No Award	

Licensure Exam Pass Rate of Completers/Leavers

Passed Attempted Pass Rate

Total Credit Cohort	N/A	N/A	N/A
Left with No Award	N/A	N/A	N/A
Non-Credit Cohort	N/A	N/A	N/A

Median Wage Growth of Completers/Leavers

Wage Prior Wage Post Change

Total Credit Cohort	N/A	N/A	N/A
Completed Certificate	N/A	N/A	N/A N/A
Left with No Award	N/A	N/A	N/A N/A
Non-Credit Cohort	N/A	N/A	N/A N/A

Education and Earnings of Completers/Leavers

\$50,200 or more \$40,000 - \$50,199 \$30,000 - \$39,999 \$22,500 - \$29,999 \$15,000 - \$22,499 \$0 - \$14,999 Enrolled in Education Unemployed /Unknown

Total Credit Cohort	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Associate	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Certificate	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Left No Award	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Non-Credit Cohort	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A (N/A)

CTE Completer/Leaver Cohort

The CTE Cohort is made up of students that took CTE at the college (credit or non-credit CTE) and either earned a formal award in CTE [completers] or left the college with a significant CTE experience – having earned 7 CTE credits or having received 180 contact hours of CTE instruction [leavers].

About CTE Outcomes

For the CTE Completer/Leaver Cohort, the VFA then reports these students' outcomes after the CTE experience (post-collegiate).

SUNY Broome Community College (Binghamton, NY)

Career & Technical Education Cohort (CTE Students Completed/Left in 2015-16)

These data represent students that took CREDIT CTE at the college, exited the college in the 2015-16 academic year, and their outcomes upon exiting the college with a CTE credential or a significant CTE experience (earned 7 CTE credit hours or received 180 contact hours of CTE instruction).

At present, the VFA provides graphical data for the CREDIT CTE measures but not for the NON-CREDIT CTE measures. The variances in how colleges track NON-CREDIT CTE and the lack of data available on NON-CREDIT CTE are challenges for many colleges. Therefore there is not enough NON-CREDIT CTE data to display appropriately using graphics.

Credit Career & Technical Education (CTE) Measures

CTE Completer/Leaver Cohort Profile		Credit Completers/Leavers With Prior Awards						
Credit Completer/Leaver Cohort		Prior Bachelor's + Prior Associate Total Prior Awards						
Total Credit Completers/Leavers	N/A	Total Credit Cohort	N/A	(N/A)	N/A	(N/A)	N/A	(N/A)
Awarded Associates Degree	N/A	Awarded Associates	N/A	(N/A)	N/A	(N/A)	N/A	(N/A)
Completed Certificate	N/A	Completed Certificate	N/A	(N/A)	N/A	(N/A)	N/A	(N/A)
Left with No Award	N/A	Left with No Award	N/A	(N/A)	N/A	(N/A)	N/A	(N/A)

Outcomes of CTE Completers/Leavers: Credit				
Education and Earnings	Median Wage Growth	Licensure Exam Pass Rate	Industry Recognized Credential	
Total Credit Cohort				
Associates				
Certificate				
Left/No Award				
■ Enrolled in Education ■ \$0 - \$14,999 ■ \$15,000 - \$22,499 ■ \$22,500 - \$29,999 ■ \$30,000 - \$39,999 ■ \$40,000 - \$50,199 ■ \$50,200 or more ■ Unemployed/ Unknown				

SUNY Broome Community College (Binghamton, NY)

Adult Basic Education Cohort (Students from)

These data represent students that came to the college for ABE in the academic year.

Adult Basic Education (ABE) Measures (Optional)

ABE Cohort

The ABE Cohort is students that took ABE at the college during the academic (or calendar year) indicated.

ABE Measures

These ABE measures determine first which students reached a standard level of high school equivalency (or completed adult basic education) at the college. Of those students that achieved an adult basic education, the measures determine what percentage of these students continued with their education or gained employment with a wage above the minimum wage, within one year of exiting the college.