LOS MEDANOS COLLEGE

Program Review Data Handbook

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7.30.2021

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Introduction

The *Program Review Data Handbook* will guide you step by step on how to generate your data to answer program review data-related questions via the 4CD Tableau Data Dashboards.

This handbook is organized by chapters based on your Program Review Template:

(a) Instructional Program Review
(b) Student Services Program Review
(c) Administrative Services Program Review

Additionally, the *Vision for Success/Institutional Set Standard* is also included in this handbook to guide you in completing the "Goal Setting" section of your Program Review. The definition of "data element" has also been provided in this handbook for your reference.

There are 6 Tableaus that this Data Handbook are focused on:

1. Program Enrollment and Productivity at Census
2. Enrollment Productivity View
3. Course Success View
4. Awards Dashboard
5. Guided Pathway Workbook
6. Degree/Certificate View

Instructional Program Review

1b. Please address the following enrollment data provided for your program.
1.b.1. What are the enrollment trends over the past 3 years, beginning with Fall 2018? (Please address census enrollment, census fill rate, and productivity (FTES/FTEF)

To answer Program Review question **1.b.1.**, there are two (2) Tableaus that will provide you with the information necessary to respond to this question:

1. Program Enrollment and Productivity at Census

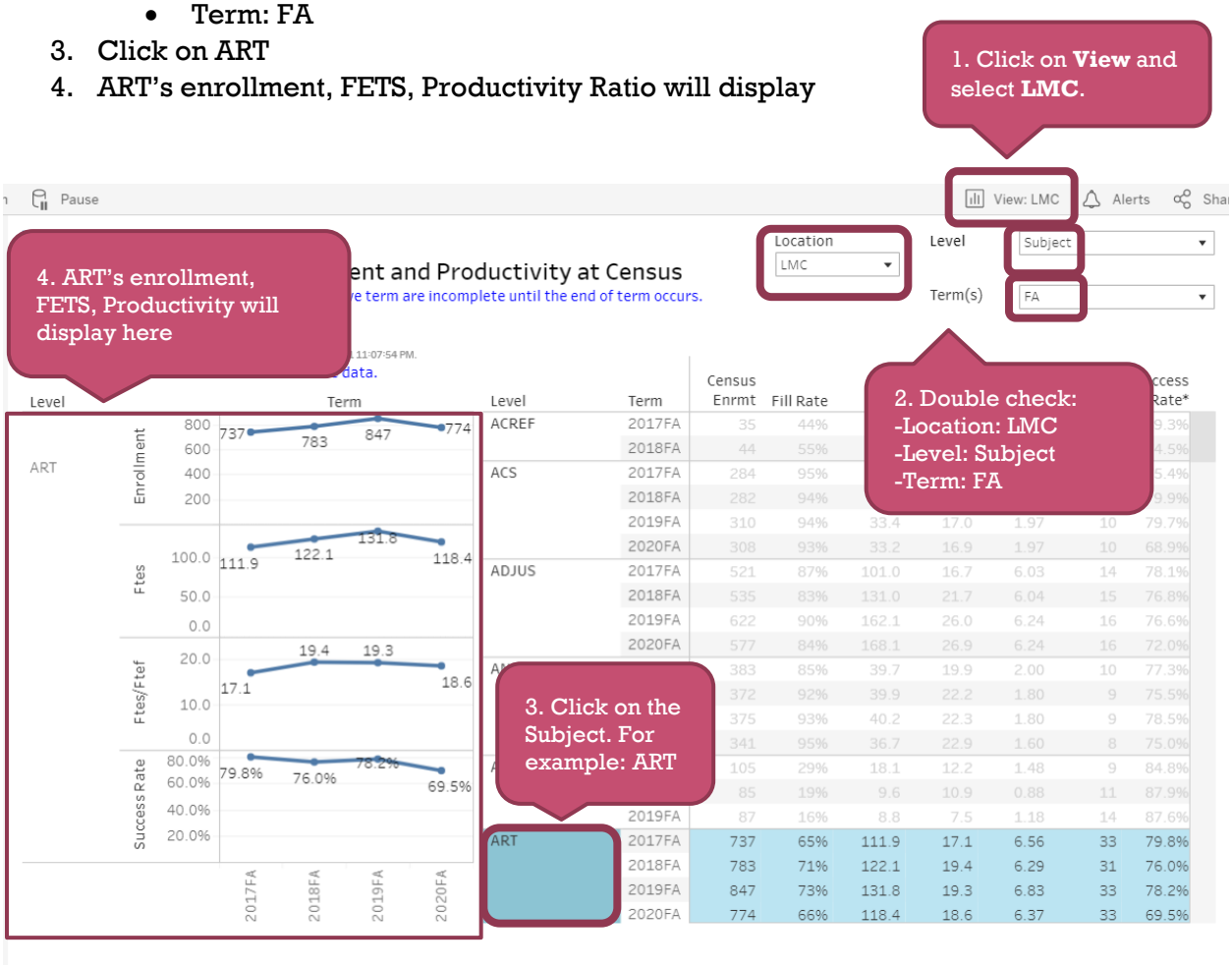
   https://tableau1.4cd.edu/#/views/ProgramEnrollmentandProductivityatCensus/ProgramEnrollmentTrends/chsieh636@ac.portal/LMC?:iid=1

2. Enrollment and Productivity View

   https://tableau1.4cd.edu/#/views/EnrollmentandProductivityView/EnrollmentandProductivityView/chsieh636@ac.portal/LMCPRART?:iid=1

Program Enrollment and Productivity at Census

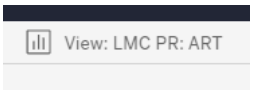
1. Click on "View and select LMC"
2. Verify the following filters are selected:
   - Location: LMC
   - Level: Subject
   - Term: FA
3. Click on ART
4. ART's enrollment, FETS, Productivity Ratio will display



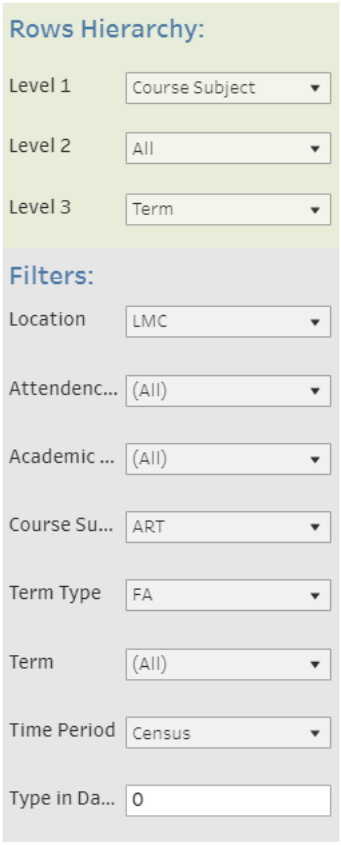
You can now describe the enrollment trends over the past 3 years (beginning with fall 2018) to answer question **1.b.1**.

Enrollment Productivity View

Productivity Ratio goal is 17.5.



1. Click on "View" and select your department/program: LMC PR: ART
2. Verify the following filters are selected:
    - Level 1: Course Subject
    - Level 2: All
    - Level 3: Term
    - Location: LMC
    - Attendance Type and Academic Year: All
    - Course Subject: ART
    - Term Type: FA
    - Time Period: Census
    - Type in Days: 0
3. The results will show:
    - Subject
    - Fall semesters
    - Census Enrollment
    - Census Fill Rate
    - Productivity Ratio (FTES/FTEF)
    - Section Count



Level 1	Level 2	Level 3	Census Enrollm..	Census Fill Rate	Ftes/Ftef	Sec. Count
ART		2017FA	737	65.3%	17.1	33
		2018FA	783	71.4%	19.4	31
		2019FA	847	73.5%	19.3	33
		2020FA	774	66.0%	18.6	33
Grand Total			3,141	69.0%	18.6	130

You can now describe the enrollment trends over the past 3 years (beginning with fall 2018) to answer question **1.b.1.**

2a. The following table lists the *Vision for Success* indicators that we must align to as a College and as a District. Please look at your program data (Tableau) for each of the following *Vision for Success* indicators. Please address all indicators that are relevant to your program and provide a status update on your program goals from your Program Review Year Three Update. Please include action steps if your goal(s) has been modified and an explanation if your goal(s) has been abandoned. *

NOTE - Please copy and paste the table below in your response and complete accordingly.

Vision for Success Indicators and ACCJC Indicator	Program Set Goals (from PR Year 3 Update)	Status (Indicate Modified, Completed, or Abandoned)	Timeline	Responsible Parties	Action Steps/ Explanation
Course Success					
Degrees (AA, AS, ADT)					
Certificates of Achievement					
Unit Reduction					
CTE Jobs					

To answer Program Review question **2a.** above, there are two (2) Tableaus that will provide you with the information necessary to respond to this question:

1. Course Success View

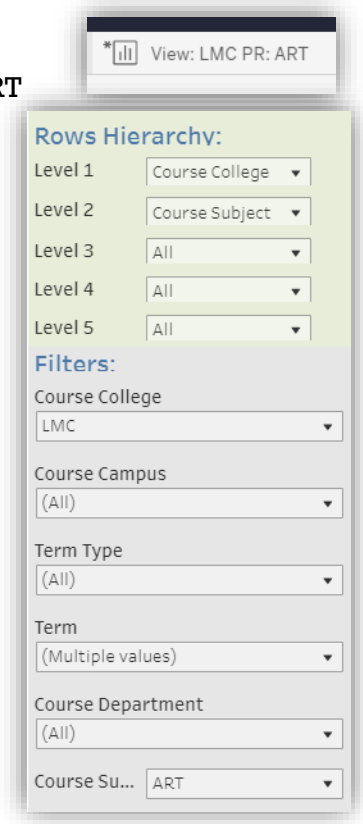
   https://tableau1.4cd.edu/#/views/CourseSuccessWorkbookw_oStudentIDs/CourseSuccessViewWOStudentIDs/chsieh636@ac.portal/LMCPRART?:iid=2

2. Awards Dashboard

   https://tableau1.4cd.edu/#/views/AwardsDashboard/AwardsAvgUnits/chsieh636@ac.portal/LMCART?:iid=1

Course Success View

Course success goal is 76% (2% increase from 2016-2017).



Click on "View" and select your department/program: LMC PR: ART

1. Verify the following filters are selected:
    - Level 1: Course College
    - Level 2: Course Subject
    - Level 3, 4, and 5: All
    - Course College: LMC
    - Course Campus and Term Type: All
    - Term: Multiple values
    - Course Department: All
    - Course Subject: ART
2. The results will show:
    - Success Rates for ART Courses
    - For 5 academic years

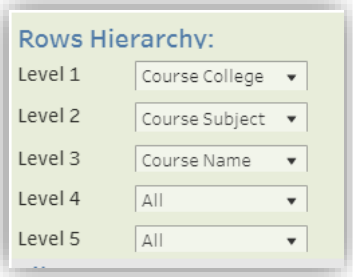
      2016-17, 2017-18, 2018-19, 2019-20, and 2020-21

3. The Course Success Rate goal for ART is 76%. (2% increase of 74% from 2016-17)

					2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Level 1	Level 2	Level 3	Level 4	Level 5	Success Rate	Success Rate	Success Rate	Success Rate	Success Rate
LMC	ART				74.0%	79.9%	79.6%	73.6%	70.6%
Grand Total					74.0%	79.9%	79.6%	73.6%	70.6%

You then will be able to answer question **2.a.**

4. You can also view all your individual courses. To do so…
5. Under "Rows Hierarchy", under Level 3: Select Course Name.
6. The results will show:
    - Success Rates for individual ART Courses.



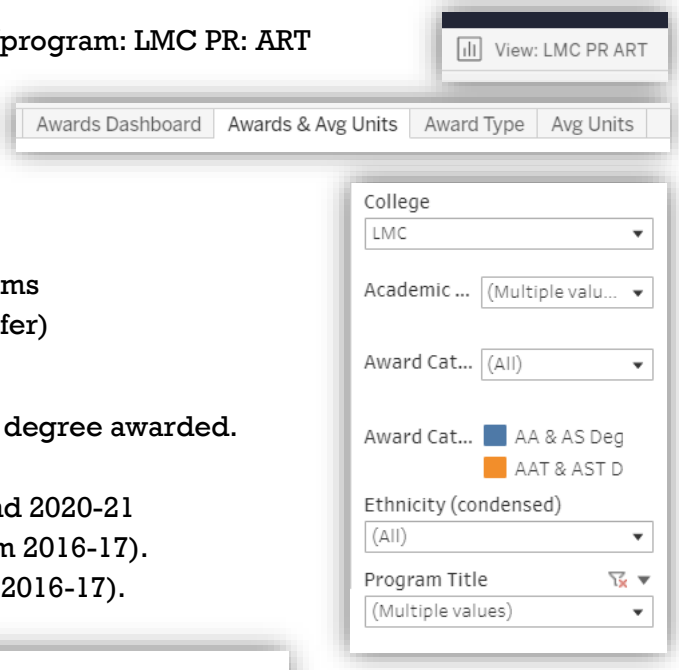
					2017-2018		2018-2019		2019-2020	
Level 1	Level 2	Level 3	Level 4	Level 5	Enrollments	Success Rate	Enrollments	Success Rate	Enrollments	Success Rate
LMC	ART	ART-003			38	81.6%	35	68.6%	44	70.5%
		ART-005			356	85.7%	353	80.2%	385	81.6%
		ART-006			38	63.2%	88	90.9%	39	53.8%
		ART-007			32	78.1%	80	57.5%	47	87.2%
		ART-008			87	71.3%	42	61.9%	88	61.4%
		ART-009			80	65.0%			37	62.2%
		ART-010			36	88.9%	34	88.2%	61	78.7%
		ART-011			53	92.5%	49	87.8%	46	80.4%
		ART-012			54	72.2%	62	69.4%	47	66.0%
		ART-015			30	90.0%	33	84.8%	31	80.6%
		ART-016			40	80.0%	41	82.9%		
		ART-017			39	66.7%	35	94.3%	67	53.7%
		ART-018			23	82.6%	37	70.3%		
		ART-019								
		ART-020			51	86.3%	53	71.7%	60	68.3%
		ART-021			8	100.0%	14	85.7%	14	85.7%
		ART-025			27	70.4%	28	82.1%	25	92.0%
		ART-030			30	76.7%	21	100.0%	31	54.8%
		ART-032							11	63.6%

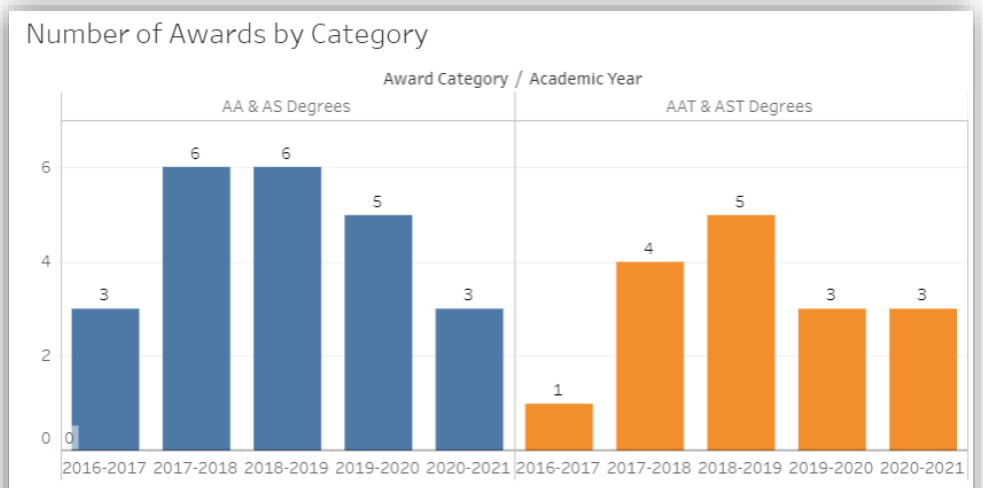
Awards Dashboard

Degree Awarded (AA/AS) goal is 20% increase from 2016-2017.

Transfer Degree Awarded (AAT/AST) goal is 30% increase from 2016-2017.

1. Click on "View" and select your department/program: LMC PR: ART
2. Click on Awards & Avg Units
3. Verify the following filters are selected:
   - College: LMC
   - Academic Year: Multiple Values
   - Award Category: All
   - Program Title: only select your programs (i.e., Fine Arts and Studio Art for Transfer)
4. The results will show:
   - AA/AS degree awarded and AAT/AST degree awarded.
   - For 5 academic years 2016-17, 2017-18, 2018-19, 2019-20, and 2020-21
5. The AA/AS goal is 3.6. (20% increase of 3 from 2016-17).
6. The AAT/AST goal is 1.3. (30% increase from 2016-17).





Awards and Average Units Complete Information (based on filter selections)

Award Category		2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
AA & AS Degrees	Distinct Students	3	6	6	5	3
	Number of Awards	3	6	6	5	3
	Avg Units to Complete	85	113	109	106	88
AAT & AST Degrees	Distinct Students	1	4	5	3	3
	Number of Awards	1	4	5	3	3
	Avg Units to Complete	76	113	94	108	107
Grand Total	Distinct Students	3	9	9	7	6
	Number of Awards	4	10	11	8	6
	Avg Units to Complete	83	113	102	106	98

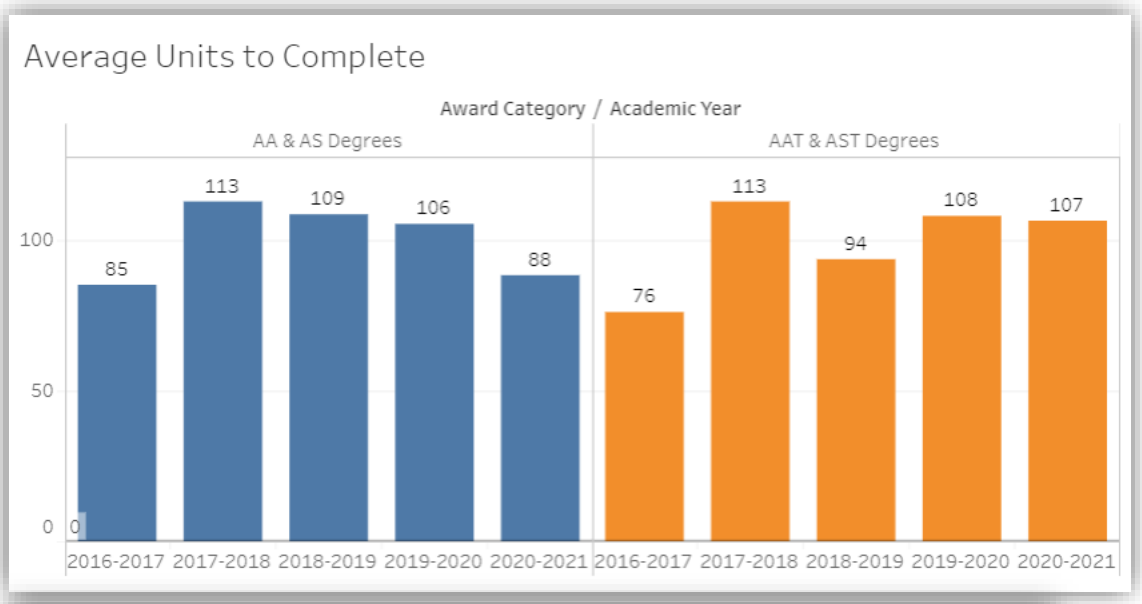
Awards Dashboard--Units

Unit Reduction goal is 79 units.

Using the same Dashboard on page 10 (Awards & Avg Units).

1. The results will show:
    - Average Units to Complete AA/AS degrees
    - Average Units to Complete AAT/AST degrees
    - For 5 academic years

      2016-17, 2017-18, 2018-19, 2019-20, and 2020-21
2. The Unit Reduction goal for AA/AS goal is 79.
3. The Unit Reduction goal for AAT/AST goal is 79.



Awards and Average Units Complete Information (based on filter selections)

Award Category		2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
AA & AS Degrees	Distinct Students	3	6	6	5	3
	Number of Awards	3	6	6	5	3
	Avg Units to Complete	85	113	109	106	88
AAT & AST Degrees	Distinct Students	1	4	5	3	3
	Number of Awards	1	4	5	3	3
	Avg Units to Complete	76	113	94	108	107
Grand Total	Distinct Students	3	9	9	7	6
	Number of Awards	4	10	11	8	6
	Avg Units to Complete	83	113	102	106	98

You then will be able to answer question **2.a.**

2b. The *Vision for Success Goal 5 - Equity* is designed to reduce the equity achievement gap on course seuccess for disproportionately impacted (DI) student populations. The College has identified the following three disproportionately impacted (DI) populations: African-American, economically disadvantage students (low income), and foster youth students.
Please review your program data (Tableau) for each of the aforementioned DI populations, and provide a status update on your program goal(s) for your previously selected DI population(s) in your Program Review Year Three Update. If your goal(s) has been modified please include action steps and if your goal(s) has been abandoned please provide an explanation.*

NOTE - Please copy and paste the table below in your response and complete accordingly.

Course Success by DI Population	Program Set Goals (PR Year 3 Update)	Status (Indicate Modified, Completed or Abandoned)	Timeline	Responsible Parties	Action Steps/ Explanation
African American					
Low Income					
Foster Youth					

To answer program review question **2b.** above, you can use the "Course Success View Tableau" to respond to this question.

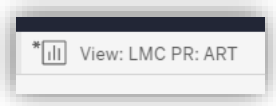
1. Course Success View

   https://tableau1.4cd.edu/#/views/CourseSuccessWorkbookw_oStudentIDs/CourseSuccessViewWOStudentIDs/chsieh636@ac.portal/LMCPRART?:iid=2

Course Success View by Ethnicity

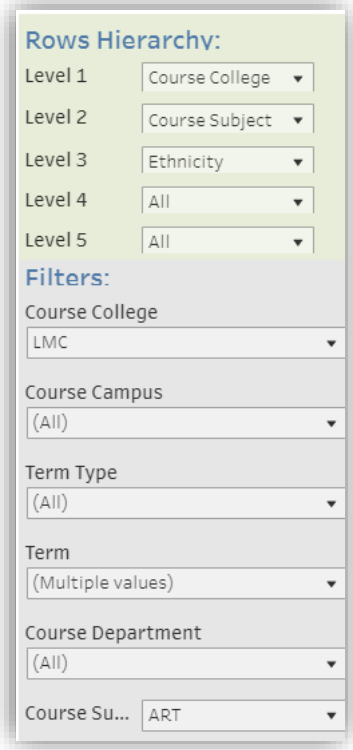
African American Student Course Success goal is 60% (2% increase from 2016-2017).

Repeat the steps provided on Page 5.



1. Click on "View" and select your department/program: LMC PR: ART

2. Verify the following filters are selected:
   - Level 1: Course College
   - Level 2: Course Subject
   - Level 3: Ethnicity
   - Level 4 and 5: All
   - Course College: LMC
   - Course Campus and Term Type: All
   - Term: Multiple values
   - Course Department: All
   - Course Subject: ART



3. The results will show:
   - Success Rates for African American Students in ART Courses
   - For 5 academic years
     2016-17, 2017-18, 2018-19, 2019-20, and 2020-21

4. The Course Success Rate goal for African American Students in ART courses is 59.9%. (2% increase of 57.9% from 2016-17)

					2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Level 1	Level 2	Level 3	Level 4	Level 5	Success Rate	Success Rate	Success Rate	Success Rate	Success Rate
LMC	ART	African_American			57.9%	72.0%	68.7%	59.9%	55.1%
		American_Indian				20.0%	25.0%	60.0%	77.8%
		Asian			78.2%	76.8%	88.9%	77.5%	72.5%
		Filipino			76.6%	83.9%	81.4%	80.4%	72.7%
		Hispanic			71.3%	78.8%	82.0%	73.0%	70.0%
		Multi_Ethnicity			78.1%	83.1%	75.9%	79.0%	73.0%
		Other/Undeclared			100.0%	75.0%	63.6%	65.0%	64.6%
		Pacific_Islander			100.0%	88.9%	33.3%	50.0%	75.0%
		White_Non_Hispanic			82.8%	83.7%	82.3%	77.8%	76.8%
Grand Total					74.0%	79.9%	79.6%	73.6%	70.6%

You then will be able to answer question **2.b.**

Student Services Program Review

a. Summarize your program's strategies to increase success for populations identified in LMC's Equity Plan: African American students, foster/former foster youth, low income students, and students in DSPS.*

Link to LMC Equity Plan: **https://www.losmedanos.edu/equity/plan.aspx**

This question has not been answered yet.

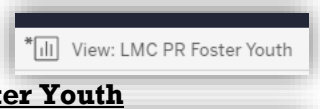
b. Please align your goals from Program Review Year Three with the accreditation and Vision for Success indicators below.

Please copy the table below into your response and complete accordingly

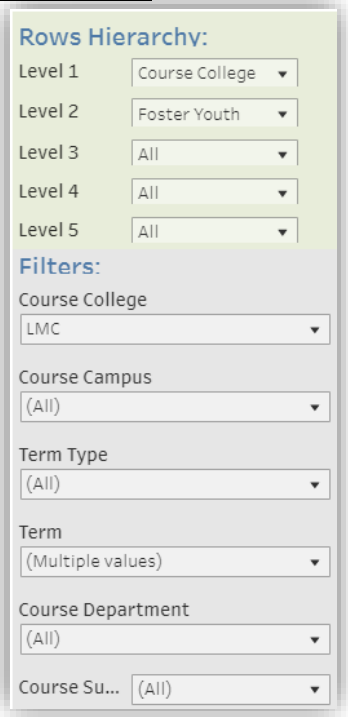
INDICATOR	PROGRAM REVIEW YEAR THREE GOALS	ALIGNED STUDENT SERVICES GUIDING PRINCIPLES	MEASURE	STATUS *(Please enter Abandoned, In Progress, Completed or New Goal to indicate the status for each goal)*	ACTION STEPS	TIMELINE	RESPONSIBLE PARTIES
Accreditation: Course Success							
VFS1: Increase by 20 percent the number of CCC students annually who acquire associate degrees, credentials, certificates, or specific skill sets that prepare them for an in-demand job.							

Course Success View—Foster Youth

Course success goal is 2% increase from 2016-2017.



Click on "View" and select your department/program: **LMC PR: Foster Youth**



1. Verify the following filters are selected:
   - Level 1: Course College
   - Level 2: Foster Youth
   - Level 3, 4, and 5: All
   - Course College: LMC
   - Course Campus and Term Type: All
   - Term: Multiple values
   - Course Department: All
   - Course Subject: All
2. The results will show:
   - Success Rates for Foster Youth
   - For 5 academic years

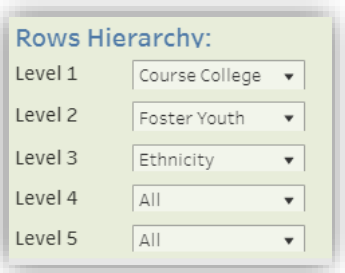
     2016-17, 2017-18, 2018-19, 2019-20, and 2020-21
3. The Course Success Rate goal for Foster Youth is 64.7%. (2% increase from 2016-17)

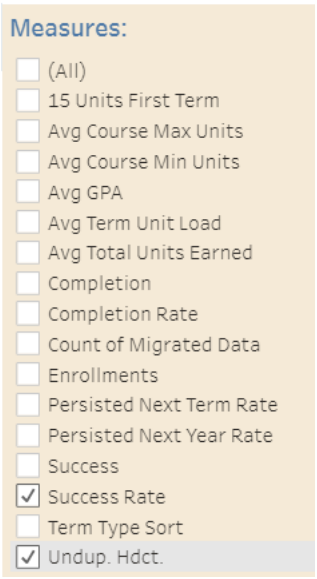
					2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Level 1	Level 2	Level 3	Level 4	Level 5	Success Rate	Success Rate	Success Rate	Success Rate	Success Rate
LMC	No				74.1%	73.7%	73.9%	71.6%	73.3%
	Yes				62.7%	59.2%	62.3%	62.8%	58.4%
Grand Total					73.5%	73.1%	73.4%	71.3%	72.8%

You then will be able to answer question **2.a.**

Drill Down

1. You can also "drill down" to view **Foster Youth by Ethnicity**.
2. To do so…Under "Rows Hierarchy", under Level 3: Select Ethnicity.
3. Under "Measures", Select: Success Rate and Undup. Hdct.



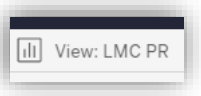


4. The results will show:
   - Success Rates for Foster Youth by Ethnicity.
   - About ¼ of Foster Youth students are African American.
   - Their course success rates are between 47%-56%.

					2018-2019		2019-2020		2020-2021	
Level 1	Level 2	Level 3	Level 4	Level 5	Undup. Hdct.	Success Rate	Undup. Hdct.	Success Rate	Undup. Hdct.	Success Rate
LMC	No	African_Am..			1,823	63.6%	1,681	61.4%	1,341	63.3%
		American_I..			22	61.7%	31	65.8%	32	69.2%
		Asian			700	80.4%	688	80.3%	759	82.5%
		Filipino			705	78.9%	675	77.9%	701	77.6%
		Hispanic			5,483	73.2%	5,465	71.0%	4,703	71.5%
		Multi_Ethni..			1,223	71.6%	1,239	69.3%	1,061	71.9%
		Other/Unde..			131	73.1%	284	64.3%	457	77.0%
		Pacific_Isla..			88	66.2%	95	62.5%	93	67.6%
		White_Non..			3,114	79.6%	2,764	77.4%	2,437	78.8%
	Yes	African_Am..			180	56.7%	136	54.4%	113	47.8%
		American_I..			2	75.0%	1	0.0%	1	100.0%
		Asian			13	67.3%	10	93.8%	8	87.0%
		Filipino			21	74.4%	22	71.6%	19	60.3%
		Hispanic			183	60.5%	157	62.8%	135	63.8%
		Multi_Ethni..			84	64.6%	52	57.3%	51	51.9%
		Other/Unde..			6	40.0%	6	35.0%	4	66.7%
		Pacific_Isla..			1	40.0%	1	0.0%	1	100.0%
		White_Non..			102	71.0%	94	74.2%	67	64.6%
Grand Total					13,881	73.4%	13,401	71.3%	11,983	72.8%

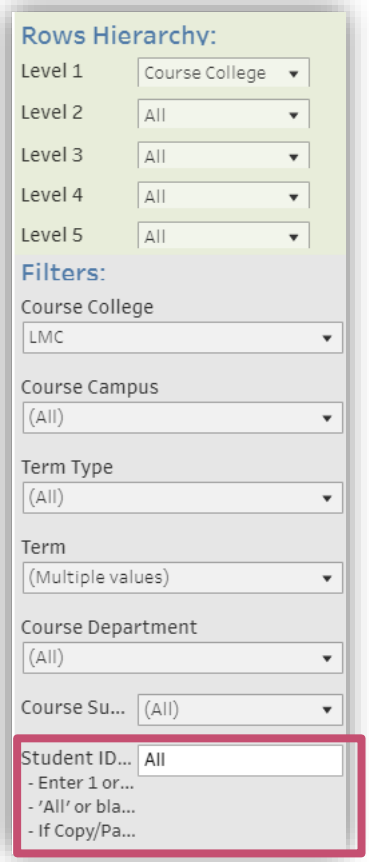
Upload Student IDs

1. If you have **a specific group of students** that you are monitoring, listed below are the steps on how you can view their Course Success Rate.



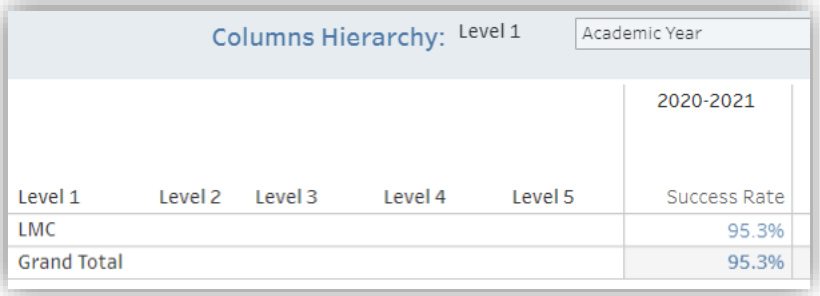
2. Click on "View" and select: **LMC PR**

3. Verify the following filters are selected:
   - Level 1: Course College
   - Level 2, 3, 4, & 5: All
   - Course College: LMC
   - Course Campus and Term Type: All
   - Term: Multiple values
   - Course Department: All
   - Course Subject: All



4. Under Student ID box:
   - **Copy and paste this specific group of students' IDs to the "Student ID" box in red box.**

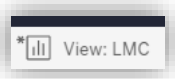
5. The results will show:
   - The Course Success Rates for this specific group of students participated in the workshop(s). (The data provided here is only an example.)



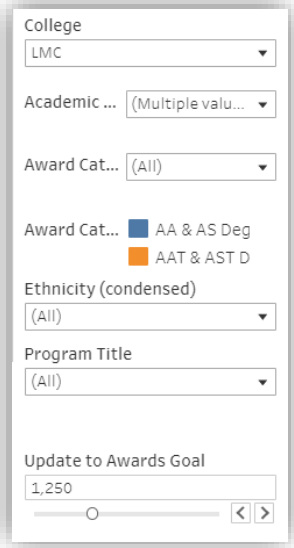
Awards Dashboard

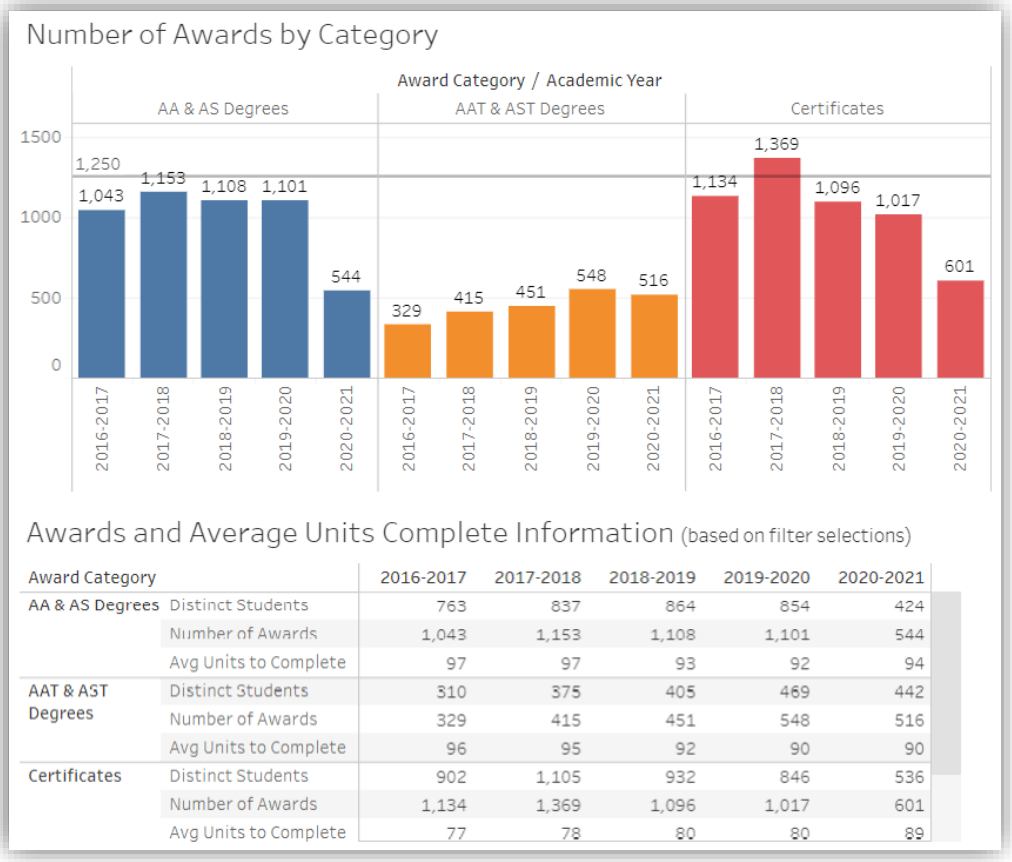
Degree Awarded (AA/AS) goal is 1250 (20% increase from 2016-2017).

Transfer Degree Awarded (AAT/AST) goal is 428 (30% increase from 2016-2017).



1. Click on "View" and select your department/program: LMC
2. Click on Awards & Avg Units
3. Verify the following filters are selected:
    - College: LMC
    - Academic Year: Multiple Values
    - Award Category, Ethnicity, & Program Title: All
    - Update to Awards Goal: 1250
4. The results will show:
    - AA/AS degree, AAT/AST degree, and certificate awarded.
    - For 5 academic years
      2016-17, 2017-18, 2018-19, 2019-20, and 2020-21
5. The AA/AS goal is **1250**. (20% increase from 1043 in 2016-17).
6. The AAT/AST goal is **428**. (30% increase from 329 in 2016-17).





Awards and Average Units Complete Information (based on filter selections)

Award Category		2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
AA & AS Degrees	Distinct Students	763	837	864	854	424
	Number of Awards	1,043	1,153	1,108	1,101	544
	Avg Units to Complete	97	97	93	92	94
AAT & AST Degrees	Distinct Students	310	375	405	469	442
	Number of Awards	329	415	451	548	516
	Avg Units to Complete	96	95	92	90	90
Certificates	Distinct Students	902	1,105	932	846	536
	Number of Awards	1,134	1,369	1,096	1,017	601
	Avg Units to Complete	77	78	80	80	89

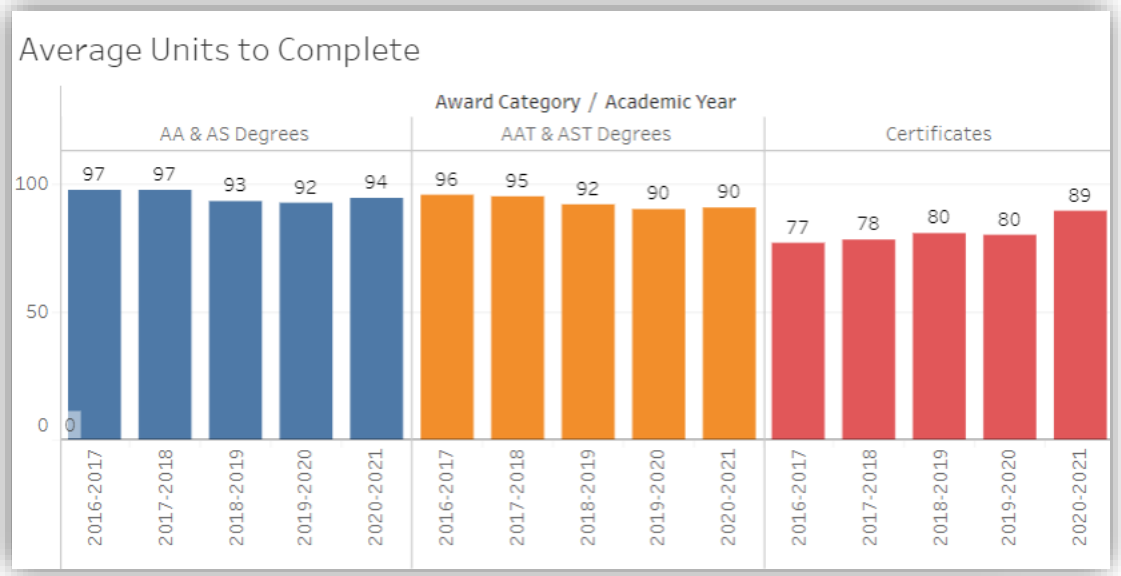
Awards Dashboard--Units

Unit Reduction goal is 79 units.

Using the same Dashboard on page 18 (Awards & Avg Units)

1. The results will show:
    - Average Units to Complete AA/AS degrees
    - Average Units to Complete AAT/AST degrees
    - For 5 academic years

      2016-17, 2017-18, 2018-19, 2019-20, and 2020-21
2. The Unit Reduction goal for AA/AS goal is 79.
3. The Unit Reduction goal for AAT/AST goal is 79.



Awards and Average Units Complete Information (based on filter selections)

Award Category		2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
AA & AS Degrees	Distinct Students	763	837	864	854	424
	Number of Awards	1,043	1,153	1,108	1,101	544
	Avg Units to Complete	97	97	93	92	94
AAT & AST Degrees	Distinct Students	310	375	405	469	442
	Number of Awards	329	415	451	548	516
	Avg Units to Complete	96	95	92	90	90
Certificates	Distinct Students	902	1,105	932	846	536
	Number of Awards	1,134	1,369	1,096	1,017	601
	Avg Units to Complete	77	78	80	80	89

You then will be able to answer question **2.a.**

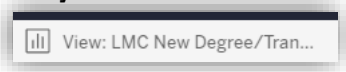
Guided Pathways Workbook

https://tableau1.4cd.edu/#/views/GuidedPathwaysWorkbook_16007165860730/UnduplicatedHeadcount/chsieh636@ac.portal/LMCNewDegreeTransferSeekerAcademicYear?:iid=1

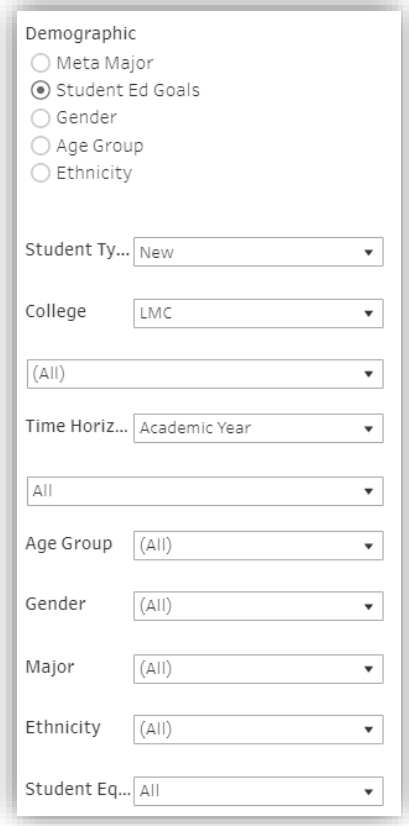
This workbook helps to answer some questions related to New Degree/Transfer Students:

(a) Enrolled in transfer level English and/or Math courses
(b) Successfully competed transfer level English and/or Math courses
(c) In the first academic year

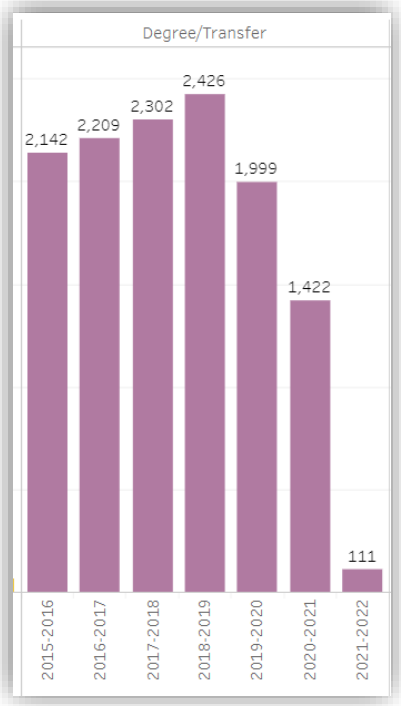
1. Click on "View" and select LMC New Degree/Transfer Seeker Academic year.



2. Verify the following filters are selected:
   - Demographic: Student Ed Goals
   - Student Type: New
   - College: LMC
     - All Sites
   - Time: Academic Year
     - All Semesters
   - Age Group, Gender, Ethnicity, Student Equity Plan: All

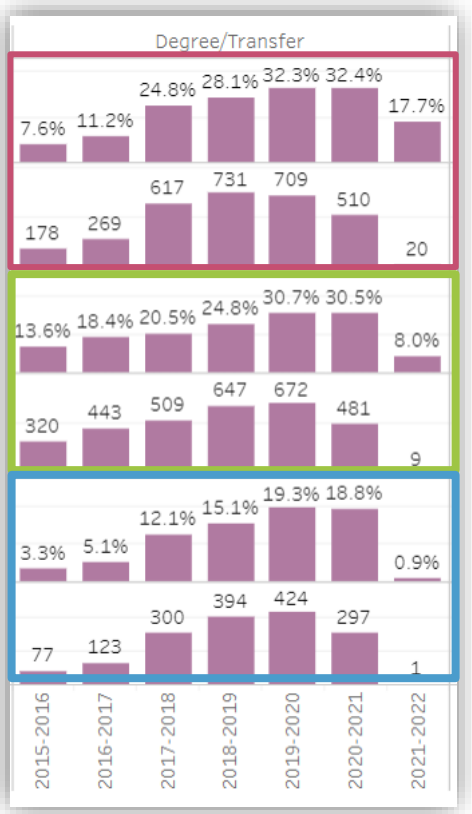


3. The results will show:
   - **1422** New Degree/Transfer students in the academic year 2020-2021.



4. Click on the "Gateway Enrollments" tab on the top.

5. The results will show:

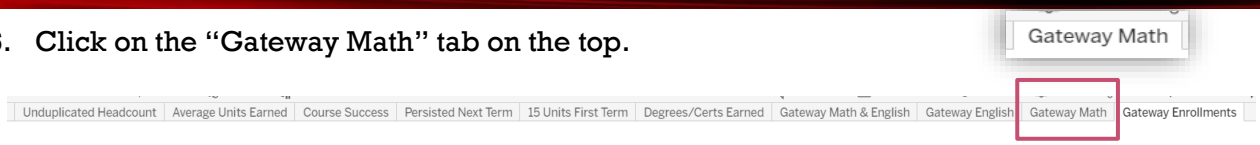


- 510 New Degree/Transfer students (2020-2021) enrolled in transfer English.
- It is 32.4% of this group (510/1422) enrolled in transfer English.

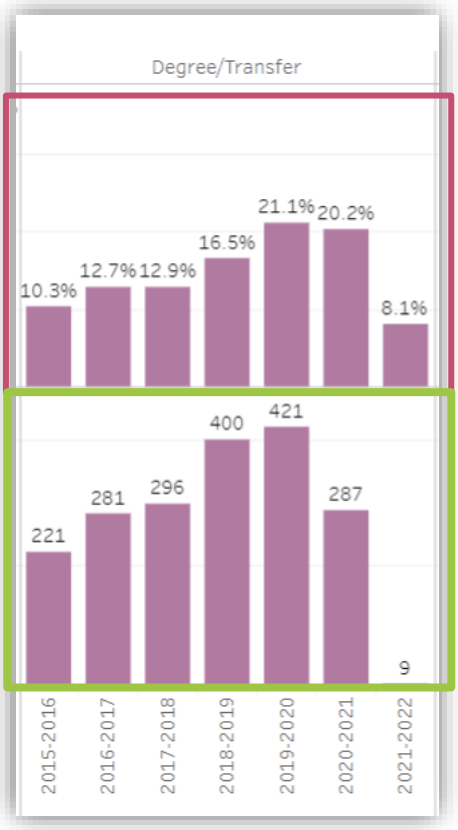
- 481 New Degree/Transfer students (2020-2021) enrolled in transfer Math.
- It is 30.5% of this group (481/1422) enrolled in transfer Math.

- 297 New Degree/Transfer students (2020-2021) enrolled in both transfer English and Math.
- It is 18.8% of this group (297/1422) enrolled in both transfer English and Math.

6. Click on the "Gateway Math" tab on the top.



7. The results will show:

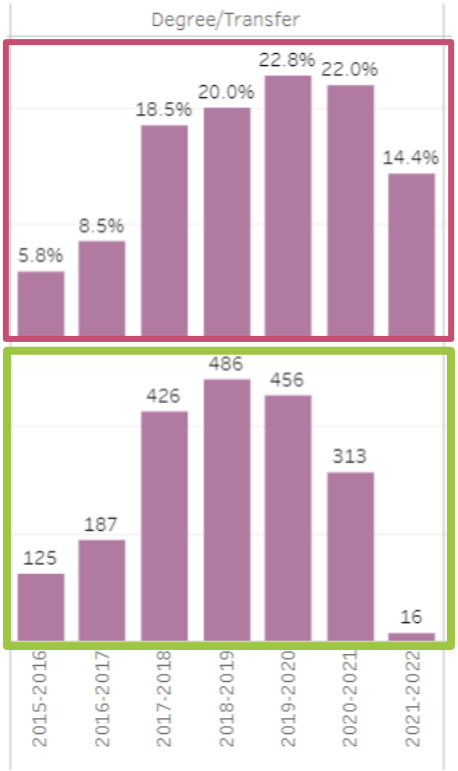


- 481 New Degree/Transfer students (2020-2021) enrolled in transfer Math.
- It is 30.5% of this group (481/1422) enrolled in transfer Math.

- 287 New Degree/Transfer students (2020-2021) succeeded the transfer Math.
- It is 20.2% of this group (281/1422) successfully completed transfer level Math.

8. Click on the "Gateway English" tab on the top

9. The results will show:

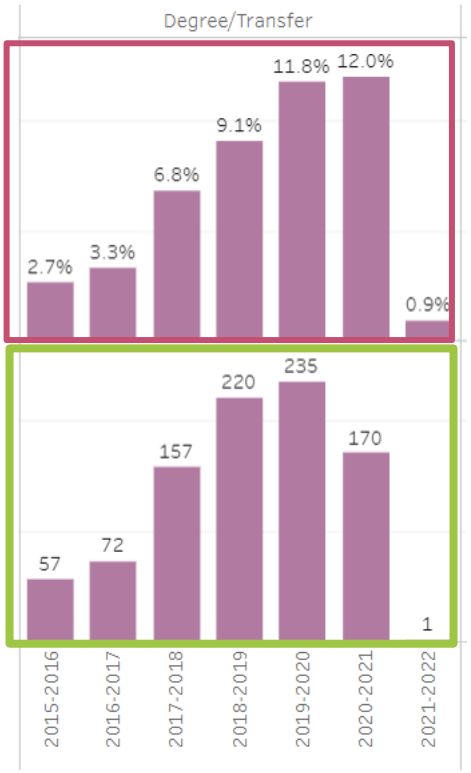


- 510 New Degree/Transfer students (2020-2021) enrolled in transfer English.
- It is 32.4% of this group (510/1422) enrolled in transfer English.

- 313 New Degree/Transfer students (2020-2021) succeeded the transfer English.
- It is 22% of this group (313/1422) successfully completed transfer level English.

10. Click on the "Gateway Math & English" tab on the top

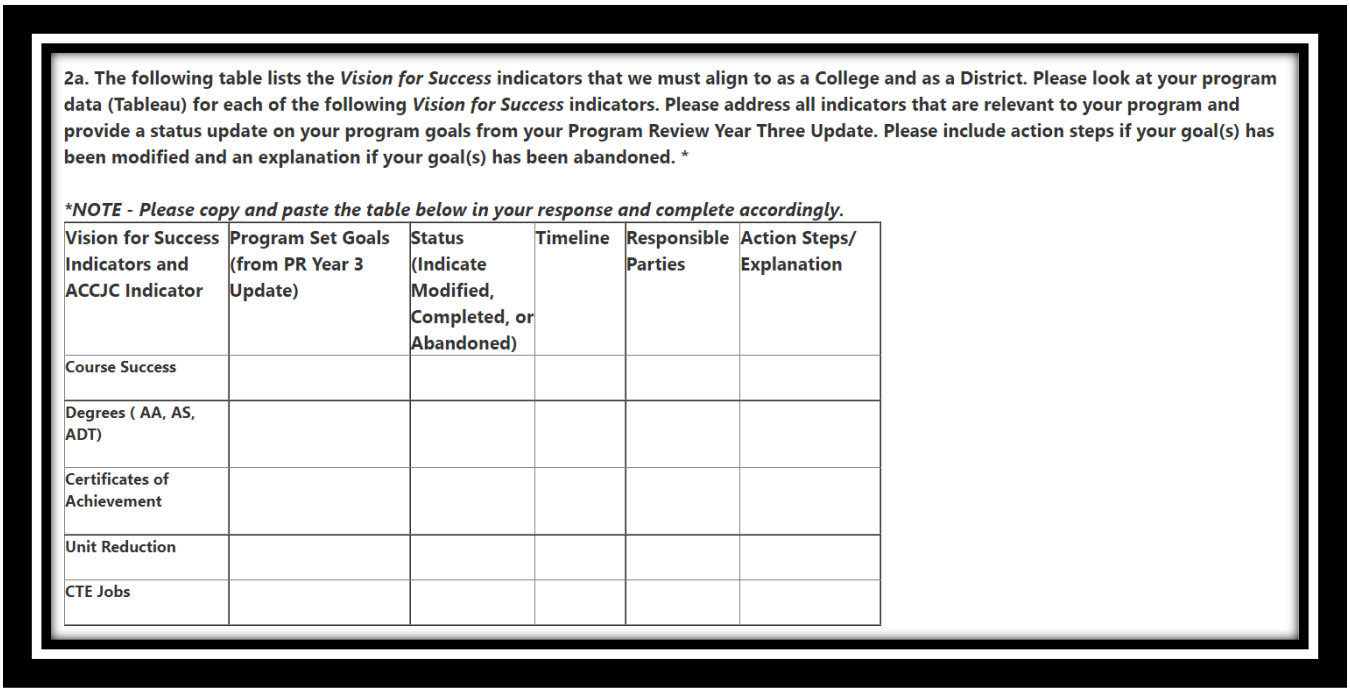
11. The results will show:



- 297 New Degree/Transfer students (2020-2021) enrolled in both transfer English and Math.
- It is 18.8% of this group (297/1422) enrolled in both transfer English and Math.

- 170 New Degree/Transfer students (2020-2021) succeeded in both transfer English and Math.
- It is 12% of this group (170/1422) successfully completed transfer level English and Math.

Administrative Services Program Review



2a. The following table lists the *Vision for Success* indicators that we must align to as a College and as a District. Please look at your program data (Tableau) for each of the following *Vision for Success* indicators. Please address all indicators that are relevant to your program and provide a status update on your program goals from your Program Review Year Three Update. Please include action steps if your goal(s) has been modified and an explanation if your goal(s) has been abandoned. *

NOTE - Please copy and paste the table below in your response and complete accordingly.

Vision for Success Indicators and ACCJC Indicator	Program Set Goals (from PR Year 3 Update)	Status (Indicate Modified, Completed, or Abandoned)	Timeline	Responsible Parties	Action Steps/ Explanation
Course Success					
Degrees (AA, AS, ADT)					
Certificates of Achievement					
Unit Reduction					
CTE Jobs					

To answer Program Review question **2a.**, there are two (2) Tableaus that will provide you with the information necessary to respond to this question:

1. Course Success View

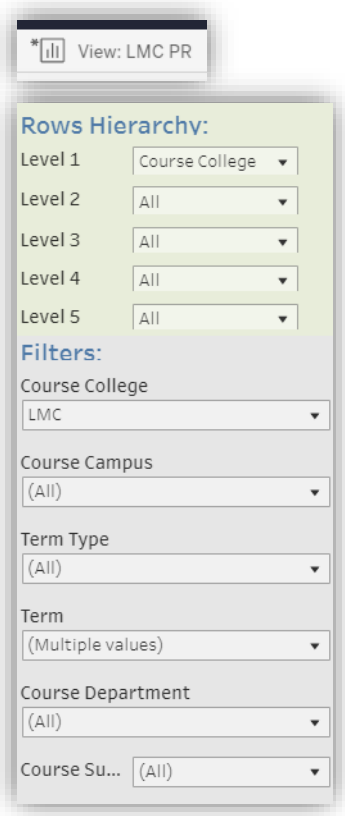
   https://tableau1.4cd.edu/#/views/CourseSuccessWorkbookw_oStudentIDs/CourseSuccessViewWOStudentIDs/chsieh636@ac.portal/LMCPRART?:iid=2

2. Awards Dashboard

   https://tableau1.4cd.edu/#/views/AwardsDashboard/AwardsAvgUnits/chsieh636@ac.portal/LMCART?:iid=1

Course Success View

Course success goal is 75.5% (2% increase from 2016-2017).



Click on "View" and select your department/program: LMC PR

1. Verify the following filters are selected:
    - Level 1: Course College
    - Level 2, 3, 4, and 5: All
    - Level 3, 4, and 5: All
    - Course College: LMC
    - Course Campus & Term Type: All
    - Term: Multiple values
    - Course Department & Course Subject: All
    - Course Subject: ART
2. The results will show:
    - Success Rates for LMC
    - For 5 academic years

      2016-17, 2017-18, 2018-19, 2019-20, and 2020-21
3. The Course Success Rate goal for LMC is **75.5%.** (2% increase of 73.5% from 2016-17)

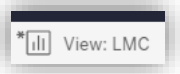
					2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Level 1	Level 2	Level 3	Level 4	Level 5	Success Rate	Success Rate	Success Rate	Success Rate	Success Rate
LMC					73.5%	73.1%	73.4%	71.3%	72.8%
Grand Total					73.5%	73.1%	73.4%	71.3%	72.8%

You then will be able to answer question **2.a.**

Awards Dashboard

Degree Awarded (AA/AS) goal is 1250 (20% increase from 2016-2017).

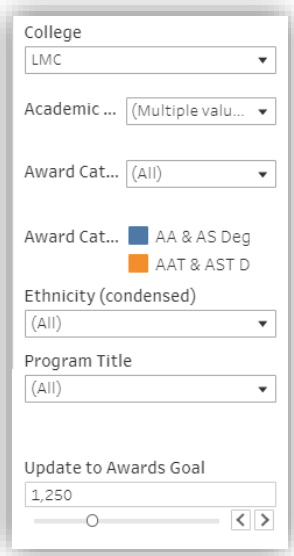
Transfer Degree Awarded (AAT/AST) goal is 428 (30% increase from 2016-2017).



1. Click on "View" and select your department/program: LMC

2. Click on Awards & Avg Units

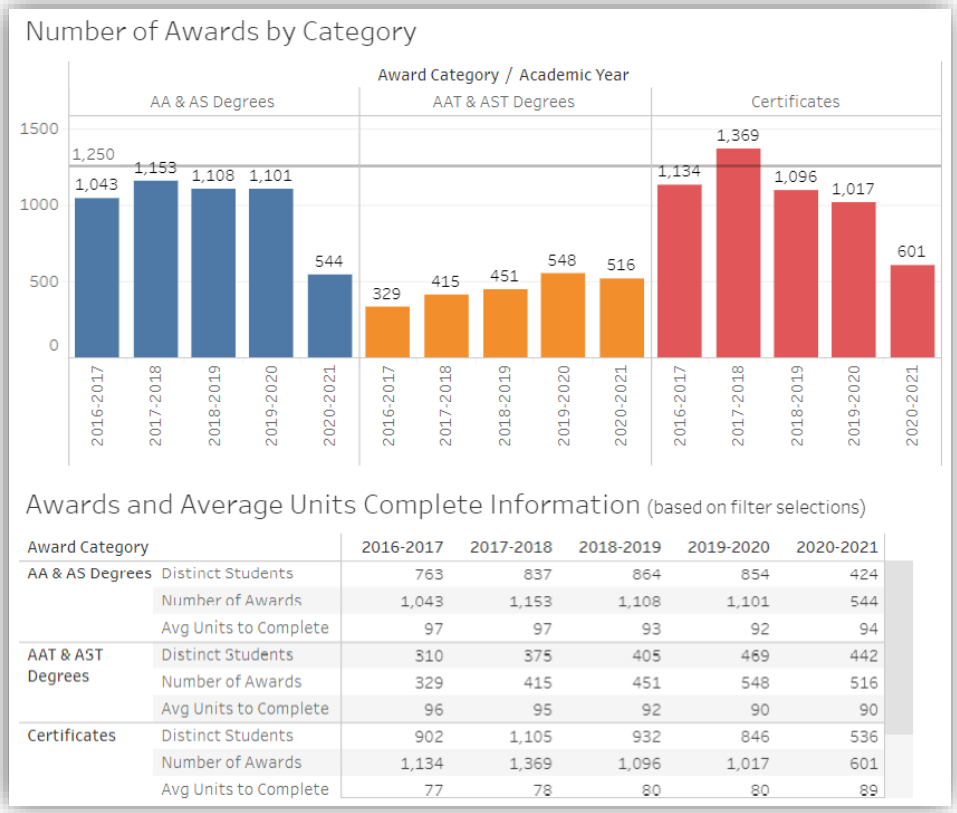
3. Verify the following filters are selected:
   - College: LMC
   - Academic Year: Multiple Values
   - Award Category, Ethnicity, & Program Title: All
   - Update to Awards Goal: 1250



4. The results will show:
   - AA/AS degree, AAT/AST degree, and certificate awarded.
   - For 5 academic years
     2016-17, 2017-18, 2018-19, 2019-20, and 2020-21

5. The AA/AS goal is **1250**. (20% increase from 1043 in 2016-17).

6. The AAT/AST goal is **428**. (30% increase from 329 in 2016-17).



Awards and Average Units Complete Information (based on filter selections)

Award Category		2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
AA & AS Degrees	Distinct Students	763	837	864	854	424
	Number of Awards	1,043	1,153	1,108	1,101	544
	Avg Units to Complete	97	97	93	92	94
AAT & AST Degrees	Distinct Students	310	375	405	469	442
	Number of Awards	329	415	451	548	516
	Avg Units to Complete	96	95	92	90	90
Certificates	Distinct Students	902	1,105	932	846	536
	Number of Awards	1,134	1,369	1,096	1,017	601
	Avg Units to Complete	77	78	80	80	89

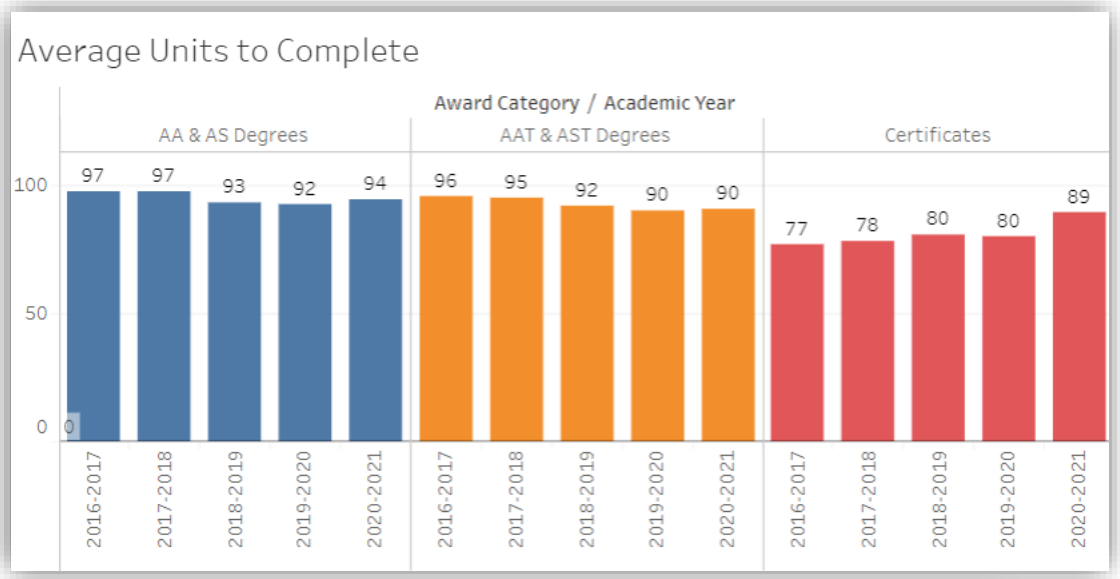
Awards Dashboard--Units

Unit Reduction goal is 79 units.

Using the same Dashboard provided on Page 27 (Awards & Avg Units)

1. The results will show:
    - Average Units to Complete AA/AS degrees
    - Average Units to Complete AAT/AST degrees
    - For 5 academic years

      2016-17, 2017-18, 2018-19, 2019-20, and 2020-21
2. The Unit Reduction goal for AA/AS goal is 79.
3. The Unit Reduction goal for AAT/AST goal is 79.



Awards and Average Units Complete Information (based on filter selections)

Award Category		2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
AA & AS Degrees	Distinct Students	763	837	864	854	424
	Number of Awards	1,043	1,153	1,108	1,101	544
	Avg Units to Complete	97	97	93	92	94
AAT & AST Degrees	Distinct Students	310	375	405	469	442
	Number of Awards	329	415	451	548	516
	Avg Units to Complete	96	95	92	90	90
Certificates	Distinct Students	902	1,105	932	846	536
	Number of Awards	1,134	1,369	1,096	1,017	601
	Avg Units to Complete	77	78	80	80	89

You then will be able to answer question **2.a.**

2b. The *Vision for Success Goal 5 - Equity* is designed to reduce the equity achievement gap on course seuccess for disproportionately impacted (DI) student populations. The College has identified the following three disproportionately impacted (DI) populations: African-American, economically disadvantage students (low income), and foster youth students.
Please review your program data (Tableau) for each of the aforementioned DI populations, and provide a status update on your program goal(s) for your previously selected DI population(s) in your Program Review Year Three Update. If your goal(s) has been modified please include action steps and if your goal(s) has been abandoned please provide an explanation.*

NOTE - Please copy and paste the table below in your response and complete accordingly.

Course Success by DI Population	Program Set Goals (PR Year 3 Update)	Status (Indicate Modified, Completed or Abandoned)	Timeline	Responsible Parties	Action Steps/ Explanation
African American					
Low Income					
Foster Youth					

To answer Program Review question **2b.**, you can use the Course Success View Tableau to respond to this question.

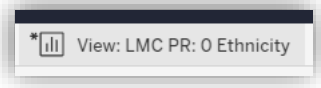
1. Course Success View

   https://tableau1.4cd.edu/#/views/CourseSuccessWorkbookw_oStudentIDs/CourseSuccessViewWOStudentIDs/chsieh636@ac.portal/LMCPRART?:iid=2

Course Success View

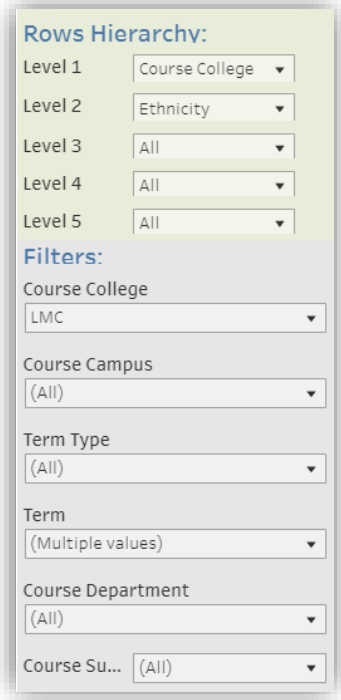
African American Student Course Success goal is 65% (2% increase from 2016-2017.)

Repeat the steps on provided on Page 5.



1. Click on "View" and select your department/program: LMC PR: 0 Ethnicity

2. Verify the following filters are selected:
   - Level 1: Course College
   - Level 2: Ethnicity
   - Level 3, 4, & 5: All
   - Course College: LMC
   - Course Campus and Term Type: All
   - Term: Multiple values
   - Course Department: All
   - Course Subject: All



3. The results will show:
   - Success Rates for African American Students for LMC
   - For 5 academic years

     2016-17, 2017-18, 2018-19, 2019-20, and 2020-21

4. The Course Success Rate goal for African American Students is 65%. (2% increase from 63.1% in 2016-17)

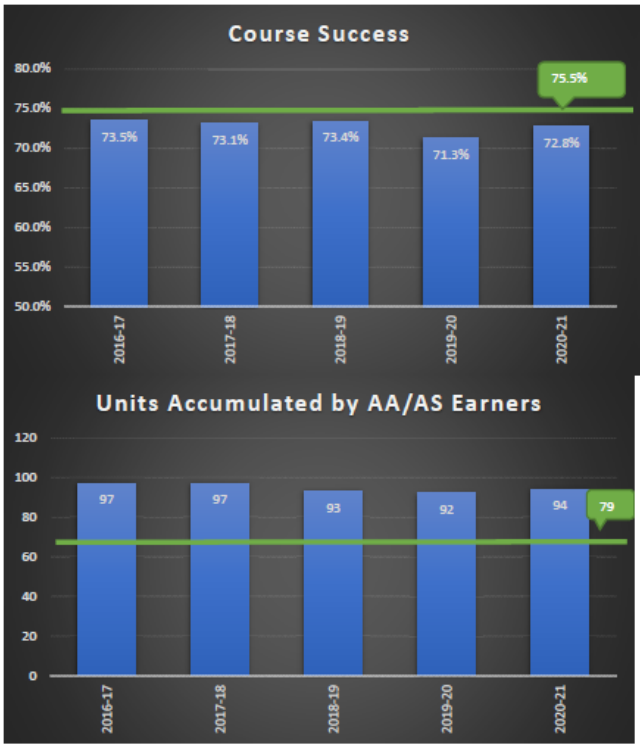
					2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Level 1	Level 2	Level 3	Level 4	Level 5	Success Rate	Success Rate	Success Rate	Success Rate	Success Rate
LMC	African..				63.1%	63.2%	63.0%	60.9%	62.1%
	America..				68.5%	66.7%	62.9%	63.6%	69.6%
	Asian				78.9%	80.9%	80.1%	80.6%	82.5%
	Filipino				79.6%	80.1%	78.8%	77.8%	77.2%
	Hispanic				73.1%	72.1%	72.8%	70.8%	71.3%
	Multi_E..				70.4%	70.4%	71.1%	68.9%	70.9%
	Other/U..				80.9%	73.5%	72.3%	63.7%	76.9%
	Pacific_..				72.4%	68.8%	65.8%	61.9%	67.8%
	White_..				79.3%	78.6%	79.4%	77.3%	78.4%
Grand Total					73.5%	73.1%	73.4%	71.3%	72.8%

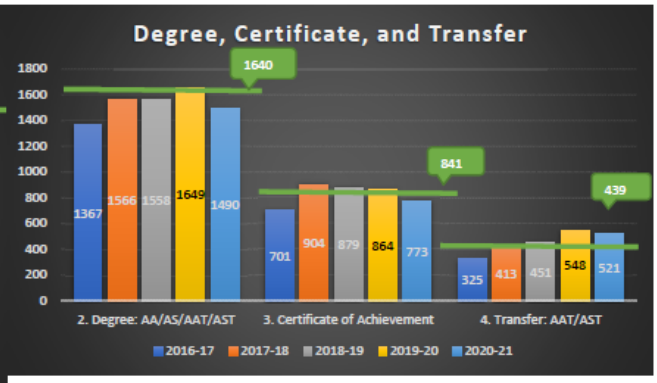
You then will be able to answer question **2.b.**

Institution-Set-Standard
Vision for Success

LMC Institution Set Standard
Vision for Success

	2016-17	2017-18	2018-19	2019-20	2020-21	Institution Set Standard Baseline 2016-17	Stretch Goal
1. Course Success	73.5%	73.1%	73.4%	71.3%	72.8%	73.5%	75.5%
2. Degree: AA/AS/AAT/AST	1367	1566	1558	1649	1490	1367	1640
3. Certificate of Achievement	701	904	879	864	773	701	841
4. Transfer: AAT/AST	325	413	451	548	521	325	439
5. Number of Units Accumulated by AA/AS Earners	97	97	93	92	94	97	79





Stretch Goal:

1. Course Success: Stretch Goal=2% increase from the Baseline.
2. Degree: Stretch Goal =20% from the Baseline. 25% from the Baseline for Equity Groups.

3. Certificate of Achievement: Stretch Goal =20% from the Baseline. 25% from the Baseline for Equity Groups.

4. Transfer: Stretch Goal =35% from the Baseline. 40% from the Baseline for Equity Groups.

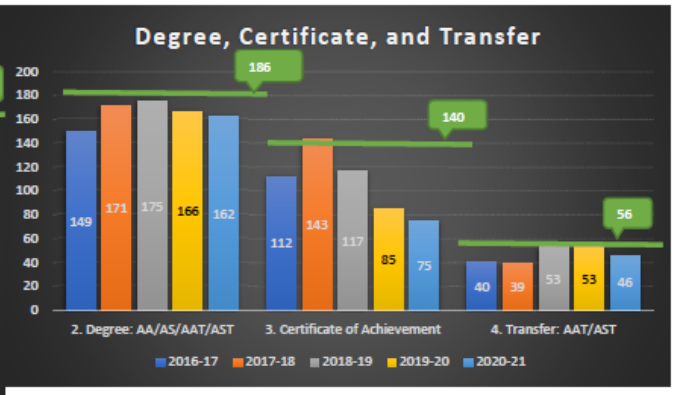
5. Number of Units Accumulated by AA/AS Earners: Stretch Goal=79. (~18%). 25% for Equity Groups.

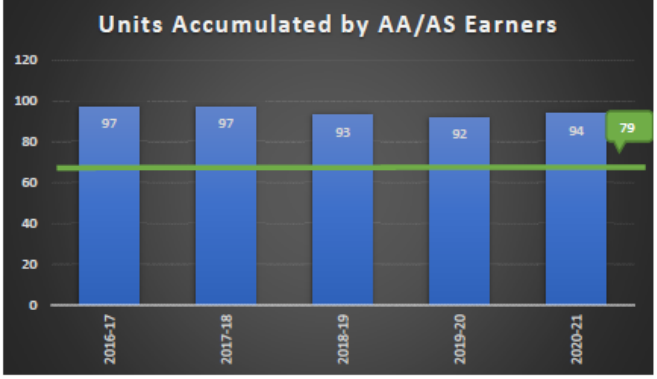
Data Source:

4CD Course Success View Tableau
4CD Degree Award Tableau
4CD Degree/Certificate View Tableau
Data Extracted: 7.21.2021

LMC Institution Set Standard
Vision for Success
African American Student

African American Student	2016-17	2017-18	2018-19	2019-20	2020-21	Institution Set Standard Baseline 2016-17	Stretch Goal
1. Course Success	63.1%	63.3%	63.3%	60.9%	62.1%	63.1%	65.1%
2. Degree: AA/AS/AAT/AST	149	171	175	166	162	149	186
3. Certificate of Achievement	112	143	117	85	75	112	140
4. Transfer: AAT/AST	40	39	53	53	46	40	56
5. Number of Units Accumulated by AA/AS Earners	99	98	98	90	104	99	79





Stretch Goal:

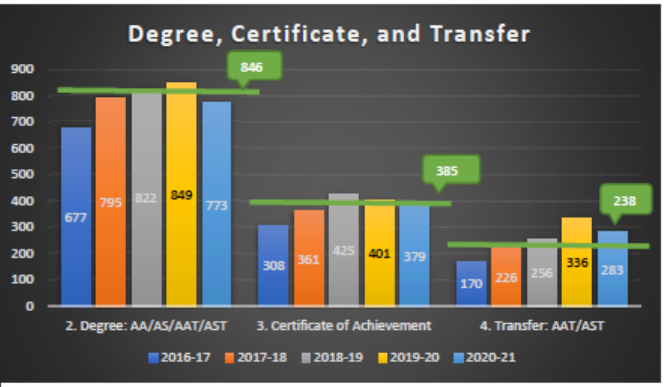
1. Course Success: Stretch Goal=2% increase from the Baseline.
2. Degree: Stretch Goal =20% from the Baseline. 25% from the Baseline for Equity Groups.
3. Certificate of Achievement: Stretch Goal =20% from the Baseline. 25% from the Baseline for Equity Groups.
4. Transfer: Stretch Goal =35% from the Baseline. 40% from the Baseline for Equity Groups.
5. Number of Units Accumulated by AA/AS Earners: Stretch Goal=79.

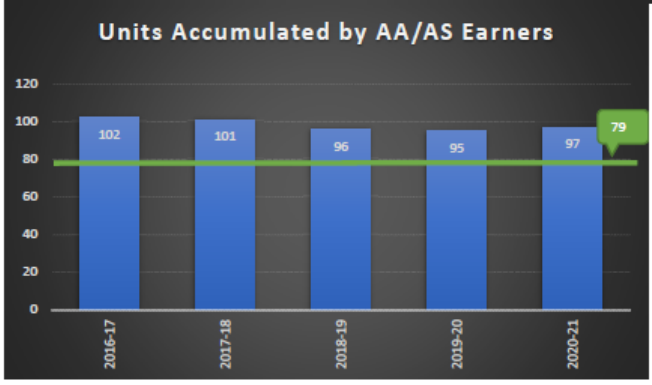
Data Source:

4CD Course Success View Tableau
4CD Degree Award Tableau
4CD Degree/Certificate View Tableau
Data Extracted: 7.21.2021

LMC Institution Set Standard
Vision for Success
Low Income Student

Low Income Student	2016-17	2017-18	2018-19	2019-20	2020-21	Institution Set Standard Baseline 2016-17	Stretch Goal
1. Course Success	71.5%	71.1%	72.5%	70.2%	72.5%	71.5%	73.5%
2. Degree: AA/AS/AAT/AST	677	795	822	849	773	677	846
3. Certificate of Achievement	308	361	425	401	379	308	385
4. Transfer: AAT/AST	170	226	256	336	283	170	238
5. Number of Units Accumulated by AA/AS Earners	102	101	96	95	97	102	79





Stretch Goal:

1. Course Success: Stretch Goal=2% increase from the Baseline.
2. Degree: Stretch Goal =20% from the Baseline. 25% from the Baseline for Equity Groups.

3. Certificate of Achievement: Stretch Goal =20% from the Baseline. 25% from the Baseline for Equity Groups.

4. Transfer: Stretch Goal =35% from the Baseline. 40% from the Baseline for Equity Groups.

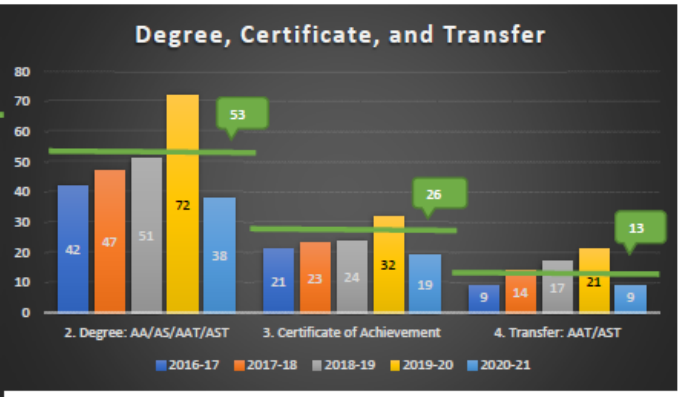
5. Number of Units Accumulated by AA/AS Earners: Stretch Goal=79.

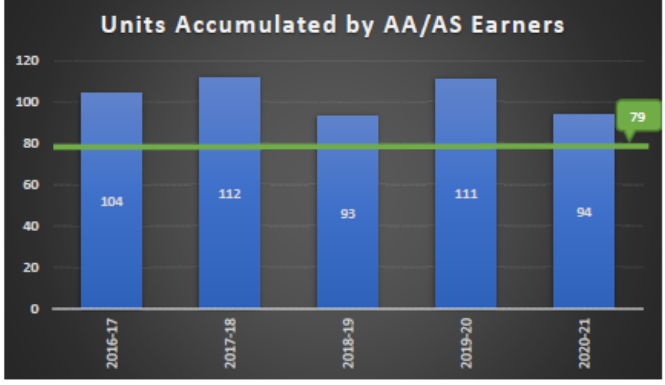
Data Source:

4CD Course Success View Tableau
4CD Degree Award Tableau
4CD Degree/Certificate View Tableau
Data Extracted: 7.21.2021

LMC Institution Set Standard
Vision for Success
Foster Youth Student

Foster Youth Student	2016-17	2017-18	2018-19	2019-20	2020-21	Institution Set Standard Baseline 2016-17	Stretch Goal
1. Course Success	62.7%	59.2%	62.3%	62.8%	58.4%	62.7%	64.7%
2. Degree: AA/AS/AAT/AST	42	47	51	72	38	42	53
3. Certificate of Achievement	21	23	24	32	19	21	26
4. Transfer: AAT/AST	9	14	17	21	9	9	13
5. Number of Units Accumulated by AA/AS Earners	104	112	93	111	94	104	79





Stretch Goal:

1. Course Success: Stretch Goal=2% increase from the Baseline.
2. Degree: Stretch Goal =20% from the Baseline. 25% from the Baseline for Equity Groups.
3. Certificate of Achievement: Stretch Goal =20% from the Baseline. 25% from the Baseline for Equity Groups.
4. Transfer: Stretch Goal =35% from the Baseline. 40% from the Baseline for Equity Groups.
5. Number of Units Accumulated by AA/AS Earners: Stretch Goal=79. (~18%)

Data Source:

4CD Course Success View Tableau
4CD Degree Award Tableau
4CD Degree/Certificate View Tableau
Data Extracted: 7.21.2021

Data Dictionary

4CD Los Medanos College Data Dictionary

Course Success View Dashboard:

This dashboard provides course section information for each course eenrollment per term and student. It can be used to analyze enrollment, completion, and success rates.

Dimension Name	Dimension Description	Type
Academic Year	The academic year in which this course section was taught.	Course
Age	The student's current age calculated by finding the difference between the start of term date and the student's birth date.	Student
Age Group	The student's age group based on their current age. The age groups are Less than 20; 20 to 24; 25 to 39; 40 or more; and Unknown.	Student
Attendance	The attendance type associated with this course section.	Course
Attendance Type Group	The attendance type group associated with this course section, based on the associated attendance type. Types are grouped into Daily, Weekly, Positive Attendance, Not State Supported, and Unidentified.	Course
Basic Skills	This field indicates whether or not the associated course section is considered a basic skills course.	Course
Course College	The college by which the course is offered. This is derived based on the course section's campus locaiton.	Course
Course	The department description plus Deparment Id which is a 5-digit code that starts with the first letter of campus' name.	Course
Course Division	The division description plus Division Id which is a 3-digit code that starts with the first letter of the campus' name.	Course
Course Max	The maximum enrollment allowed for this course section.	Course
Course Name	The name of the course.	Course
Course	The course number.	Course
Course Section	The unique course section identifier.	Course
Course Subject	The course subject.	Course
Cross-Listed	This field is a yes or no indicating whether or not a course is cross listed.	Course
CTE	This field is a yes or no indicating whether or not the course qualifies as a CTE course. A course is considered CTE if it is either an Apprenticeship, Advanced Occupational, or Clearly Occupational.	Course
CTE Details	This field provides more detailed information about CTE courses.	Course
Current Educational Goal	The student's current educational goal as reported most recently by the student.	Student

Dimension Name	Dimension Description	Type
Low Income	This field is a yes or no indicating whether or not the student is considered low income. A student is considered low income if they received BOGGA or BOGGB in this term.	Student
Major	The student's currently active major. Currently, "currently active" is based on random selection for students with more than one major.	Student
Online	This field indicates whether the associated course section is delivered face-to-face (REG), less than 50% online (HYB1), between 51% and 99% online (HYB2) or 100% online (ONL).	Course
Orientation	This field is a yes or no indicating whether or not the student attended orientation.	Student
Student Home	The student's primary college.	Student
Student ID	The unique ID of the student associated with this course registration.	Student
Student Type	The student's current status, including: "New", "Continuing", and "Returning". New students are in their first academic year. Continuing students are students how have not missed any major terms (fall and spring) during their tenure, while returning students are those student who have missed a major term somewhere along the way. *-New students: Students that show up with a valid transaction in an specific term and don't have any previous valid transactions are coded as New students (this includes special admin students like CONSH).* *-Continuing students: Students with a valid transaction in an specific term and have a valid transaction in the previous term. (i.e. students enrolled in the Fall2020 and have enrolled in SP2020 or SU2020).* *-Returning students: Students with a valid transaction in an specific term and have NOT a valid transaction in the previous term but with valid transactions in other previous terms. (i.e. students enrolled in the Fall2020 and have NOT enrolled in SP2020 or SU2020 and have enrollments in FA2019 or before).*	Student
Term	The term in which this course section was taught.	Course
Term Type	The term type (fall, spring, summer) in which this course section was taught.	Course
Total Units	The total number of units the student has earned up to this term.	Student
Transferable Status	This term indicates whether or not the course is transferable to the University of California (UC) and/or to the California State University (CSU) systems on the basis of articulation agreements. A = Transferable to both UC and CSU B = Transferable to CSU only C = Not transferable	Course
Veteran	This field is a yes or no indicating whether or not the student recieves veteran benefits.	Student

Dimension Name	Dimension Description	Type
Measure Name	**Measure Description**	
Completion	This measures the number of students enrolled in a section complete that section. Completion is determined based on the existance of any of the following grades: 'A', 'B', 'C', 'CR', 'D', 'F', 'IA', 'IB', 'IC', 'ID', 'IF', 'INP', 'IP', 'IX', 'NC', 'NP', 'P', 'RD'.	
Completion Rate	This is the number of completions (as described above) divided by the total number enrolled (as described below).	
Course Max	The average maximum units offered for each course section taught this term.	
Course Min	The average minimum units offered for each course section taught this term.	
Enrollments	The duplicated number of students enrolled for courses this term. If a student is taking four courses in Fall 2017, they would be counted four times. The enrollment # is the end of term.	
Success	The number of students who recieved a passing grade ('A', 'B', 'C', 'CR', 'IA', 'IB', 'IC', 'IP', 'P') this term.	
Success Rate	The number of students who recieved a passing grade ('A', 'B', 'C', 'CR', 'IA', 'IB', 'IC', 'IP', 'P') this term divided by the total number enrolled this term.	
Term Unit Load	The average number of units taken for each student. This can be used to analyze correlation between success rates and unit load.	

4CD Los Medanos College Data Dictionary	
Degree and Certificate View Tashboard: **This dashboard provides completion data by term. It can be used to analyze retention and graduation rates for every degree or certificate awarded for a given term.**	
Dimension Name	**Dimension Description**
Age	The student's current age calculated by finding the difference between the degree completion date and the student's birth date.
Age Group	The student's age group based on their current age. The age groups are Less than 20; 20 to 24; 25 to 39; 40 or more; and Unknown.
Assessment	A yes or no indicating whether or not a student went through the assessment process at their campus.
College	The college that awarded the student's degree or certificate.
Completed Academic	The academic year in which this student completed their degree.
Completed Degree	The degree or certificate associated with this student for this term. There can be more than one degree/per student, in which case the student will show for each degree they received.
Degree Completion	The date on which the degree was completed.
Completion Term	The term in which the student completed their degree or certificate.
Completion Term	Fall, Spring, or Summer - corresponding to the term in which the student completed this degree or certificate.
Degree Program	The program associated with the student's degree.
Degree Start Date	The start date associated with the student's degree. This date is self-reported and may be inaccurate due to the student not reporting when they started pursuing their degree or certificate.
Educational Goal	The student's current educational goal as reported most recently by the student.
Ethnicity	The studen't self identified ethnic background.
First Generation	This field is a yes or no indicating whether or not the student is considered first generation. A student is first generation if no parent or guardian has earned more than a high school diploma nor has any college experience.
Foster Youth	This field is a yes or no indicating whether or not the student is considered foster youth based on their FAFSA. A student is considered foster youth if at any time since age 13 both parents were deceased, they were in foster care or a they were a dependent or ward of the court.
Gender	The student's self-identified gender. Values include Female, Male, and Unknown.
HS Grad Year	The student's self-reported highschool graduation year.
HS Name	The name of the highschool from which the student graduated. If the student did not graduate, it is the name of the highschool they last attended.
International Student	This field is a yes or no indicating whether or not the student is an international student based on their visa status.
Student ID	The student's ID. NOTE: this is only available for some individuals - if you do not see this option and feel you should, please contact your Tableau Administrator.
Veteran	This field is a yes or no indicating whether or not the student recieves veteran benefits.
Measure Name	**Measure Description**
2yr Graduation Rate	If the student's duration is <=2 they are counted in this graduation rate.
4yr Graduation Rate	If the student's duration is <=4 they are counted in this graduation rate.
6yr Graduation Rate	If the student's duration is <=6 they are counted in this graduation rate.
8yr Graduation Rate	If the student's duration is <=8 they are counted in this graduation rate.
Avg Degree Duration	The number of years between the start of the degree and its completion. If the student has reported they are attempting their degree, this is the difference between the Degree Start Date & the Degree Completion Date. If the student has not reported this date, this is based on the duration entered through the recruiting & admissions process on the AACR screen.
Number of Records	The count of degrees & certificates for the selected row and column level groupings.