SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • CONTINUING EDUCATION

Career Education Biennial Review

San Diego Miramar College

Career Education Program Evidence

July 2020

Program Review Equity Data Dashboard

San Diego Miramar College's Program Review Equity Data Dashboard (PREDD) is designed to support the instructional program review with program-level and course-level achievement data infusing an equity lens.

- The PREDD provides enrollment, outcome, productivity, and award data at school, program, and course level disaggregated by multiple Disproportionate Impact (ID) populations.
- Both single year snap shot and 5-year trend analysis are included in the PREDD for each data element.
- The PREDD is an interactive dashboard and not designed for printing.

PREDD enrollment, five-year trends, and awards information is included for sixteen (16) program areas.

San Diego Imperial Valley Centers of Excellence Program Fact sheets are provided for seven (7) program areas where PREDD content was not available. Program fact sheets provide information by TOP Code for:

- List of certificates and degrees
- Supply gap analysis (Including annual job openings, and annual awards, and education, training, and wage information)
- Annual awards conferred
- Enrollment trends
- Course retention and Success
- Employment Information (including % of students who obtained a job closely related to their field of study, median change in earnings, percent of student who attained a living wage)

The following program areas are included in this report:

Accounting	Page 1
Administration of Justice	Page 4
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Bio Technology	Page 13
Business Administration	Page 16
Business Management	Page 19
Child Development	Page 22
Computer & Information Science	Page 25
Computer Business Technology	Page 28
Diesel Technology	Page 31
Emergency Medical Technician	Page 34
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Financial Services	

050400 Banking and Finances Page 40
Fire Page 47
Fitness Specialist
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Medical Laboratory Technology Page 57
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Public Safety
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210550 Police Academy Page 84

Career & Technical Education Employment Outcomes Survey

2019 College Report Page 91

Awards by School

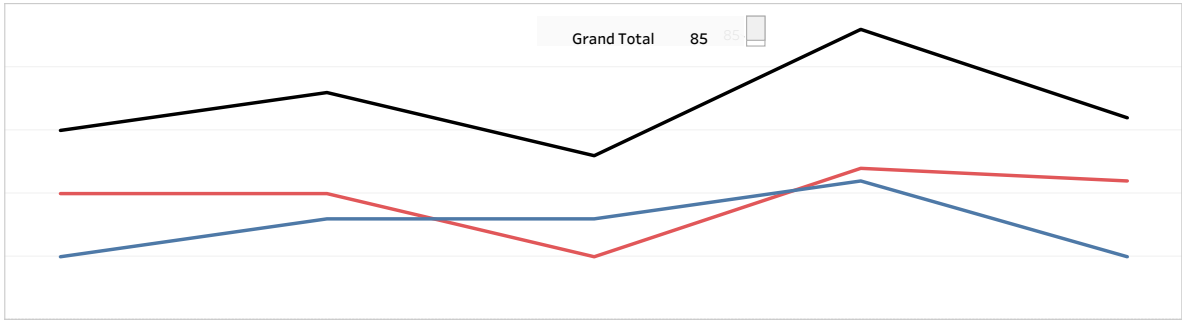
		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		**15**	**18**	**13**	**23**	**16**	**85**
School Total		**15**	**18**	**13**	**23**	**16**	**85**
AA/AS DEGREE	Total	**5**	**8**	**8**	**11**	**5**	**37**
	ACCOUNTANCY	5	8	8	11	5	**37**
CERTIFICATE 29 OR FEWER UNITS	Total	**10**	**10**	**5**	**12**	**11**	**48**
	ACCOUNTANCY	10	10	5	12	11	**48**

School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
- [x] CERTIFICATE 30 TO 59 UNITS
- [x] CERTIFICATE 60 OR MORE UNITS

Program
ACCOUNTANCY

Awards by type over time



How do I read these charts?
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How do I interpret these data?
Given new performance-based funding metrics in which state money is distributed, in part, based on the number of awards granted and transfers, this data is extremely important. Questions you may ask about the data include:

· What is the trend in the number of awards granted? What are the reasons for this trend? If the number of awards is falling, why? What are some strategies for increasing the number of awards granted that center student access, equity, and success? If the number of awards is increasing, what, if any, are the best practices that have been implemented to increase these numbers? How can these best practices be scaled up and shared college-wide?

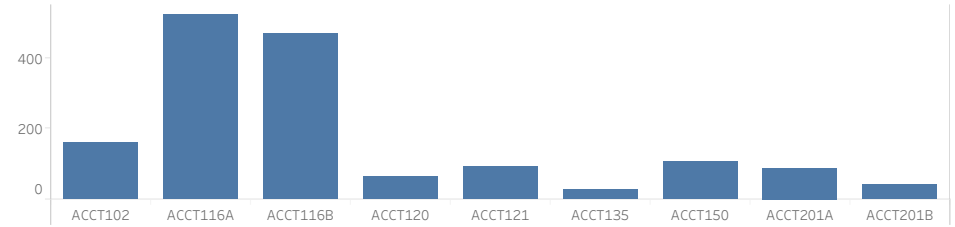
Award Type
- AA/AS DEGREE
- CERTIFICATE 29 OR FEWER UNITS

Enrollment and Student Outcomes

Academic Year	Subject	Course	Drill Down
2018/19	Accountancy	All	(None)

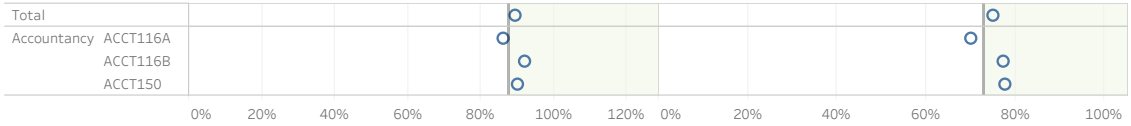
Enrollment

Grand Total: 1,569



Legend
total

Student outcomes



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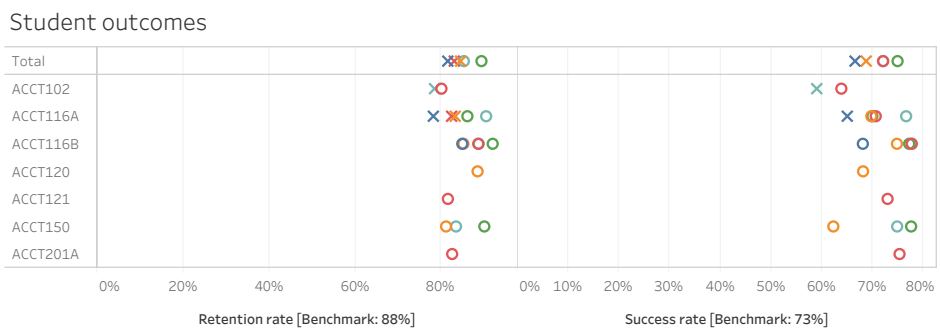
Overview of Course-level Outcomes: Five-Year Trend



Academic Year
- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Accountancy

Course: All

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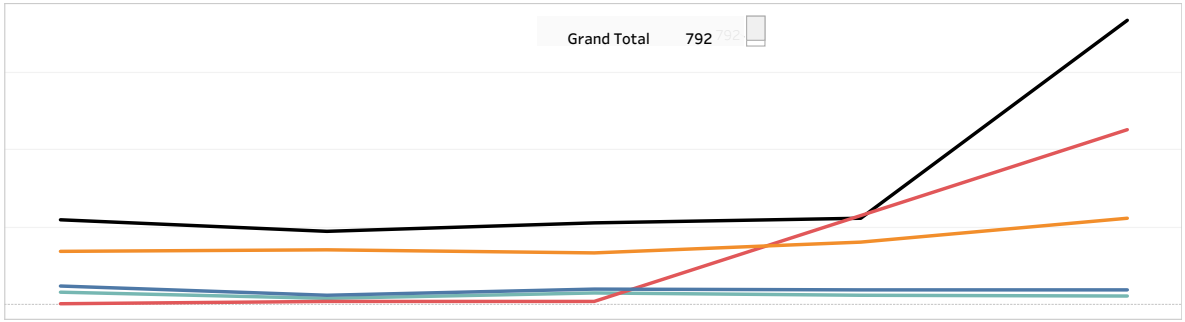
Having trouble figuring out what these data mean, or interested in implementing a new program or initiative to improve student outcomes and want help measuring its effectiveness? Contact PRIE for assistance.

Awards by School

		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		**110**	**95**	**106**	**112**	**369**	**792**
School Total						4	4
AA/AS DEGREE	Total					2	2
	ADMINISTRATIVE ASSISTANT					2	2
CERTIFICATE 29 OR FEWER UNITS	Total					2	2
	ADMINISTRATIVE ASSISTANT					2	2
School Total		110	95	106	112	365	788
AA/AS DEGREE	Total	24	12	20	19	17	92
	ADM OF JUST-CONTEMP POLICE TEC	6	1	8	5	3	23
	ADMIN OF JUST-CORRECTIONS		1				1
	ADMIN OF JUST-INVESTIGATIONS	5	8	4	3	5	25
	ADMIN OF JUST-LAW ENFORCEMENT	10	2	8	11	9	40
	ADMIN OF JUSTICE FOR TRANSFER	3					3
ADT	Total	69	71	67	81	112	400
	ADMIN OF JUSTICE FOR TRANSFER	69	71	67	81	112	400

Awards by type over time



School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
- [x] CERTIFICATE 30 TO 59 UNITS
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Program
Multiple values

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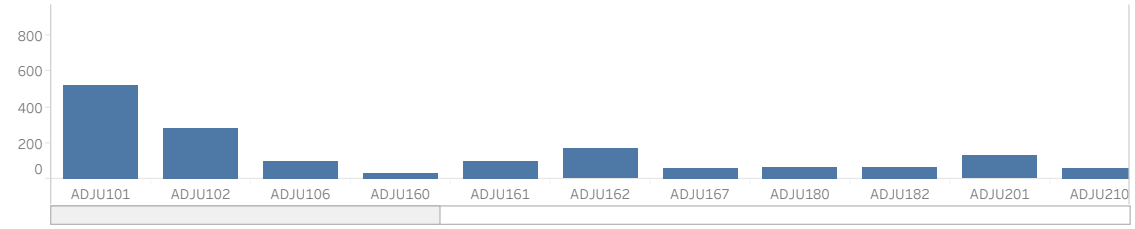
- AA/AS DEGREE
- ADT
- CERTIFICATE 29 OR FEWER UNITS
- CERTIFICATE 30 TO 59 UNITS

Enrollment and Student Outcomes

Academic Year	Subject	Course	Drill Down
2018/19	Administration of Justice	All	(None)

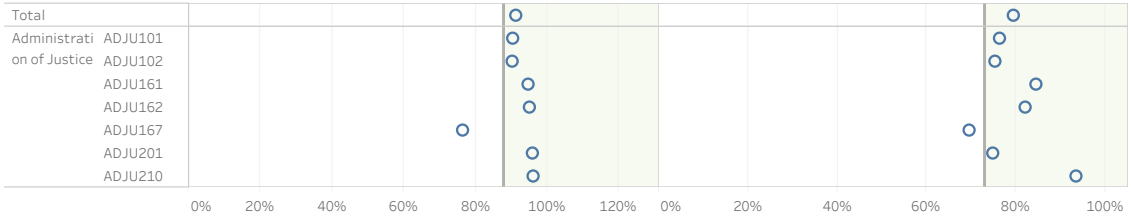
Enrollment

Grand Total: 5,619



Legend
total

Student outcomes



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Overview of Course-level Outcomes: Five-Year Trend

SAN DIEGO MIRAMAR COLLEGE

Student outcomes

Academic Year
- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Administration of Justice

Course: All

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Awards by School

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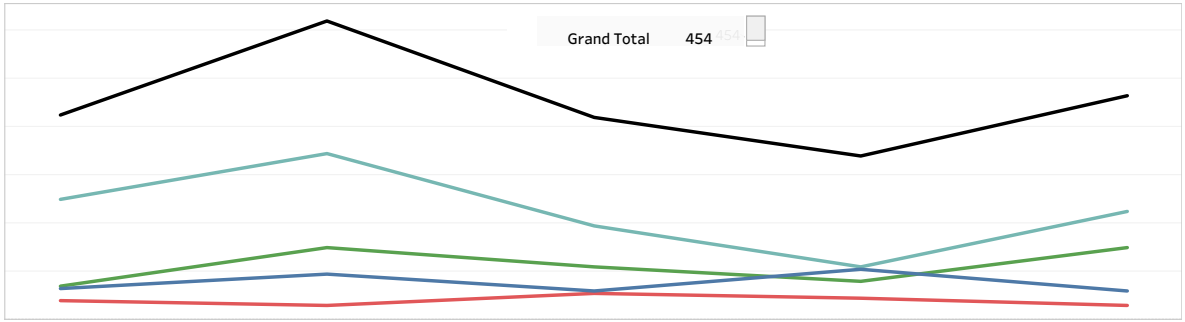
Grand Total		**85**	**124**	**84**	**68**	**93**	**454**
School Total		**85**	**124**	**84**	**68**	**93**	**454**
AA/AS DEGREE	Total	**13**	**19**	**12**	**21**	**12**	**77**
	AV MNT TECH-AIRFRAME/POWERPLNT	6	8	8	17	7	**46**
	AVIA BUSINESS ADMIN	2	3	4	2	5	**16**
	AVIA-PROFESSIONAL PILOT		1				**1**
	AVIATION MAINT TECH-AIRFRAME		2				**2**
	AVIATION MAINT TECH-GEN STUD	1	3		1		**5**
	AVIATION MAINT TECH-POWERPLANT	2	1		1		**4**
	AVIATION OCCUP-FLIGHT OPERATS	1					**1**
	AVIATION OPERATIONS-MANAGEMENT	1	1				**2**
CERTIFICATE 29 OR FEWER UNITS	Total	**8**	**6**	**11**	**9**	**6**	**40**
	AVIA MAINT TECH-PILOT STUDIES				1		**1**
	AVIA OPS-PROFESSIONAL PILOTING	4	4	7	5	3	**23**
	AVIATION OPERATIONS-MANAGEMENT	4	2	4	3	3	**16**

Awards by type over time



School

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Program
Multiple values

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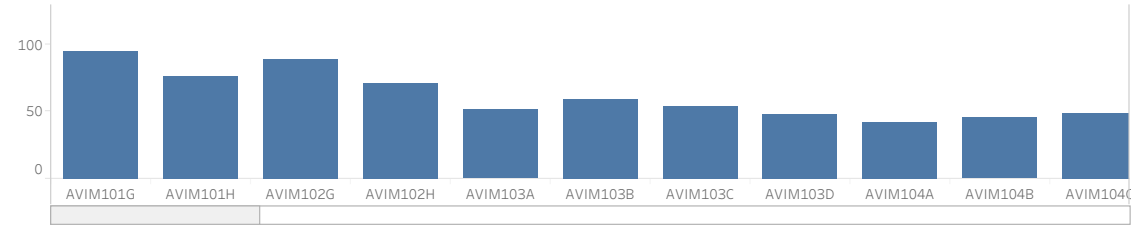
Enrollment and Student Outcomes

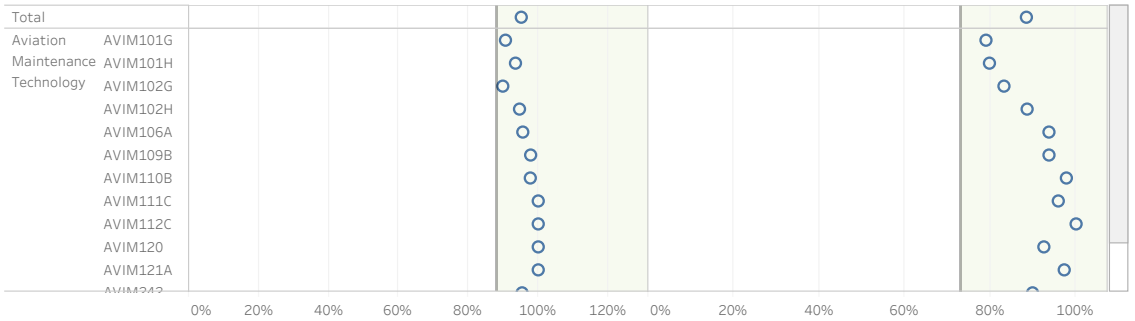
Academic Year	Subject	Course	Drill Down
2018/19	Multiple values	All	(None)

Enrollment

Grand Total: 2,584



Student outcomes



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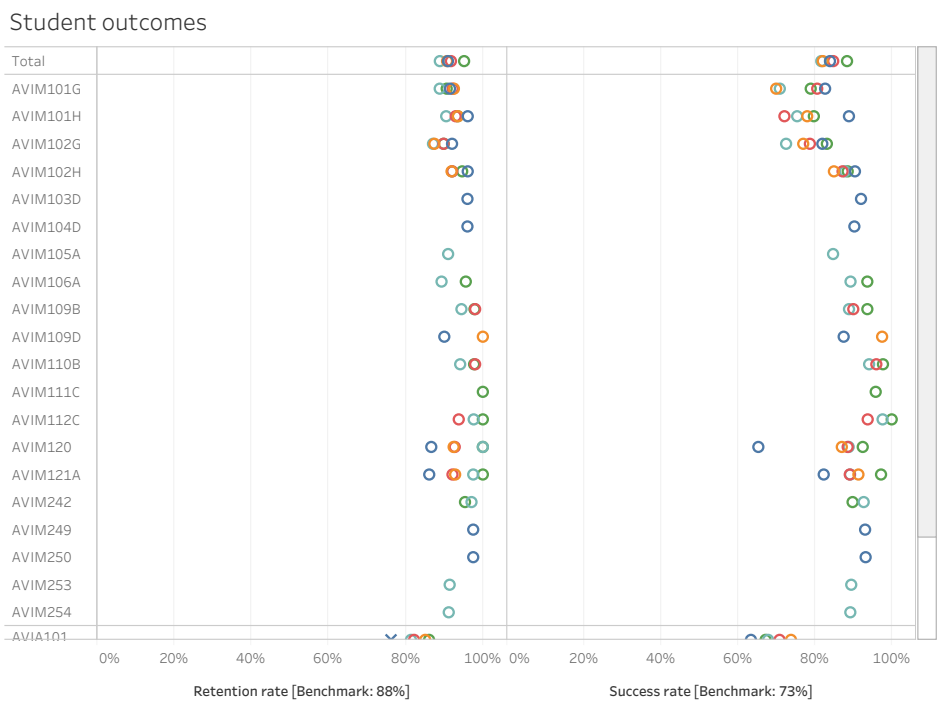

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- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Multiple values

Course: All

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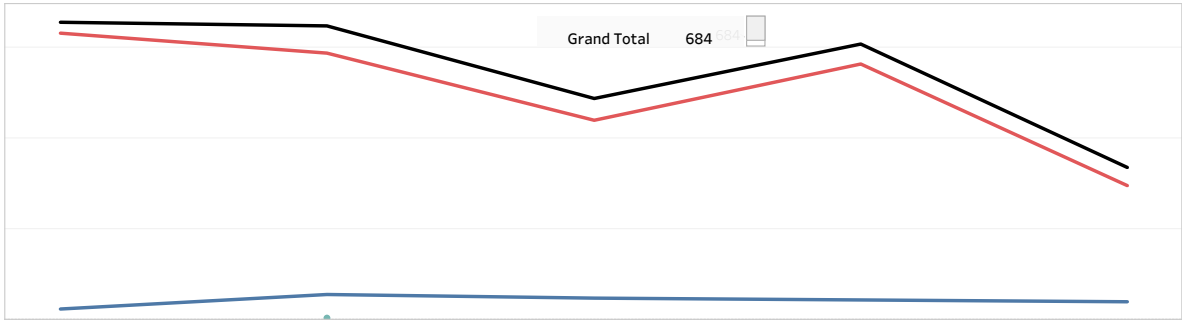
Grand Total		**164**	**162**	**122**	**152**	**84**	**684**
School Total		**164**	**162**	**122**	**152**	**84**	**684**
AA/AS DEGREE	Total	**6**	**14**	**12**	**11**	**10**	**53**
	AUTOMOTIVE TECHNOLOGY	6	14	12	11	10	53
CERTIFICATE 29 OR FEWER UNITS	Total	**158**	**147**	**110**	**141**	**74**	**630**
	AUTO CHASSIS					1	1
	AUTO ENGINE PERFORMANCE					1	1
	AUTO TECH - AUTO BRAKES & SUSP		1				1
	AUTO TECH - AUTO CHASSIS	43	20	27	36	21	147
	AUTO TECH - AUTO ELECTRIC	41	42	28	35	17	163
	AUTO TECH - AUTO ENGINE		1				1
	AUTO TECH - AUTO ENGINE PERF	38	42	27	34	16	157
	AUTO TECH - AUTO TRANSMISSION	36	41	28	36	17	158
	AUTO TRANSMISSIONS					1	1
CERTIFICATE 30 TO	Total		1				1

Awards by type over time



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Award Type
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Program
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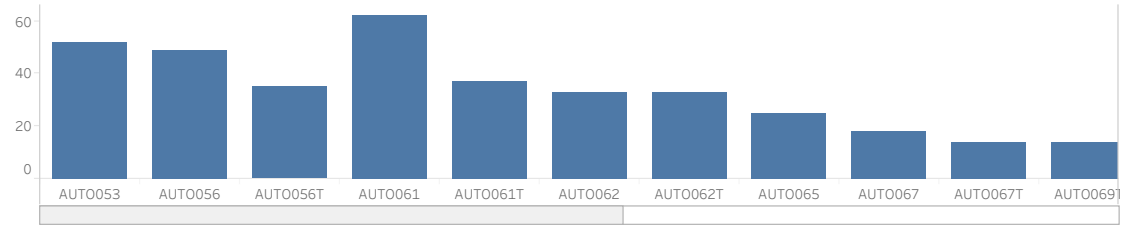
- CERTIFICATE 30 TO 59 UNITS

Enrollment and Student Outcomes

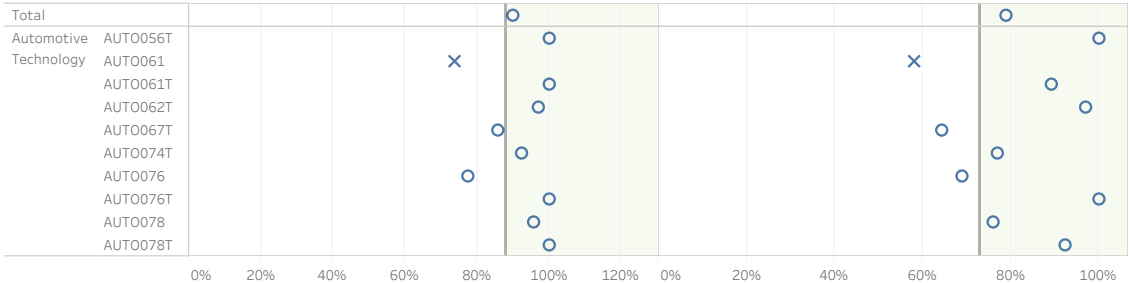
Academic Year	Subject	Course	Drill Down
2018/19	Automotive Technology	All	(None)

Enrollment

Grand Total: 614



Student outcomes



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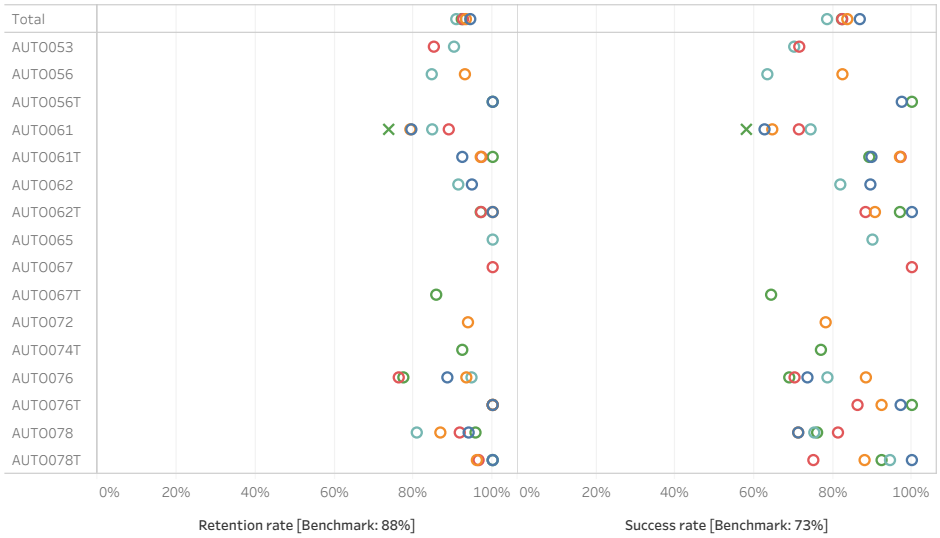
Overview of Course-level Outcomes: Five-Year Trend

SAN DIEGO MIRAMAR COLLEGE

Student outcomes



Academic Year
- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Automotive Technology

Course: All

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Awards by School

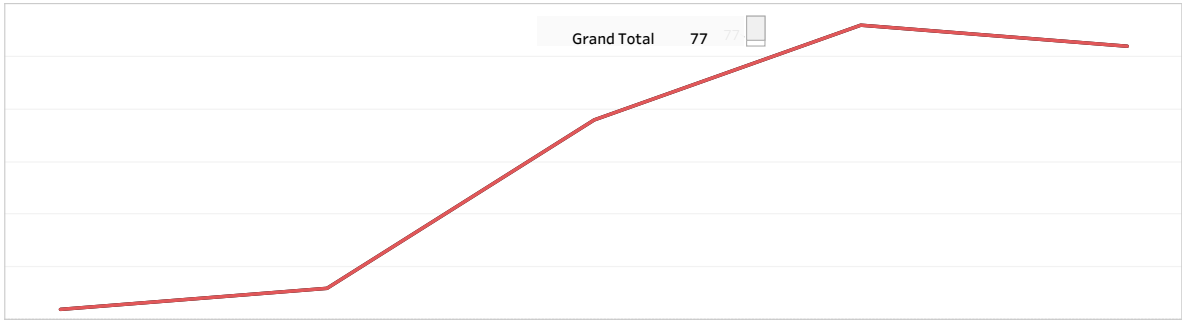
		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		1	3	19	28	26	77
School Total		1	3	19	28	26	77
CERTIFICATE 29 OR FEWER UNITS	Total	1	3	19	28	26	77
	BIOTECHNOLOGY	1	3	19	28	26	77

School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
- [x] CERTIFICATE 30 TO 59 UNITS
- [x] CERTIFICATE 60 OR MORE UNITS

Program
BIOTECHNOLOGY

Awards by type over time



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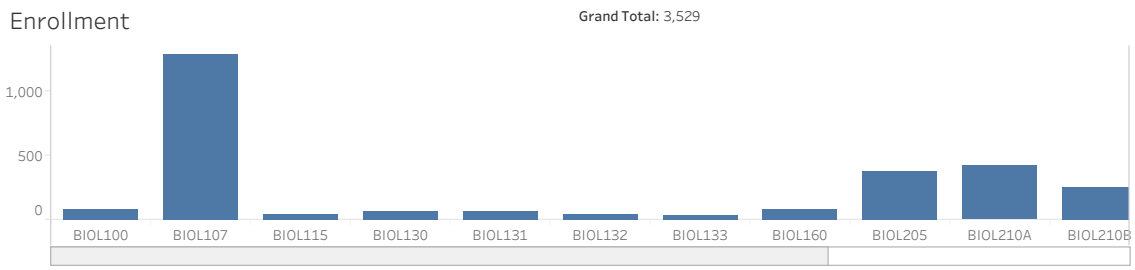
Award Type
CERTIFICATE 29 OR FEWER UNITS

Enrollment and Student Outcomes

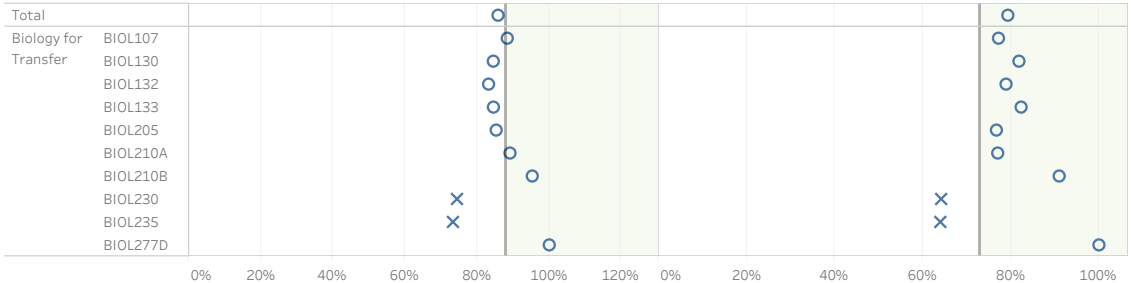
Academic Year	Subject	Course	Drill Down
2018/19	Biology for Transfer	All	(None)

Enrollment

Grand Total: 3,529



Student outcomes



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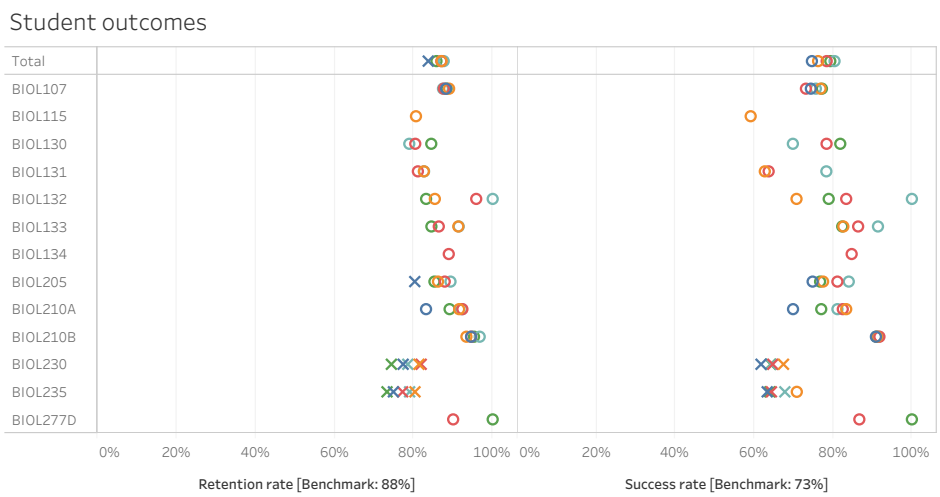
Overview of Course-level Outcomes: Five-Year Trend



Academic Year
2014/15
2015/16
2016/17
2017/18

Subject
Biology for Transfer

Course
All

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Awards by School

		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		**75**	**51**	**50**	**39**	**31**	**246**
School Total		**75**	**51**	**50**	**39**	**31**	**246**
AA/AS DEGREE	Total	**41**	**32**	**33**	**30**	**22**	**158**
	BUSINESS ADMINISTRATION	41	32	33	30	22	**158**
CERTIFICATE 29 OR FEWER UNITS	Total		**3**	**6**	**7**	**7**	**23**
	BUSINESS ADMINISTRATION		3	6	7	7	**23**
CERTIFICATE 30 TO 59 UNITS	Total	**34**	**16**	**11**	**2**	**2**	**65**
	BUSINESS ADMINISTRATION	34	16	11	2	2	**65**

School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
- [x] CERTIFICATE 30 TO 59 UNITS
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Program
BUSINESS ADMINISTRATION

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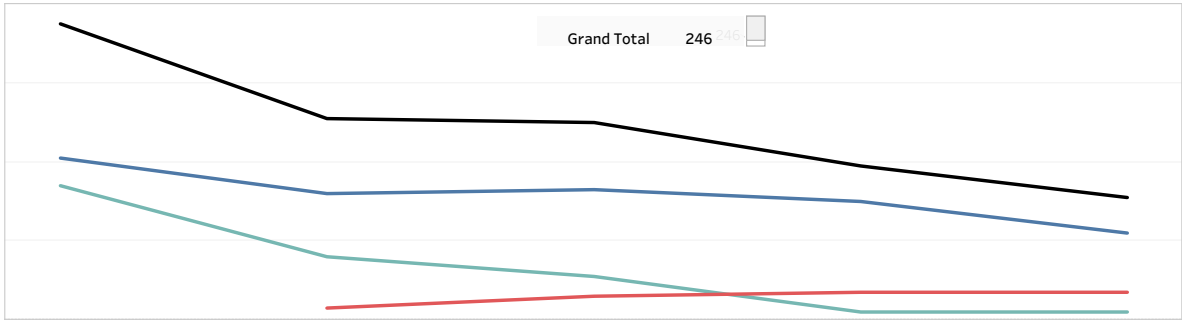
Awards by type over time



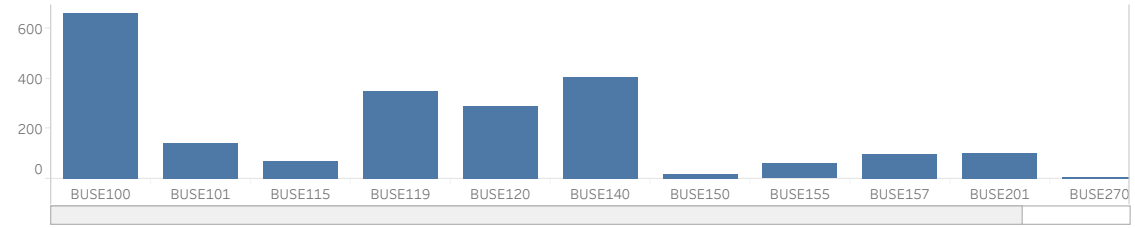
Award Type
- AA/AS DEGREE
- CERTIFICATE 29 OR FEWER UNITS
- CERTIFICATE 30 TO 59 UNITS

Enrollment and Student Outcomes

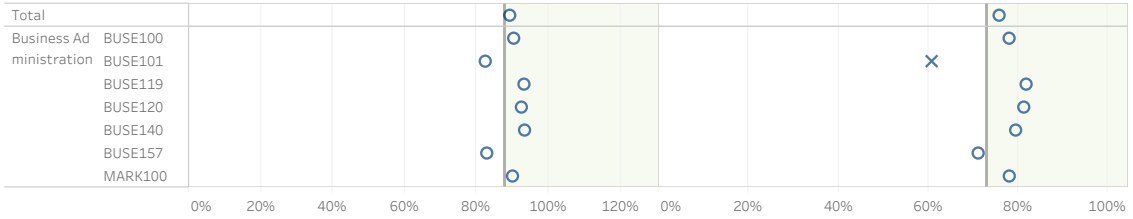
Academic Year	Subject	Course	Drill Down
2018/19	Business Administration	All	(None)

Enrollment

Grand Total: 2,596



Student outcomes



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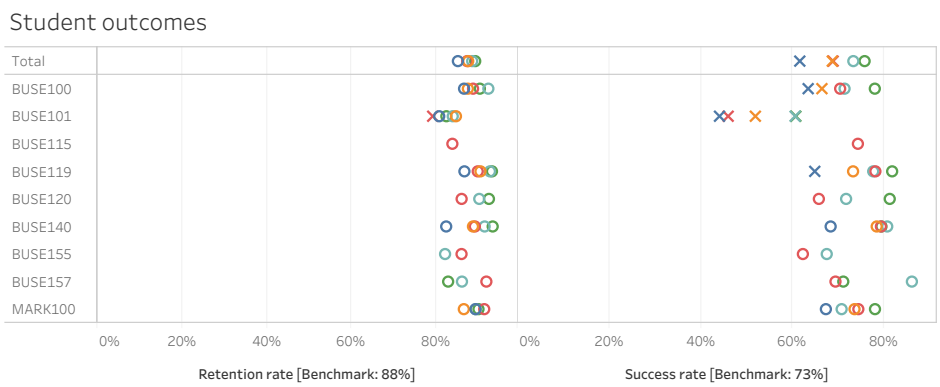
Overview of Course-level Outcomes: Five-Year Trend



Academic Year
- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Business Administration

Course: All

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School Total		**4**	**10**	**3**	**7**	**13**	**37**
AA/AS DEGREE	Total	**1**	**7**	**2**	**6**	**8**	**24**
	BUSINESS MANAGEMENT	1	7	2	6	8	**24**
CERTIFICATE 29 OR FEWER UNITS	Total					**3**	**3**
	BUSINESS MANAGEMENT					3	**3**
CERTIFICATE 30 TO 59 UNITS	Total	**3**	**3**	**1**	**1**	**2**	**10**
	BUSINESS MANAGEMENT	3	3	1	1	2	**10**

School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
- [x] CERTIFICATE 30 TO 59 UNITS
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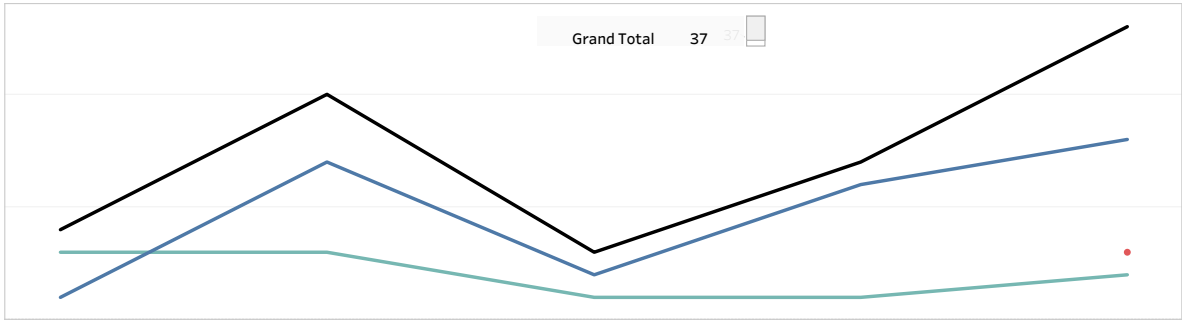
Program
BUSINESS MANAGEMENT

Awards by type over time



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- CERTIFICATE 30 TO 59 UNITS

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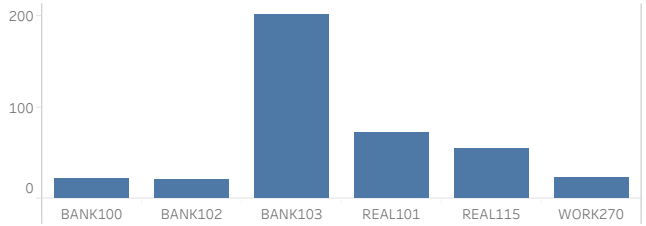
Enrollment and Student Outcomes

Academic Year	Subject	Course	Drill Down
2018/19	Business Management	All	(None)

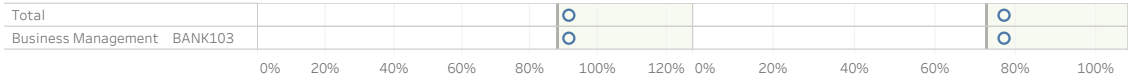
Enrollment

Grand Total: 393



Legend
total

Student outcomes



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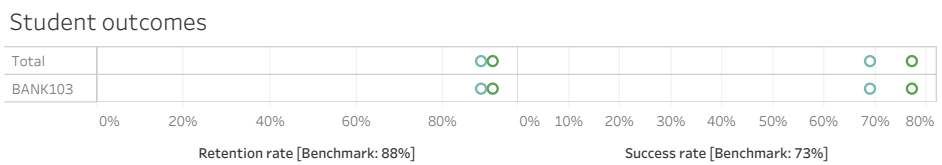

Academic Year
2017/18
2018/19

Subject
Business Management

Course
All

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Awards by School

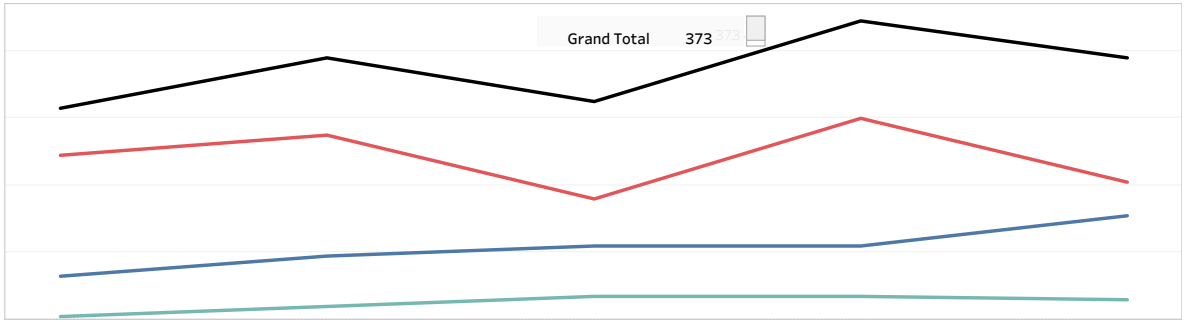
		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		**63**	**78**	**65**	**89**	**78**	**373**
School Total		**63**	**78**	**65**	**89**	**78**	**373**
AA/AS DEGREE	Total	**13**	**19**	**22**	**22**	**31**	**107**
	CHILD DEVELOPMENT	12	19	21	22	24	**98**
	CHILD DEVELOPMENT SITE SUPVSR	1		1		7	**9**
CERTIFICATE 29 OR FEWER UNITS	Total	**49**	**55**	**36**	**60**	**41**	**241**
	CHILD DEVELOPMENT TEACHER	18	24	13	27	17	**99**
	CHILD DEVELOPMNT ASSOC TEACHER	31	31	23	33	24	**142**
CERTIFICATE 30 TO 59 UNITS	Total	**1**	**4**	**7**	**7**	**6**	**25**
	CHILD DEVELOPMENT TEACHER				1		**1**
	CHILD DEVELOPMNT MASTER TEACHR	1	4	7	6	6	**24**

School

Program
Multiple values

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
- [x] CERTIFICATE 30 TO 59 UNITS
- [x] CERTIFICATE 60 OR MORE UNITS

Awards by type over time



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Award Type
- AA/AS DEGREE
- CERTIFICATE 29 OR FEWER UNITS
- CERTIFICATE 30 TO 59 UNITS

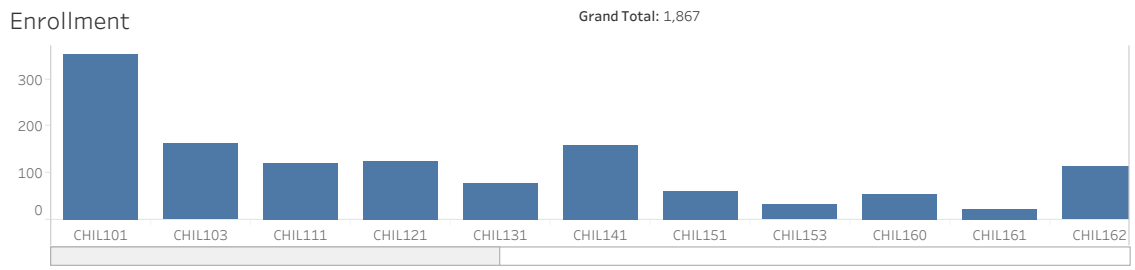
Enrollment and Student Outcomes

SAN DIEGO MIRAMAR COLLEGE

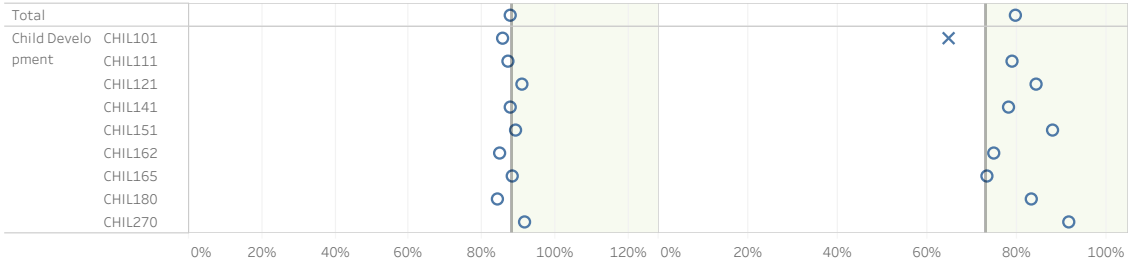
Academic Year	Subject	Course	Drill Down
2018/19	Child Development	All	(None)

Enrollment

Grand Total: 1,867



Student outcomes



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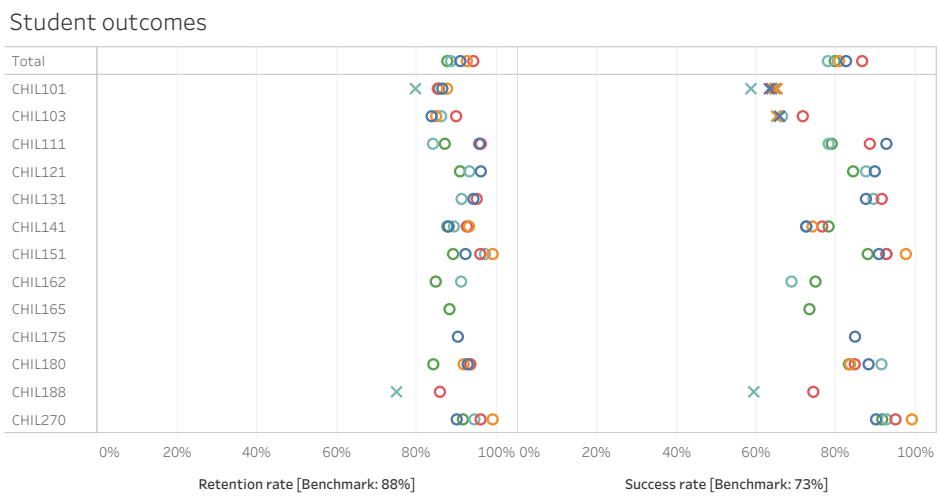
Overview of Course-level Outcomes: Five-Year Trend



Academic Year
- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Child Development

Course: All

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Awards by School

		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		**17**	**10**	**3**	**6**	**5**	**41**
School Total		**17**	**10**	**3**	**6**	**5**	**41**
AA/AS DEGREE	Total	**9**	**6**	**2**	**5**	**4**	**26**
	COMPUTER & INFORMATION SCIENCE	9	6	2	5	4	**26**
CERTIFICATE 30 TO 59 UNITS	Total	**8**	**4**	**1**	**1**	**1**	**15**
	COMPUTER & INFORMATION SCIENCE	8	4	1	1	1	**15**

School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
- [x] CERTIFICATE 30 TO 59 UNITS
- [x] CERTIFICATE 60 OR MORE UNITS

Program
COMPUTER & INFORMATION SCIENCE

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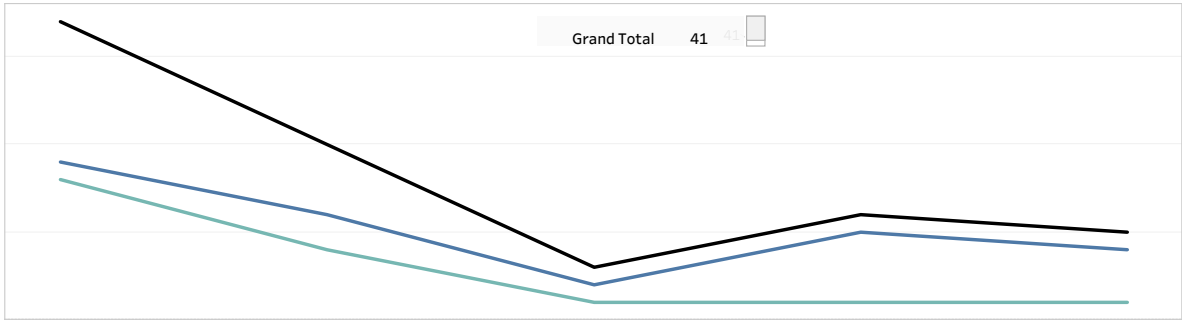
Awards by type over time



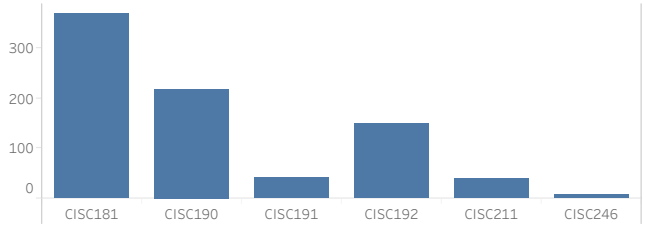
Award Type
- AA/AS DEGREE
- CERTIFICATE 30 TO 59 UNITS

Enrollment and Student Outcomes

Academic Year	Subject	Course	Drill Down
2018/19	Computer and Information Science	All	(None)

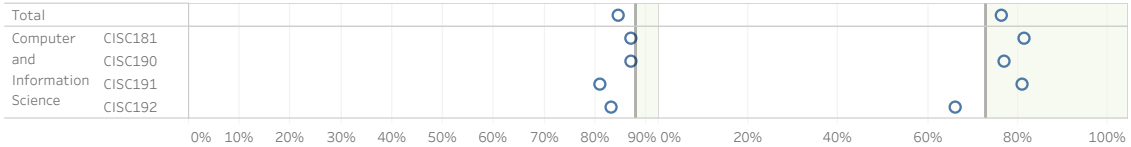
Enrollment

Grand Total: 824



Legend
total

Student outcomes



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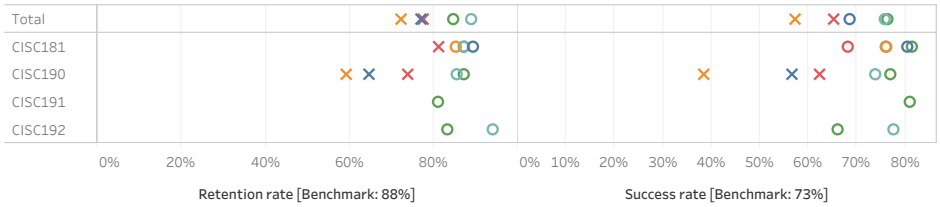
Overview of Course-level Outcomes: Five-Year Trend

Student outcomes



Academic Year
- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Computer and Information Science

Course: All

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Awards by School

		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		**12**	**13**	**3**	**7**	**5**	**40**
School Total		**12**	**13**	**3**	**7**	**5**	**40**
AA/AS DEGREE	Total	**3**	**6**	**1**	**4**	**4**	**18**
	CBT-ADMINISTRATIVE ASSISTANT	3	4	1	4	4	**16**
	CBT-MICROCOMPUTER APPL		2				**2**
CERTIFICATE 29 OR FEWER UNITS	Total	**6**	**6**	**1**	**3**		**16**
	CBT-ADMINISTRATIVE ASSISTANT	5	5	1	3		**14**
	CBT-MICROCOMPUTER APPL	1	1				**2**
CERTIFICATE 30 TO 59 UNITS	Total	**3**	**1**	**1**		**1**	**6**
	CBT-ADMINISTRATIVE ASSISTANT	2	1	1		1	**5**
	CBT-MICROCOMPUTER APPL	1					**1**

School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
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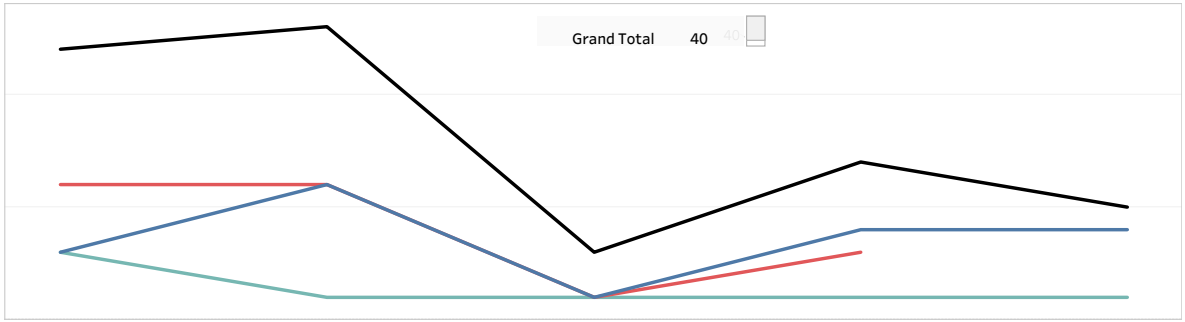
- [x] CERTIFICATE 60 OR MORE UNITS

Program
Multiple values

Awards by type over time



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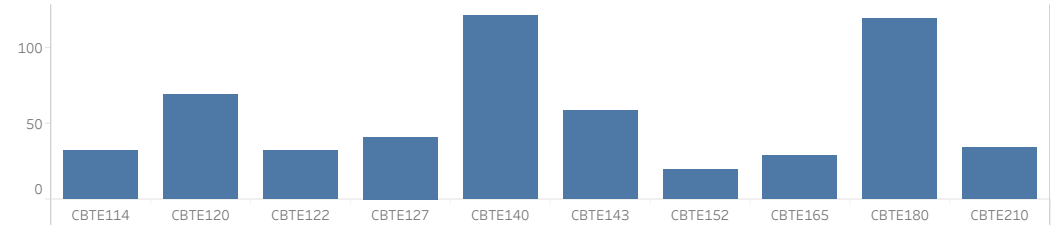
Award Type
- AA/AS DEGREE
- CERTIFICATE 29 OR FEWER UNITS
- CERTIFICATE 30 TO 59 UNITS

Enrollment and Student Outcomes

Academic Year	Subject	Course	Drill Down
2018/19	Computer Business Technology	All	(None)

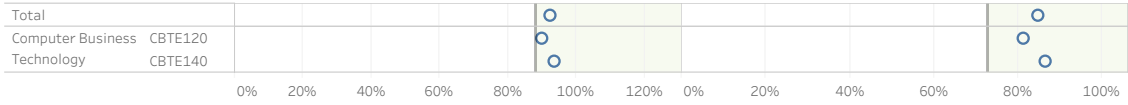
Enrollment

Grand Total: 555



Legend
total

Student outcomes



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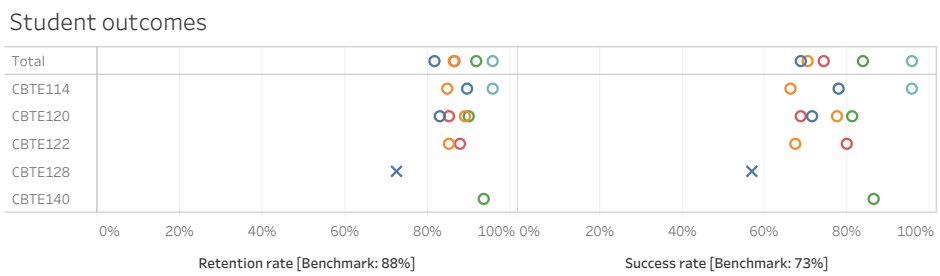
Overview of Course-level Outcomes: Five-Year Trend



Academic Year
2014/15
2015/16
2016/17
2017/18

Subject
Computer Business Technology

Course
All

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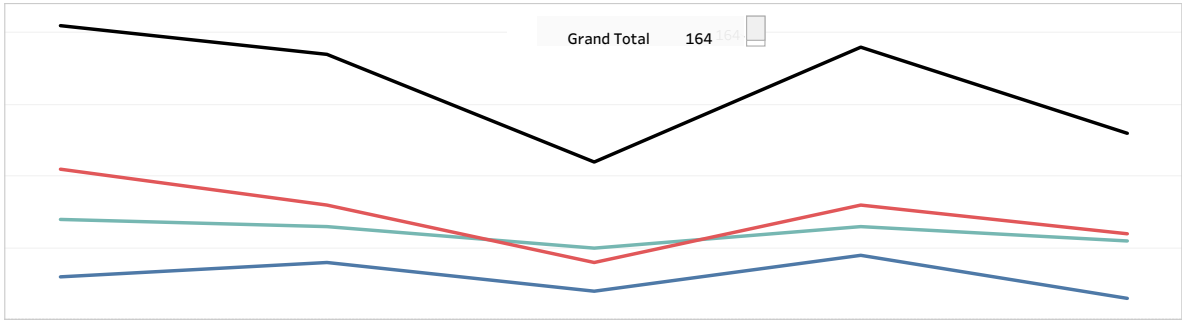
		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		**41**	**37**	**22**	**38**	**26**	**164**
School Total		**41**	**37**	**22**	**38**	**26**	**164**
AA/AS DEGREE	Total	**6**	**8**	**4**	**9**	**3**	**30**
	DIES-HEAVY DUTY TRANS TECH	3	5	1	4	2	**15**
	DIES-HEAVY EQUIP TECH	3	3	3	5	1	**15**
CERTIFICATE 29 OR FEWER UNITS	Total	**21**	**16**	**8**	**16**	**12**	**73**
	DIES-ENGI OVERH CATERPILLAR	7	5	4	4	4	**24**
	DIES-ENGI REPAIR CATERPILLAR	1	1	1	3	1	**7**
	DIES-ENGINE OVERH DETROIT D	3	3	1	1	3	**11**
	DIES-ENGINE OVERHAUL CUMMINS	7	6	2	4	2	**21**
	DIES-ENGINE REPAIR CUMMINS	1	1		2		**4**
	DIES-ENGINE REPAIR DETROIT D	2			2	2	**6**
CERTIFICATE 30 TO 59 UNITS	Total	**14**	**13**	**10**	**13**	**11**	**61**
	DIES-DIESEL EQUIPMENT REPAIR	1					**1**
	DIES-HEAVY DUTY TRANS TECH	8	7	4	6	6	**31**

Awards by type over time



School

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Program
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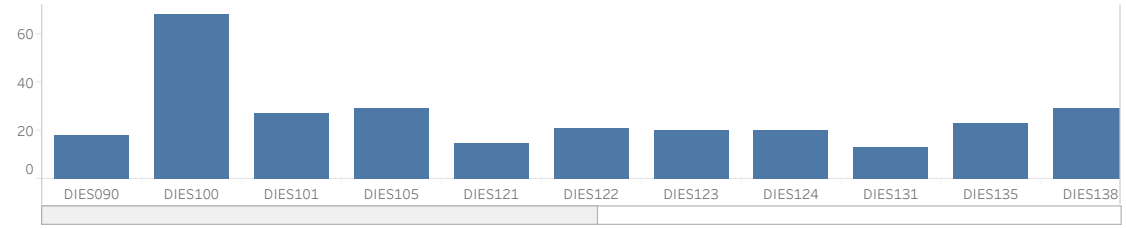
Award Type
- AA/AS DEGREE
- CERTIFICATE 29 OR FEWER UNITS
- CERTIFICATE 30 TO 59 UNITS

Enrollment and Student Outcomes

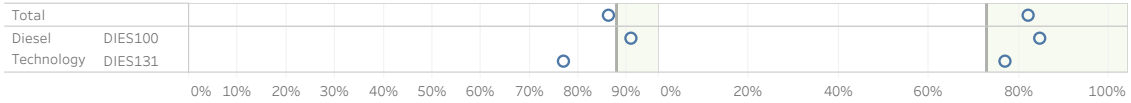
Academic Year	Subject	Course	Drill Down
2018/19	Diesel Technology	All	(None)

Enrollment

Grand Total: 449



Student outcomes



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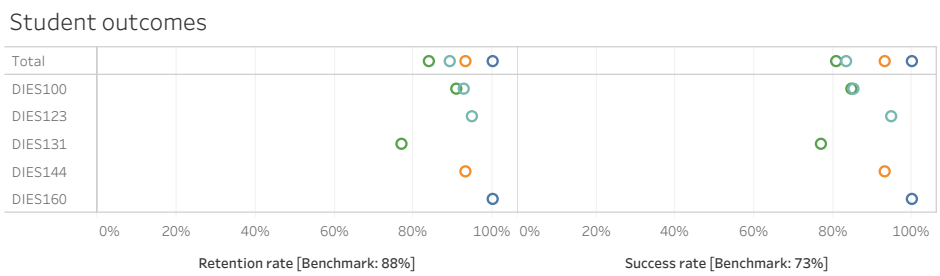

Academic Year
- 2014/15
- 2015/16
- 2017/18
- 2018/19

Subject: Diesel Technology

Course: All

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How do I interpret these data?

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Having trouble figuring out what these data mean, or interested in implementing a new program or initiative to improve student outcomes and want help measuring its effectiveness? Contact PRIE for assistance.

Awards by School

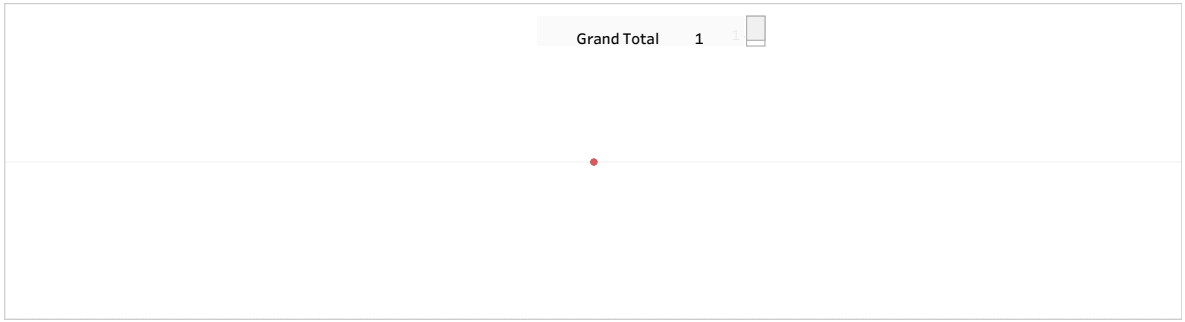
		2018-19	Grand Total
Grand Total		**1**	**1**
School Total		**1**	**1**
CERTIFICATE 29 OR FEWER UNITS	Total	**1**	**1**
	EMERGENCY MEDICAL CARE	1	**1**

School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
- [x] CERTIFICATE 30 TO 59 UNITS
- [x] CERTIFICATE 60 OR MORE UNITS

Program
EMERGENCY MEDICAL CARE

Awards by type over time



How do I read these charts?
The first chart provides a detailed look at the awards granted by a school over a 5-year period.

The second chart provides an overview of the awards granted by a school over a five-year period, disaggregated by award type. The black line represents the total number of awards granted by the school.

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Given new performance-based funding metrics in which state money is distributed, in part, based on the number of awards granted and transfers, this data is extremely important. Questions you may ask about the data include:

· What is the trend in the number of awards granted? What are the reasons for this trend? If the number of awards is falling, why? What are some strategies for increasing the number of awards granted that center student access, equity, and success? If the number of awards is increasing, what, if any, are the best practices that have been implemented to increase these numbers? How can these best practices be scaled up and shared college-wide?

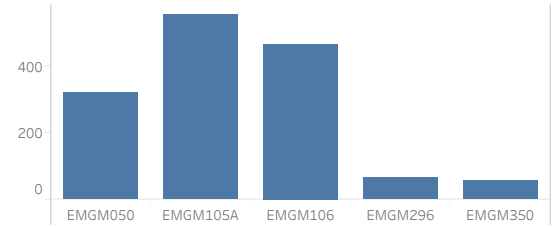
Award Type
CERTIFICATE 29 OR FEWER UNITS

Enrollment and Student Outcomes

Academic Year	Subject	Course	Drill Down
2018/19	Emergency Medical Tech	All	(None)

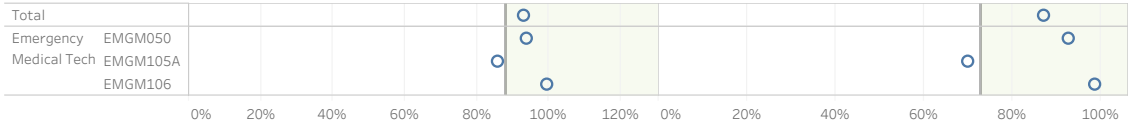
Enrollment

Grand Total: 1,461



Legend
total

Student outcomes



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The second chart examines course-level outcomes by your drill down selection. The gray lines indicate the college-wide benchmarks for course retention and success, as identified in the SPAS. The presence of **an X denotes that a potential equity issue exists for this group** as determined by the percentage point gap (see Operational Definitions for more information).

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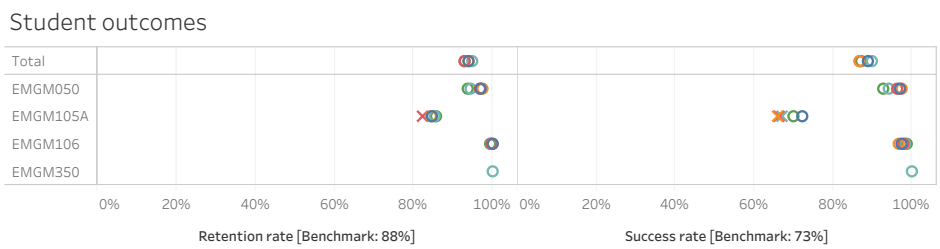
Overview of Course-level Outcomes: Five-Year Trend



Academic Year
- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Emergency Medical Tech

Course: All

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Awards by School

		2016-17	2017-18	2018-19	Grand Total
Grand Total		**7**	**26**	**23**	**56**
School Total		**7**	**26**	**23**	**56**
AA/AS DEGREE	Total	**7**	**26**	**23**	**56**
	EXERCISE & NUTRITION SCIENCE	7	26	23	56

School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
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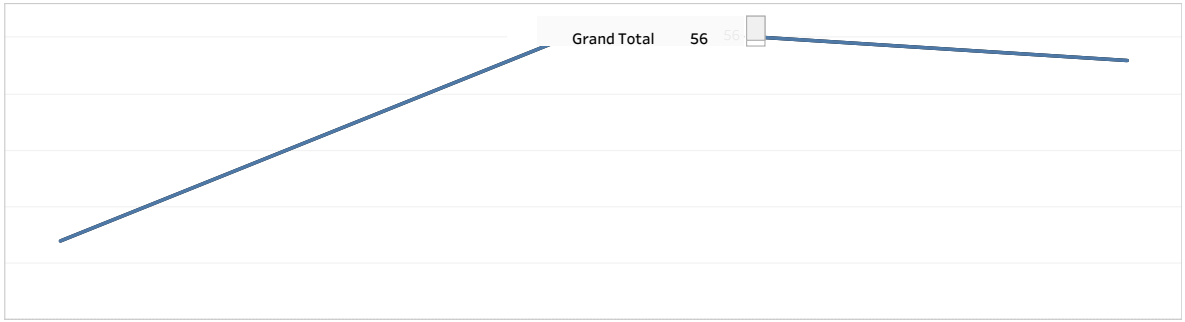
Program
EXERCISE & NUTRITION SCIENCE

Awards by type over time



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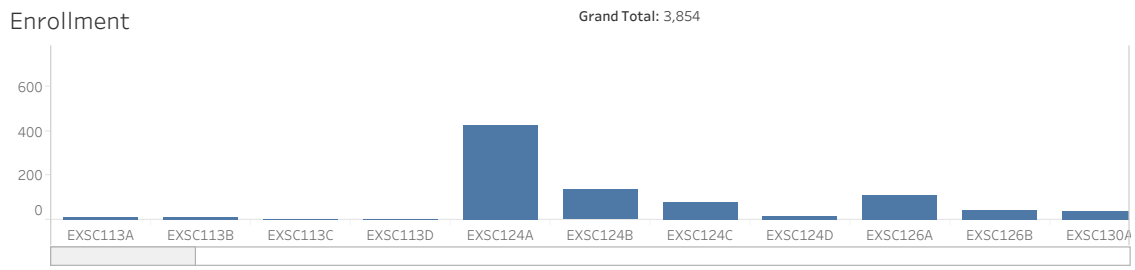
Award Type
AA/AS DEGREE

Enrollment and Student Outcomes

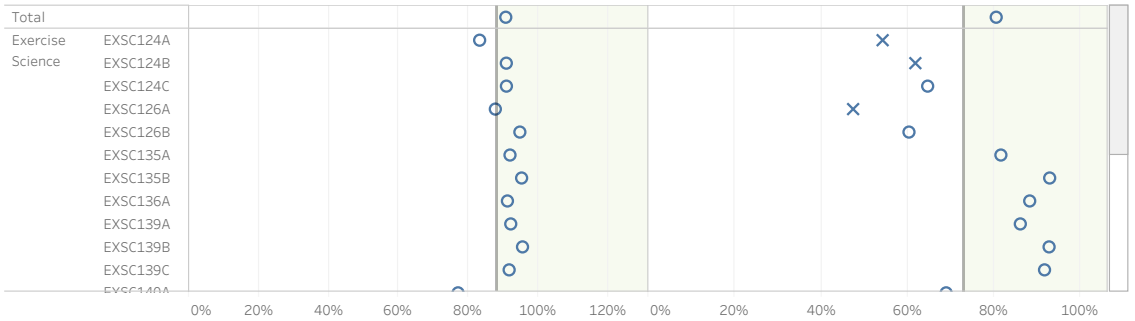
Academic Year	Subject	Course	Drill Down
2018/19	Exercise Science	All	(None)

Enrollment

Grand Total: 3,854



Student outcomes



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Overview of Course-level Outcomes: Five-Year Trend

SAN DIEGO MIRAMAR COLLEGE

Student outcomes

Academic Year
- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Exercise Science

Course: All

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Institution Name	TOP6 Program Title	County
San Diego Miramar	Banking and Finance	San Diego

Occupation(s) that students would qualify for after completing this program:

- [x] Accountants and Auditors
- [x] Bill and Account Collectors
- [x] Budget Analysts
- [x] Credit Authorizers, Checkers, and Clerks
- [x] Credit Counselors
- [x] Financial Analysts
- [x] Financial Examiners
- [x] Financial Managers
- [x] Loan Interviewers and Clerks
- [x] New Accounts Clerks
- [x] Statistical Assistants

TOP6 Code	TOP6 Program Title	Institution Name
050400	Banking and Finance	San Diego Miramar

Catalog

Control Number	Catalog Name	Goal	Award
22269	Financial Services	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units

Refer to the Chancellor's Office Curriculum Inventory for the full list of catalog names by TOP code

TOP6 Program Title: Banking and Finance
County: San Diego

Supply Gap Analysis

For the selected TOP6 code and occupations, there is a(n) **Supply Gap** of **3,496** jobs.

Annual Job Openings - 5 Yr Avg (Demand)

Occupation	
Accountants and Auditors	1,338
Financial Managers	631
Tellers	494
Bill and Account Collectors	285
Financial Analysts	280
Loan Interviewers and Clerks	233
Budget Analysts	69
Credit Counselors	62
Financial Examiners	38
Credit Authorizers, Checkers, and Cl..	35
New Accounts Clerks	26
Statistical Assistants	13
Grand Total	3,504

Annual Program Awards - 3 Yr Avg (Supply)

Institution Name	
San Diego Miramar	5
Southwestern	3
Grand Total	8

Education, Training, and Wages

Occupation	Typical Entry-Level Education	Typical On-The-Job Training	25th Pct. Wage	Median Wage
Tellers	HS diploma/equiv.	Short-term OJT	$11.76	$13.56
Bill and Account Collectors	HS diploma/equiv.	Moderate-term OJT	$15.29	$18.42
Financial Analysts	Bachelor's deg.	None	$31.95	$40.31
Loan Interviewers and Clerks	HS diploma/equiv.	Short-term OJT	$16.72	$21.27
Budget Analysts	Bachelor's deg.	None	$32.70	$38.87
Credit Counselors	Bachelor's deg.	Moderate-term OJT	$19.38	$22.86
Financial Examiners	Bachelor's deg.	Long-term OJT	$42.51	$54.66
Credit Authorizers, Checkers, and Clerks	HS diploma/equiv.	Moderate-term OJT	$16.49	$19.60

TOP6 Program Title: Banking and Finance
County: San Diego

Annual Program Awards – 3 Yr Avg (Supply)

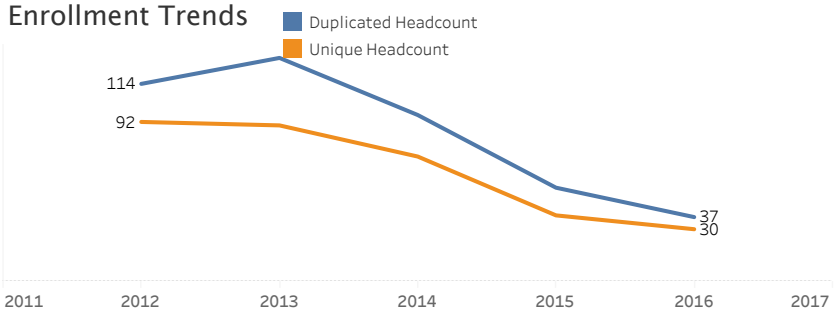
Award Level	San Diego Miramar	Southwestern	Grand Total
Associate Degree	2	2	4
Certificate 6 to < 18 semester units	1		1
Certificate 18 to < 30 semester units	2	1	3
Grand Total	**5**	**3**	**8**

TOP6 Program Title: Banking and Finance
College: San Diego Miramar

Academic Year
2016-17

Enrollment Trends

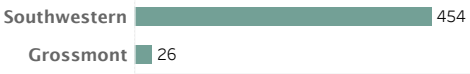
	Duplicated Headcount	Unique Headcount	Course Sections
2011-12	114	92	4
2012-13	129	90	4
2013-14	96	72	4
2014-15	54	38	3
2015-16	37	30	2



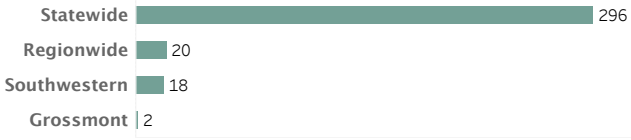
Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

Duplicated Headcount: # Course Enrollments (2016-17)

Unique Headcount: # of Students Who Took 1+ Courses (2016-17)



Course Sections (2016-17)



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TOP6 Program Title: Banking and Finance
College: San Diego Miramar

Academic Year
2015-16

Metric

	2013-14	2014-15	2015-16
Course Retention Rate	86%	80%	89%
Course Success Rate	78%	76%	84%
Term-to-Term Retention Rate	52%	61%	
Persistence Rate	21%	39%	

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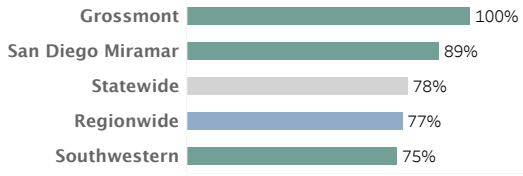
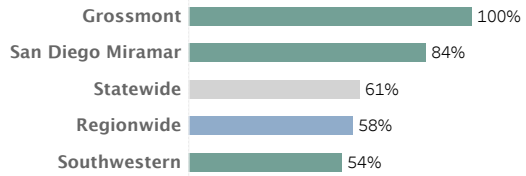
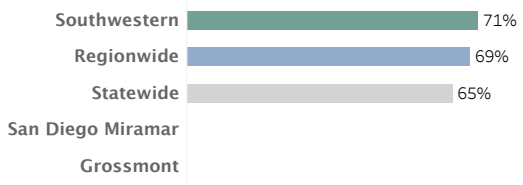
Course Retention Rate (2015-16)



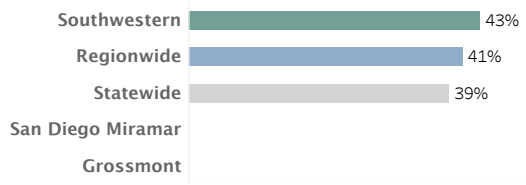
Course Success Rate (2015-16)



Term-to-Term Retention Rate (2015-16)



Persistence Rate (2015-16)



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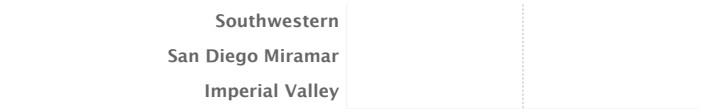
TOP6 Program Title: Banking and Finance
College: San Diego Miramar

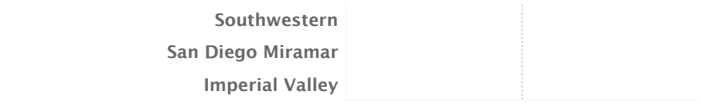
Academic Year
2016-17

Award Level	2014-15	2015-16	2016-17	Latest 3-Yr Avg
Associate Degree	2	3	1	2
Certificate 6 to < 18 semester units	0	1	1	1
Certificate 18 to < 30 semester units	2	5	0	2
Grand Total	4	9	2	5

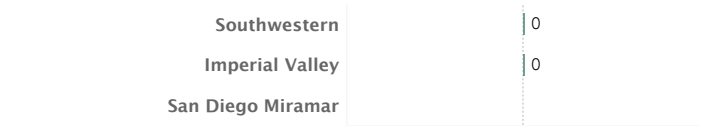
of Students Who Earned Associate Degrees (2016-17)



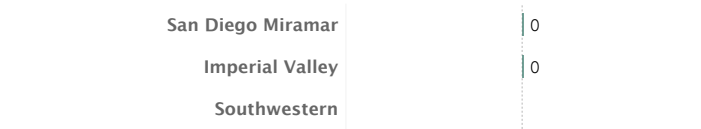
of Students Who Earned a Degree or Certificate (2016-17)



of Students Who Earned a Locally-Issued Certificate (2016-17)



of Students Who Earned a Chancellor's Office Approved Certificate (2016-17)



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TOP6 Program Title: Banking and Finance
College: San Diego Miramar

Academic Year
2014-15

Metric		State	Region	San Diego Miramar
% of Students Who Obtained a Job Closely Related to Field of Study	2014-15	50%		
% of Students Who Attained a Living Wage	2014-15	49%	56%	
% Median Change in Earnings	2014-15	40%	47%	

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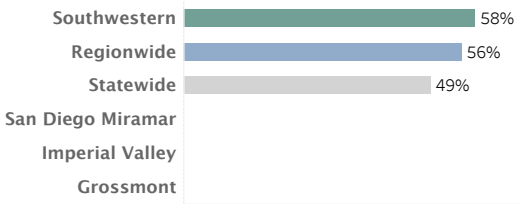
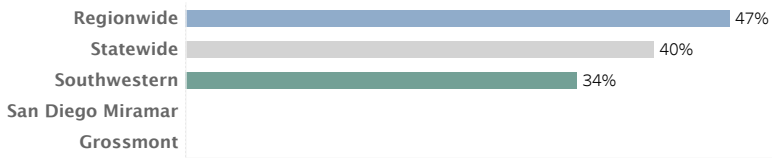
% of Students Who Obtained a Job Closely Related to Field of Study (2014-15)

% of Students Who Attained a Living Wage (2014-15)



% Median Change in Earnings (2014-15)



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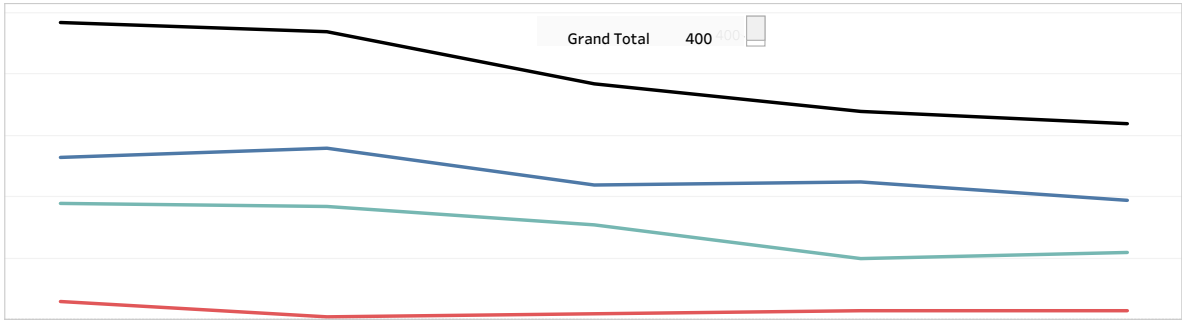
Awards by School

		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		**97**	**94**	**77**	**68**	**64**	**400**
School Total		**97**	**94**	**77**	**68**	**64**	**400**
AA/AS DEGREE	Total	**53**	**56**	**44**	**45**	**39**	**237**
	FIPT - FIRE PROTECTION	4	4	2	2	2	14
	FIPT - OPEN WTR LIFEGUARD PROF		2	2	2		6
	FIPT FIRE TECHNOLOGY	44	45	35	37	28	189
	FIPT-FIRE OFFICR CERTIFICATION		5	5			10
	FIPT-FIRE PREVENTION	5			4	3	12
	FIRE PREVENTION					1	1
	FIRE TECHNOLOGY					5	5
CERTIFICATE 29 OR FEWER UNITS	Total	**6**	**1**	**2**	**3**	**3**	**15**
	FIPT - OPEN WTR LIFEGUARD PROF	1				2	3
	FIPT COMPANY OFFICE CERT				1	1	2
	FIPT FIRE TECHNOLOGY	2					2
	FIPT-FIRE OFFICR CERTIFICATION		1	2			3

Awards by type over time



School

Award Type
- [x] AA/AS DEGREE
- [x] ADT
- [x] CERTIFICATE 29 OR FEWER UNITS
- [x] CERTIFICATE 30 TO 59 UNITS
- [x] CERTIFICATE 60 OR MORE UNITS

Program
Multiple values

How do I read these charts?
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· What is the trend in the number of awards granted? What are the reasons for this trend? If the number of awards is falling, why? What are some strategies for increasing the number of awards granted that center student access, equity, and success? If the number of awards is increasing, what, if any, are the best practices that have been implemented to increase these numbers? How can these best practices be scaled up and shared college-wide?

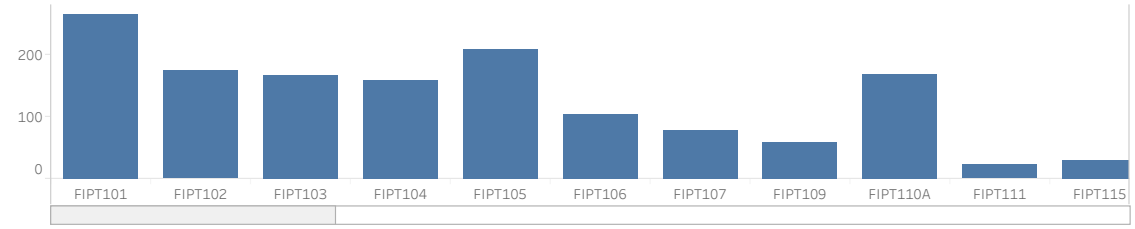
Award Type
- AA/AS DEGREE
- CERTIFICATE 29 OR FEWER UNITS
- CERTIFICATE 30 TO 59 UNITS

Enrollment and Student Outcomes

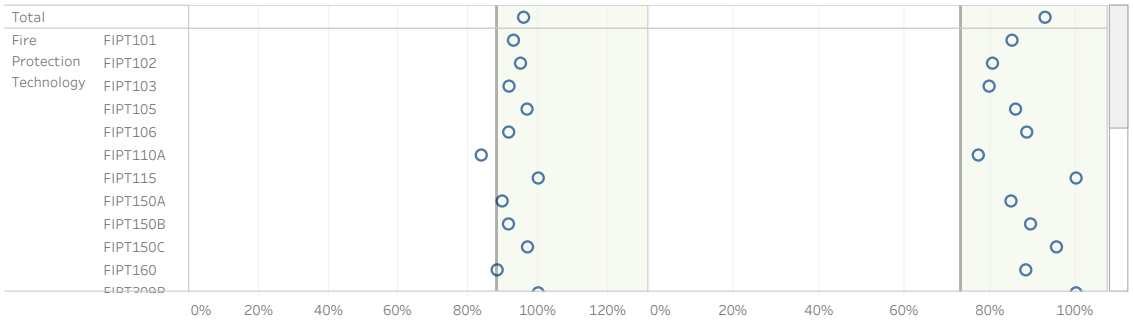
Academic Year	Subject	Course	Drill Down
2018/19	Fire Protection Technology	All	(None)

Enrollment

Grand Total: 3,320



Student outcomes



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Overview of Course-level Outcomes: Five-Year Trend

SAN DIEGO MIRAMAR COLLEGE

Student outcomes

Academic Year
- 2014/15
- 2015/16
- 2016/17
- 2017/18

Subject: Fire Protection Technology

Course: All

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Institution Name	TOP6 Program Title	County
San Diego Miramar	Fitness Trainer	San Diego

Occupation(s) that students would qualify for after completing this program:

- [x] Athletic Trainers
- [x] Fitness Trainers and Aerobics Instructors

TOP6 Code	TOP6 Program Title	Institution Name
083520	Fitness Trainer	San Diego Miramar

Catalog

Control Number	Catalog Name	Goal	Award
17037	Personal Training	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units

Refer to the Chancellor's Office Curriculum Inventory for the full list of catalog names by TOP code

TOP6 Program Title: Fitness Trainer
County: San Diego

Supply Gap Analysis

For the selected TOP6 code and occupations, there is a(n) **Supply Gap** of **887** jobs.

Annual Job Openings - 5 Yr Avg (Demand)

Occupation	
Fitness Trainers and Aerobics Instructors	988
Athletic Trainers	15
Grand Total	1,003

Annual Program Awards - 3 Yr Avg (Supply)

Institution Name	
MiraCosta	65
Palomar	1
San Diego City	9
San Diego Mesa	4
San Diego Miramar	21
Southwestern	9
Mueller College	7
Grand Total	116

Education, Training, and Wages

Occupation	Typical Entry-Level Education	Typical On-The-Job Training	25th Pct. Wage	Median Wage
Fitness Trainers and Aerobics Instructors	HS diploma/equiv.	Short-term OJT	$13.04	$19.68
Athletic Trainers	Bachelor's deg.	None	$21.75	$24.46

TOP6 Program Title: Fitness Trainer
County: San Diego

Annual Program Awards – 3 Yr Avg (Supply)

Award Level	MiraCosta	Palomar	San Diego City	San Diego Mesa	San Diego Miramar	Southwestern	Mueller College	Grand Total
Award < 1 academic yr							7	7
Certificate 6 to < 18 semester units	38				1			39
Certificate 12 to < 18 semester units	20							20
Certificate 18 to < 30 semester units	7		9	4	20	8		48
Certificate 30 to < 60 semester units		1						1
Credit Award < 6 semester units						1		1
Grand Total	**65**	**1**	**9**	**4**	**21**	**9**	**7**	**116**

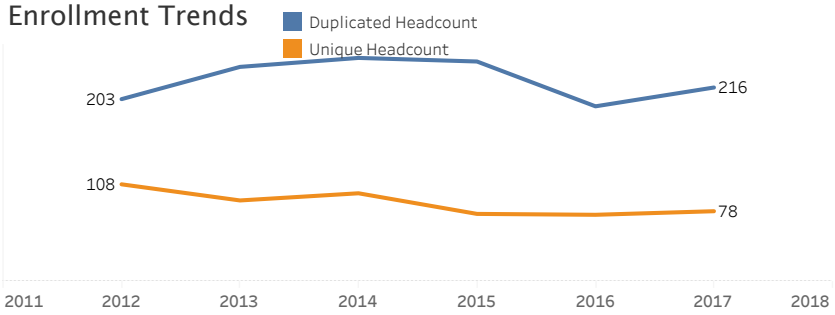
TOP6 Program Title: Fitness Trainer
College: San Diego Miramar

Academic Year
2016-17

Enrollment Trends

	Duplicated Headcount	Unique Headcount	Course Sections
2011-12	203	108	9
2012-13	239	90	9
2013-14	249	98	8
2014-15	245	75	10
2015-16	195	74	11
2016-17	216	78	11

Enrollment Trends



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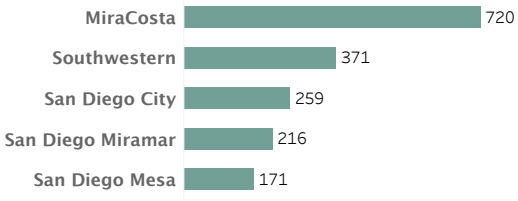
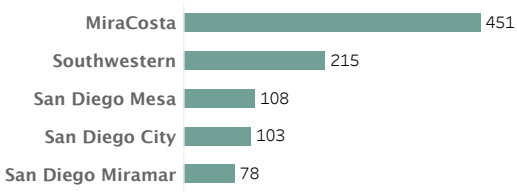
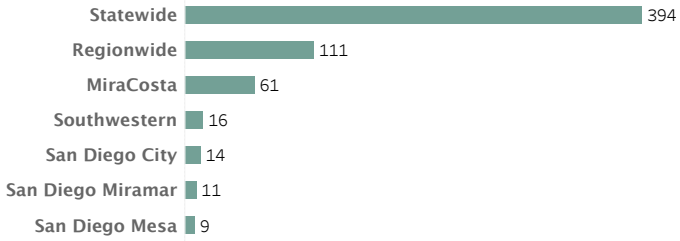
Duplicated Headcount: # Course Enrollments (2016-17)



Unique Headcount: # of Students Who Took 1+ Courses (2016-17)



Course Sections (2016-17)



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TOP6 Program Title: Fitness Trainer
College: San Diego Miramar

Academic Year
2015-16

Metric

	2013-14	2014-15	2015-16	2016-17
Course Retention Rate	91%	96%	92%	96%
Course Success Rate	82%	91%	83%	88%
Term-to-Term Retention Rate	62%	82%	57%	
Persistence Rate	35%	43%	23%	

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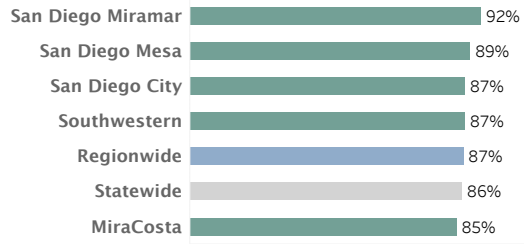
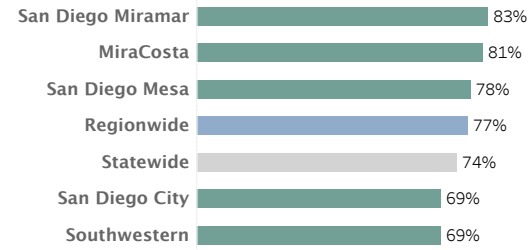
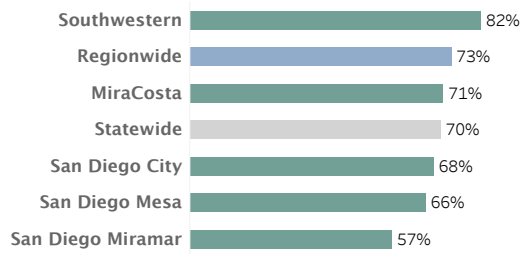
Course Retention Rate (2015-16)



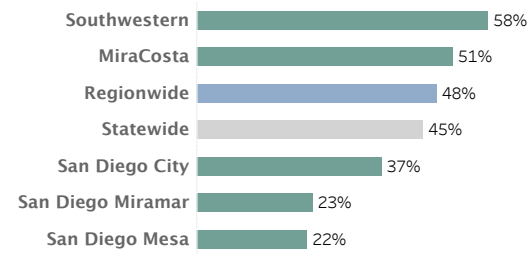
Course Success Rate (2015-16)



Term-to-Term Retention Rate (2015-16)



Persistence Rate (2015-16)



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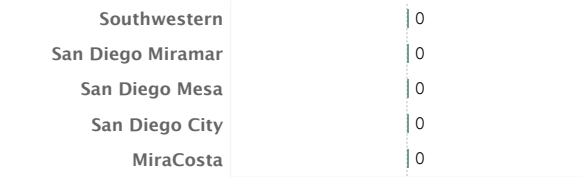
TOP6 Program Title: Fitness Trainer
College: San Diego Miramar

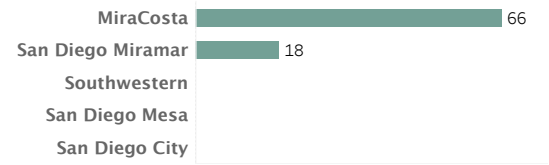
Academic Year
2016-17

Award Level	2014-15	2015-16	2016-17	Latest 3-Yr Avg
Certificate 6 to < 18 semester units	0	0	1	0
Certificate 18 to < 30 semester units	26	17	17	20
Grand Total	26	17	18	20

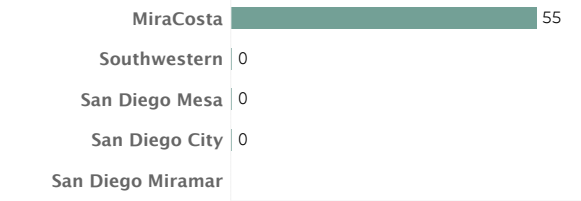
of Students Who Earned Associate Degrees (2016-17)



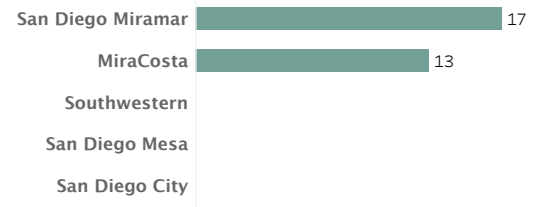
of Students Who Earned a Degree or Certificate (2016-17)



of Students Who Earned a Locally-Issued Certificate (2016-17)



of Students Who Earned a Chancellor's Office Approved Certificate (2016-17)



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TOP6 Program Title: Fitness Trainer
College: San Diego Miramar

Academic Year
2014-15

Metric		State	Region	San Diego Miramar
% of Students Who Obtained a Job Closely Related to Field of Study	2014-15	57%	47%	
% of Students Who Attained a Living Wage	2014-15	31%	39%	
% Median Change in Earnings	2014-15	39%	41%	33%

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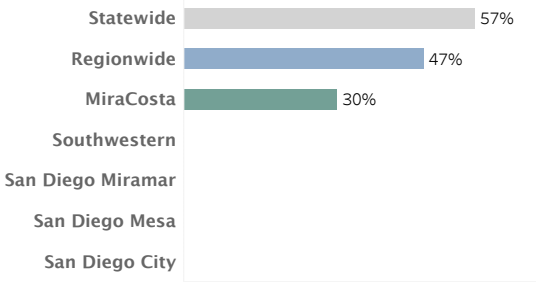
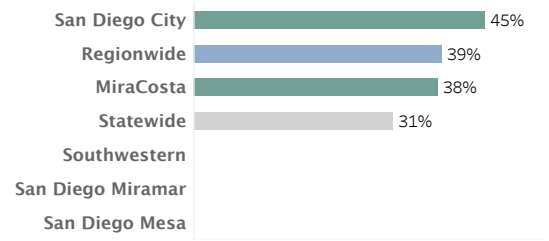
% of Students Who Obtained a Job Closely Related to Field of Study (2014-15)



% of Students Who Attained a Living Wage (2014-15)



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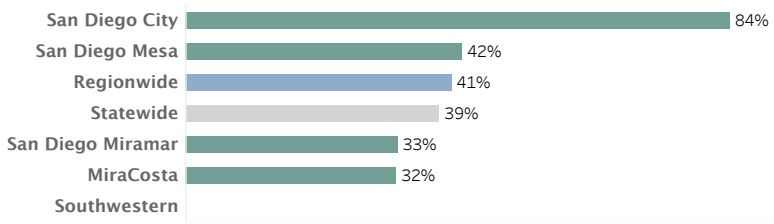

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Awards by School

		2014-15	2015-16	2016-17	2017-18	2018-19	Grand Total
Grand Total		**28**	**21**	**34**	**26**	**28**	**137**
School Total		**28**	**21**	**34**	**26**	**28**	**137**
AA/AS DEGREE	Total	**13**	**9**	**11**	**11**	**12**	**56**
	MEDICAL LABORATORY TECHNOLOGY	13	9	11	11	12	**56**
CERTIFICATE 29 OR FEWER UNITS	Total	**15**	**12**	**23**	**15**	**16**	**81**
	MEDICAL LABORATORY TECHNOLOGY	15	12	23	15	16	**81**

School

Award Type
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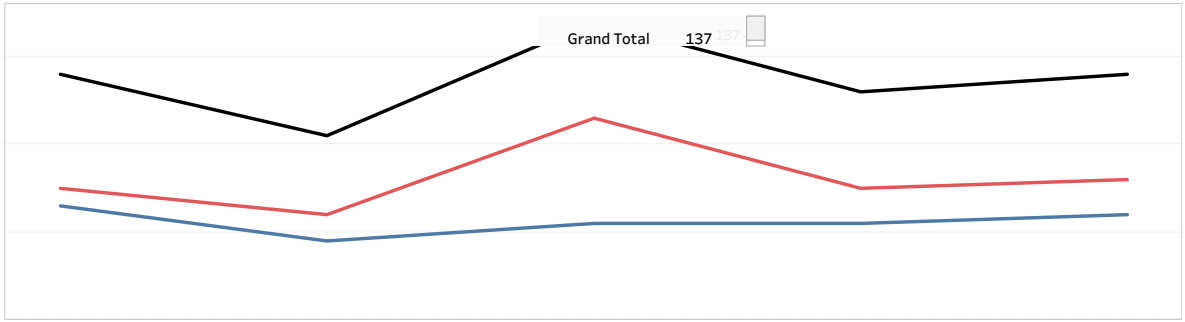
Program
MEDICAL LABORATORY TECHNOLOGY

Awards by type over time



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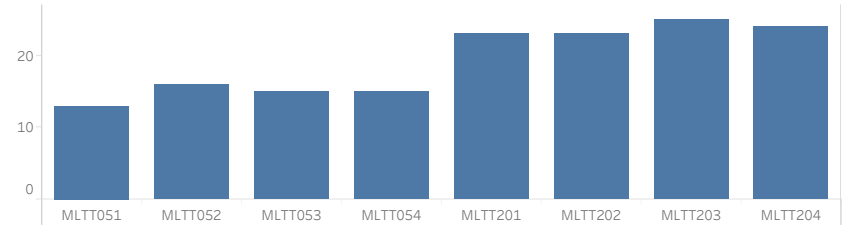
Award Type
- AA/AS DEGREE
- CERTIFICATE 29 OR FEWER UNITS

Enrollment and Student Outcomes

Academic Year	Subject	Course	Drill Down
2018/19	Medical Laboratory Technology	All	(None)

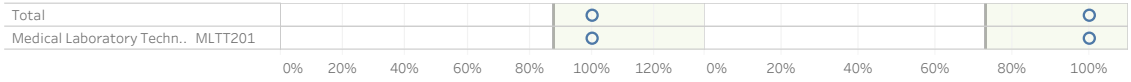
Enrollment

Grand Total: 154



Legend
total

Student outcomes



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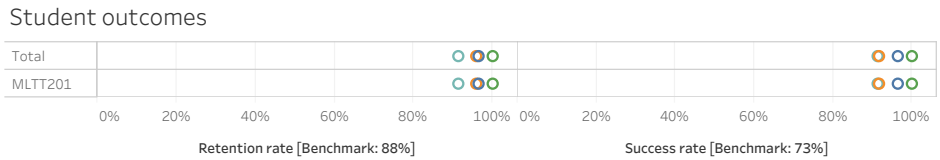

Academic Year
- 2014/15
- 2015/16
- 2017/18
- 2018/19

Subject: Medical Laboratory Technology

Course: All

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Grand Total		**34**	**37**	**57**	**65**	**61**	**254**
School Total		**34**	**37**	**57**	**65**	**61**	**254**
AA/AS DEGREE	Total	**15**	**18**	**24**	**34**	**28**	**119**
	PARALEGAL	15	18	24	34	28	**119**
CERTIFICATE 30 TO 59 UNITS	Total	**19**	**19**	**33**	**31**	**33**	**135**
	PARALEGAL	19	19	33	31	33	**135**

School

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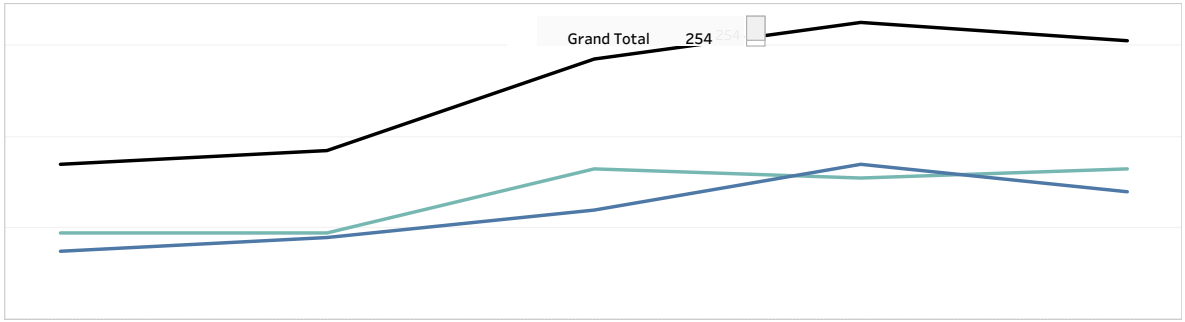
Program
PARALEGAL

Awards by type over time



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· What is the trend in the number of awards granted? What are the reasons for this trend? If the number of awards is falling, why? What are some strategies for increasing the number of awards granted that center student access, equity, and success? If the number of awards is increasing, what, if any, are the best practices that have been implemented to increase these numbers? How can these best practices be scaled up and shared college-wide?

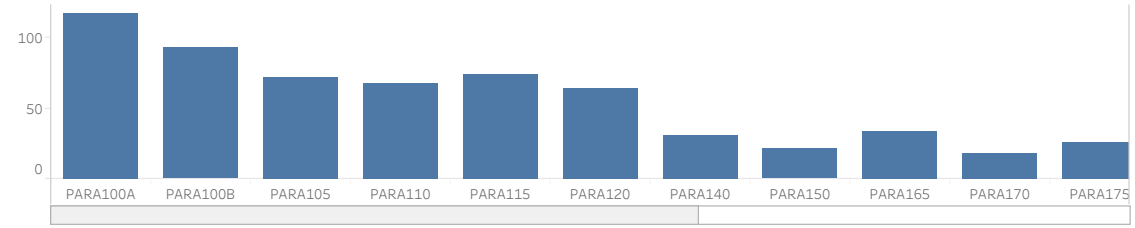
Award Type
- AA/AS DEGREE
- CERTIFICATE 30 TO 59 UNITS

Enrollment and Student Outcomes

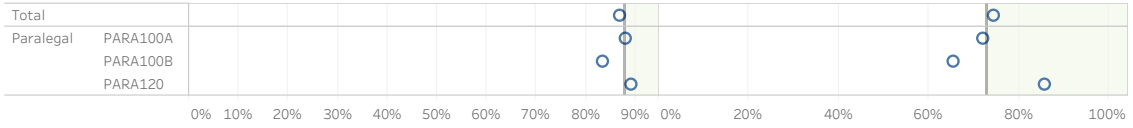
Academic Year	Subject	Course	Drill Down
2018/19	Paralegal	All	(None)

Enrollment

Grand Total: 774



Student outcomes



How do I read these charts?

The first chart includes information on enrollment by your chosen drill down disaggregation at the course-level.

The second chart examines course-level outcomes by your drill down selection. The gray lines indicate the college-wide benchmarks for course retention and success, as identified in the SPAS. The presence of **an X denotes that a potential equity issue exists for this group** as determined by the percentage point gap (see Operational Definitions for more information).

To protect sensitive data:

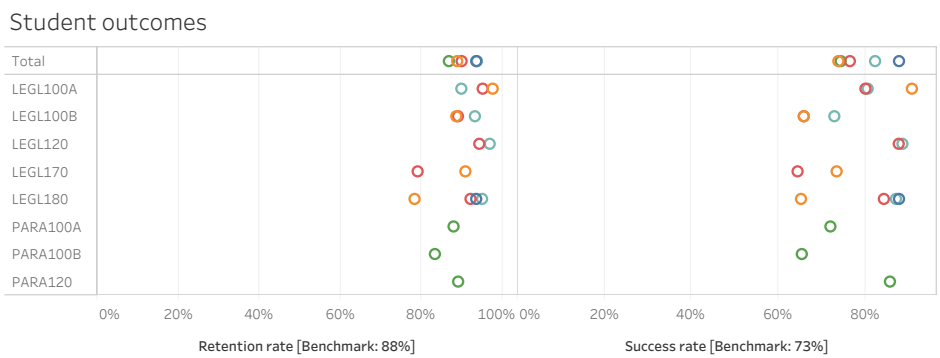
· Outcomes are suppressed for courses with 10 or fewer students per academic year. (These groups are still included in enrollment).
· Demographic information and outcomes are suppressed for group sizes 10 or smaller. (These groups are still included in overall enrollment).
· Outcomes are suppressed for courses taught by only one instructor in the same academic year.

How do I interpret these data?

Questions to consider asking about the data include:

· What is the drill down selection make-up of individual courses in my subject? Does the drill down selection make-up of students taking courses in my subject vary by courses or by the level of advancement in the sequence? If so, what are the loss points? What are some potential reasons for these loss points?
· What are some programs or initiatives my program could implement to mitigate inequality in enrollment? What resources (expertise, funding, best practices) are available on campus and externally to support these efforts?
· Are there courses in which there are gaps in retention and success for the drill down selection? If so, what are the potential reasons for these equity gaps? What are some programs or initiatives my program could implement to mitigate these equity gaps? What resources (expertise, funding, best practices) are available on campus and externally to support these efforts?

Overview of Course-level Outcomes: Five-Year Trend



Academic Year
2014/15
2015/16
2016/17
2017/18

Subject
Paralegal

Course
All

How do I read this chart?

The gray lines indicate the college-wide benchmarks for course retention and success, as identified in the SPAS. If the "bubbles" for a course fall in the shaded area of the chart, this course has met or exceeded the college-wide benchmarks. You can highlight a single year of data by selecting the color indicator for that year in the "Academic Year" legend. To select multiple years hold CTRL and click on the needed academic years. Enrollments and outcomes are suppressed for courses with less than 11 students per academic year. Additionally, outcomes are suppressed for group sizes 10 or smaller. (These groups are still included in enrollment).

To protect sensitive data:

· Outcomes are suppressed for courses with 10 or fewer students per academic year. (These groups are still included in enrollment).
· Outcomes are suppressed for courses taught by only one instructor in the same academic year.

How do I interpret these data?

Success and retention rates are indirect measures that courses are serving student needs. A high success and/or retention rate is not sufficient proof a course is fulfilling subject-level goals, Miramar College's mission, or supporting student learning nor is missing a benchmark evidence of a course's failure to do so.

When examining these data, questions to consider asking include:

· How have course retention and success changed over time? What are the potential reasons for these trends?
· If a course does not meet college-wide benchmarks, what are the potential reasons? What challenges do we face in increasing student success and retention in this course? What resources and collaborations can our program seek on campus to improve this course's performance on these measures?
· If a course is meeting college-wide benchmarks, what are the potential reasons? What best practices, if any, are in place for supporting success and retention that could be scaled-up or share college-wide? Are the data belying potential areas of improvement, such as making the course more challenging and rigorous or increasing exposure to careers and career-relevant training?

Having trouble figuring out what these data mean, or interested in implementing a new program or initiative to improve student outcomes and want help measuring its effectiveness? Contact PRIE for assistance.

Institution Name	TOP6 Program Title	County
San Diego Miramar	Administration of Justice	San Diego

Occupation(s) that students would qualify for after completing this program:

- [x] Bailiffs
- [x] Detectives and Criminal Investigators
- [x] First-Line Supervisors of Correctional Officers
- [x] First-Line Supervisors of Police and Detectives
- [x] Gaming Surveillance Officers and Gaming Investigators
- [x] Police and Sheriff's Patrol Officers
- [x] Private Detectives and Investigators

TOP6 Code	TOP6 Program Title	Institution Name
210500	Administration of Justice	San Diego Miramar

SAN DIEGO MIRAMAR COLLEGE

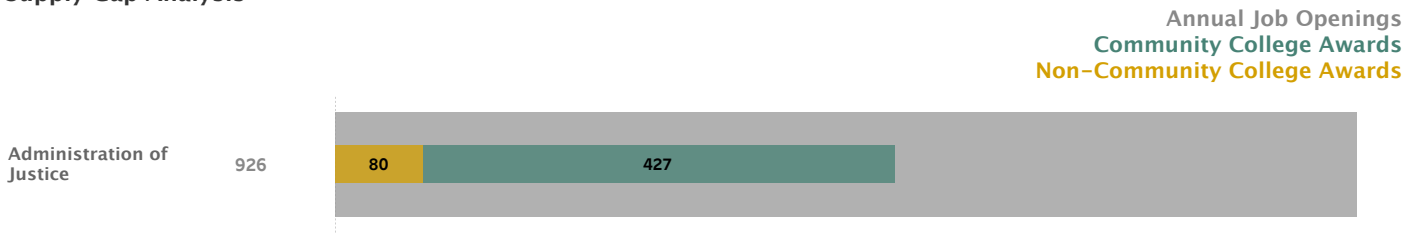
Catalog

Control Number	Catalog Name	Goal	Award
11262	Administration of Justice: Court Support Services	NA	A.S. Degree
11263	Administration of Justice Contemporary Police Technologies	CTE (Limited to programs in CTE TOP codes other than ADTs)	A.S. Degree
22278	Law Enforcement	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units
22279	Administration of Justice: Contemporary Police Technologies	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units
31605	Administration of Justice	Career Technical Education (CTE) and Transfer	A.S. T Degree

Refer to the Chancellor's Office Curriculum Inventory for the full list of catalog names by TOP code

TOP6 Program Title: Administration of Justice
County: San Diego

Supply Gap Analysis



For the selected TOP6 code and occupations, there is a(n) **Supply Gap** of **419** jobs.

Annual Job Openings - 5 Yr Avg (Demand)

Occupation	
Police and Sheriff's Patrol Officers	538
Detectives and Criminal Investigators	227
Private Detectives and Investigators	64
First-Line Supervisors of Police and Detectives	58
First-Line Supervisors of Correctional Officers	19
Gaming Surveillance Officers and Gaming Investigators	18
Bailiffs	2
Grand Total	926

Annual Program Awards - 3 Yr Avg (Supply)

Institution Name	
Grossmont	122
MiraCosta	39
Palomar	27
San Diego Miramar	90
Southwestern	149
Argosy University-San Diego	1
Brightwood College-Chula Vista	29
Brightwood College-San Diego	25
Brightwood College-Vista	21
California Miramar University	1
National University	3
Grand Total	**507**

Education, Training, and Wages

Occupation	Typical Entry-Level Education	Typical On-The-Job Training	25th Pct. Wage	Median Wage
Police and Sheriff's Patrol Officers	HS diploma/equiv.	Moderate-term OJT	$33.71	$41.08
Detectives and Criminal Investigators	HS diploma/equiv.	Moderate-term OJT	$42.13	$43.40
Private Detectives and Investigators	HS diploma/equiv.	Moderate-term OJT	$22.92	$30.99
First-Line Supervisors of Police and Detectives	HS diploma/equiv.	Moderate-term OJT	$55.27	$63.16
First-Line Supervisors of Correctional Officers	HS diploma/equiv.	None	$45.15	$47.34
Gaming Surveillance Officers and Gaming Investigators	HS diploma/equiv.	Moderate-term OJT	$15.54	$18.70
Bailiffs	HS diploma/equiv.	Moderate-term OJT	$10.88	$12.57

TOP6 Program Title: Administration of Justice
County: San Diego

Annual Program Awards – 3 Yr Avg (Supply)

Award Level	Grossmont	MiraCosta	Palomar	San Diego Miramar	Southwestern	Argosy University–San Diego	Brightwood College–Chula Vista	Brightwood College–San Diego	Brightwood College–Vista	California Miramar University	National University	Grand Total
Associate degree	8	9	14	12	47	1	29	25	21		1	167
Associate Degree for Transfer	106	23	13	70	82							294
Award < 1 academic yr										1	2	3
Certificate 18 to < 30 semester units	5	7			20							32
Certificate 30 to < 60 semester units	3			8								11
Grand Total	**122**	**39**	**27**	**90**	**149**	**1**	**29**	**25**	**21**	**1**	**3**	**507**

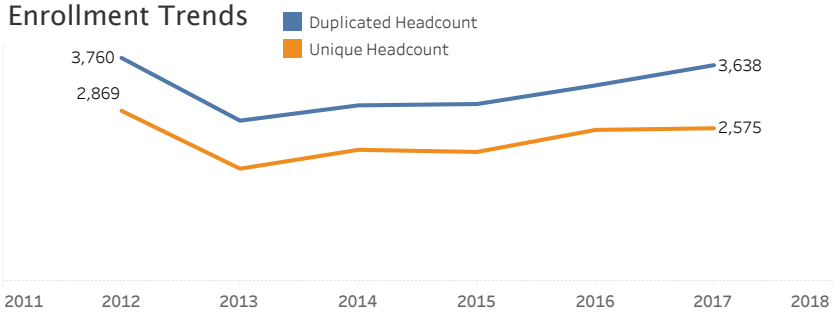
TOP6 Program Title: Administration of Justice
College: San Diego Miramar

Academic Year
2016-17

Enrollment Trends

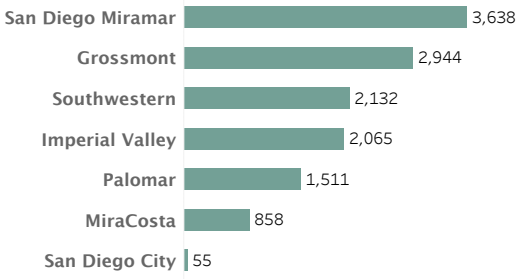
	Duplicated Headcount	Unique Headcount	Course Sections
2011-12	3,760	2,869	117
2012-13	2,703	1,894	79
2013-14	2,961	2,212	91
2014-15	2,983	2,176	91
2015-16	3,297	2,547	111
2016-17	3,638	2,575	122

Enrollment Trends

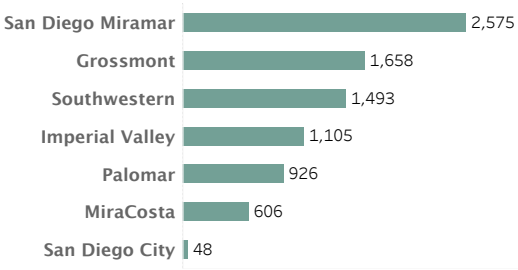


Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

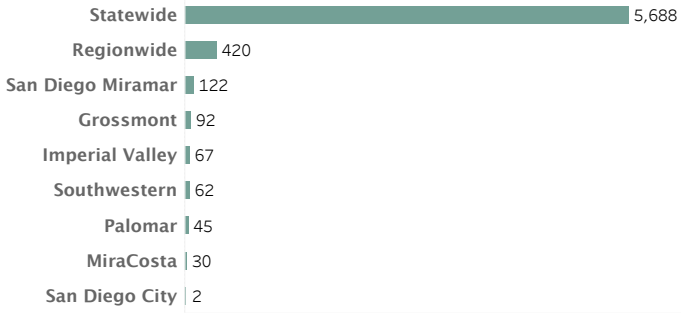
Duplicated Headcount: # Course Enrollments (2016-17)



Unique Headcount: # of Students Who Took 1+ Courses (2016-17)



Course Sections (2016-17)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: Administration of Justice
College: San Diego Miramar

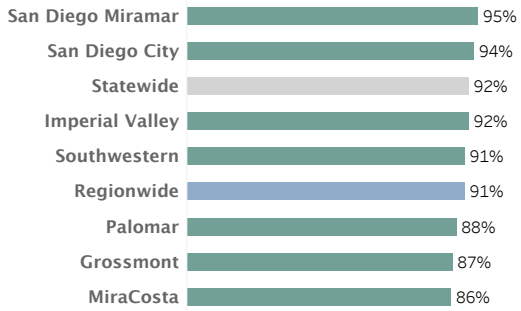
Academic Year
2015-16

Metric

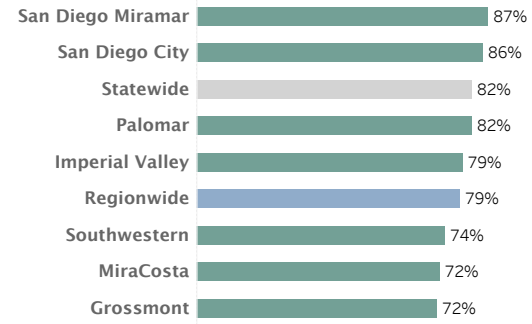
	2013-14	2014-15	2015-16	2016-17
Course Retention Rate	96%	96%	95%	93%
Course Success Rate	90%	91%	87%	82%
Term-to-Term Retention Rate	27%	36%	31%	35%
Persistence Rate	11%	13%	13%	

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

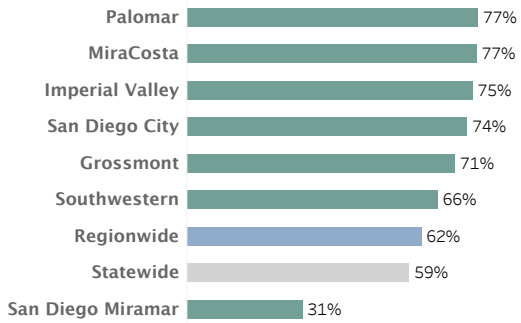
Course Retention Rate (2015-16)



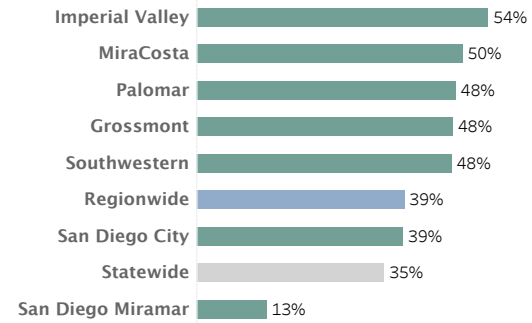
Course Success Rate (2015-16)



Term-to-Term Retention Rate (2015-16)



Persistence Rate (2015-16)



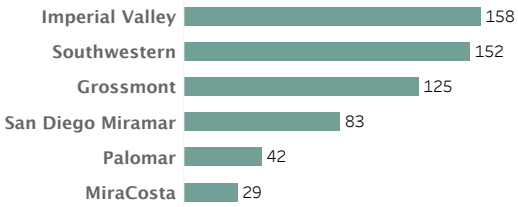
Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: Administration of Justice
College: San Diego Miramar

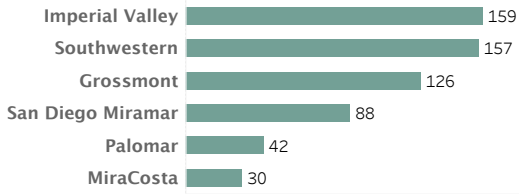
Academic Year
2016-17

Award Level	2014-15	2015-16	2016-17	Latest 3-Yr Avg
Associate Degree	16	3	16	12
Certificate 30 to < 60 semester units	11	3	9	8
Associate Degree for Transfer	72	71	67	70
Grand Total	99	77	92	90

of Students Who Earned Associate Degrees (2016-17)

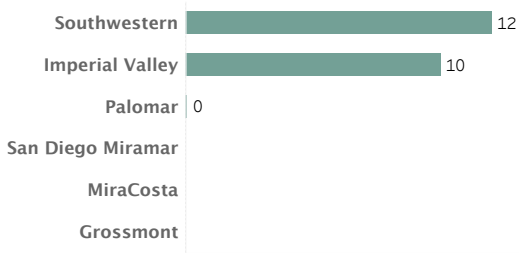


of Students Who Earned a Degree or Certificate (2016-17)



of Students Who Earned a Locally-Issued Certificate (2016-17)

of Students Who Earned a Chancellor's Office Approved Certificate (2016-17)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

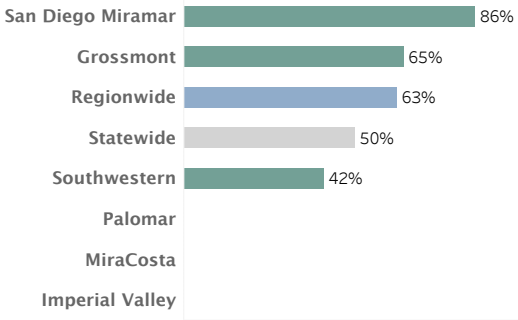
TOP6 Program Title: Administration of Justice
College: San Diego Miramar

Academic Year
2014-15

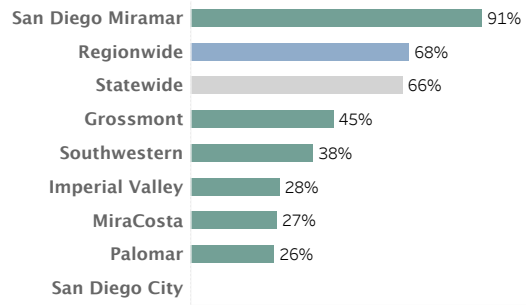
Metric		State	Region	San Diego Miramar
% of Students Who Obtained a Job Closely Related to Field of Study	2014-15	50%	63%	86%
% of Students Who Attained a Living Wage	2014-15	66%	68%	91%
% Median Change in Earnings	2014-15	22%	16%	11%

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

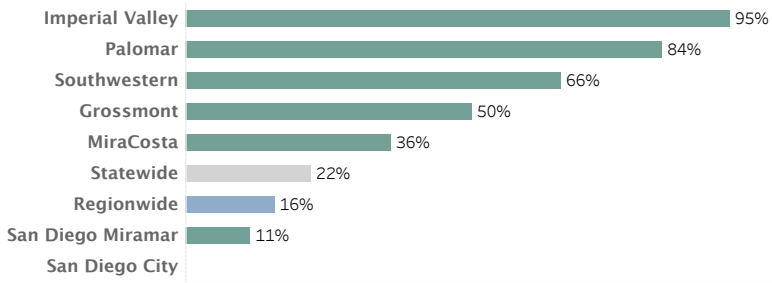
% of Students Who Obtained a Job Closely Related to Field of Study (2014-15)



% of Students Who Attained a Living Wage (2014-15)



% Median Change in Earnings (2014-15)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

Institution Name	TOP6 Program Title	County
San Diego Miramar	Corrections	San Diego

Occupation(s) that students would qualify for after completing this program:

- [x] Correctional Officers and Jailers
- [x] First-Line Supervisors of Correctional Officers
- [x] First-Line Supervisors of Police and Detectives

TOP6 Code	TOP6 Program Title	Institution Name
210510	Corrections	San Diego Miramar

Catalog

Control Number	Catalog Name	Goal	Award
16740	Correctional Training for Deputy Sheriffs	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units
22277	Administration of Justice Correctional Technologies	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units

Refer to the Chancellor's Office Curriculum Inventory for the full list of catalog names by TOP code

TOP6 Program Title: Corrections
County: San Diego

Supply Gap Analysis

For the selected TOP6 code and occupations, there is a(n) **Supply Gap** of **272** jobs.

Annual Job Openings – 5 Yr Avg (Demand)

Occupation	
Correctional Officers and Jailers	217
First-Line Supervisors of Police and Detectives	58
First-Line Supervisors of Correctional Officers	19
Grand Total	294

Annual Program Awards – 3 Yr Avg (Supply)

Institution Name	
Grossmont	14
San Diego Miramar	1
Southwestern	7
Grand Total	22

Education, Training, and Wages

Occupation	Typical Entry-Level Education	Typical On-The-Job Training	25th Pct. Wage	Median Wage
Correctional Officers and Jailers	HS diploma/equiv.	Moderate-term OJT	$27.26	$32.67
First-Line Supervisors of Police and Detectives	HS diploma/equiv.	Moderate-term OJT	$55.27	$63.16
First-Line Supervisors of Correctional Officers	HS diploma/equiv.	None	$45.15	$47.34

TOP6 Program Title: Corrections
County: San Diego

Annual Program Awards – 3 Yr Avg (Supply)

Award Level	Grossmont	San Diego Miramar	Southwestern	Grand Total
Associate Degree	7	1		8
Certificate 18 to < 30 semester units	5			5
Certificate 30 to < 60 semester units	2		7	9
Grand Total	14	1	7	22

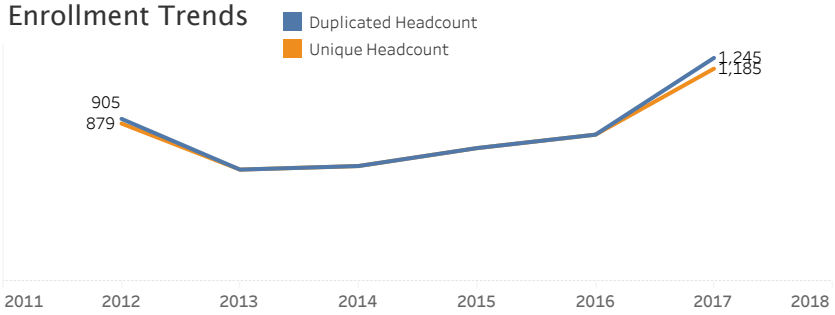
TOP6 Program Title: Corrections
College: San Diego Miramar

Academic Year
2016-17

Enrollment Trends

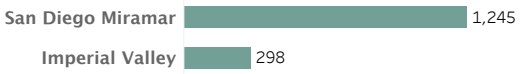
	Duplicated Headcount	Unique Headcount	Course Sections
2011-12	905	879	35
2012-13	622	622	21
2013-14	642	642	20
2014-15	742	742	24
2015-16	817	817	28
2016-17	1,245	1,185	37

Enrollment Trends

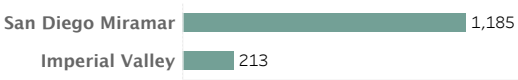


Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

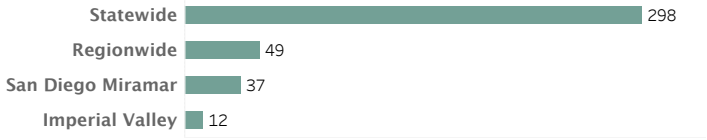
Duplicated Headcount: # Course Enrollments (2016-17)



Unique Headcount: # of Students Who Took 1+ Courses (2016-17)



Course Sections (2016-17)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: Corrections
College: San Diego Miramar

Academic Year
2015-16

Metric

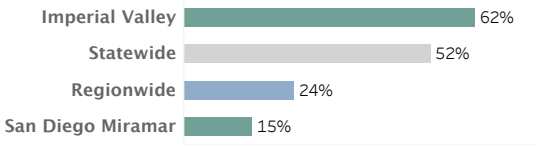
	2013-14	2014-15	2015-16	2016-17
Course Retention Rate	100%	100%	100%	100%
Course Success Rate	100%	100%	100%	100%
Term-to-Term Retention Rate	20%	12%	15%	15%
Persistence Rate		2%	2%	

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

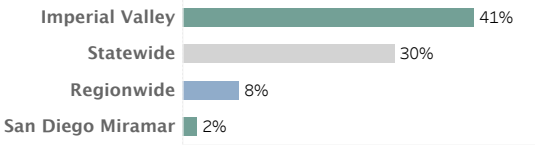
Course Retention Rate (2015-16)

Course Success Rate (2015-16)

Term-to-Term Retention Rate (2015-16)



Persistence Rate (2015-16)



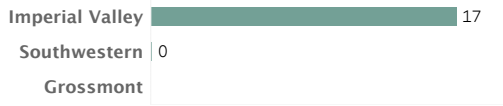
Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: Corrections
College: San Diego Miramar

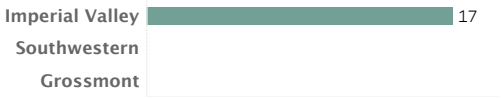
Academic Year
2016-17

Award Level	2014-15	2015-16	2016-17	Latest 3-Yr Avg
Associate Degree	0	1	0	0
Grand Total	0	1	0	0

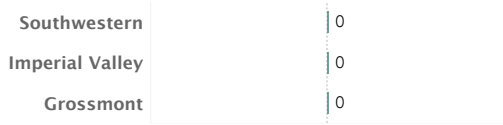
of Students Who Earned Associate Degrees (2016-17)



of Students Who Earned a Degree or Certificate (2016-17)



of Students Who Earned a Locally-Issued Certificate (2016-17)



of Students Who Earned a Chancellor's Office Approved Certificate (2016-17)

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: Corrections
College: San Diego Miramar

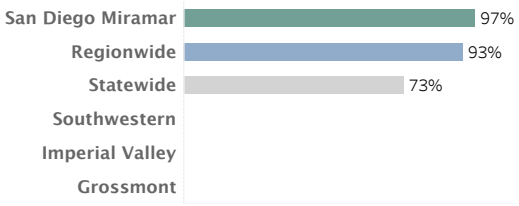
Academic Year
2014-15

Metric		State	Region	San Diego Miramar
% of Students Who Obtained a Job Closely Related to Field of Study	2014-15	66%		
% of Students Who Attained a Living Wage	2014-15	73%	93%	97%
% Median Change in Earnings	2014-15	31%	16%	15%

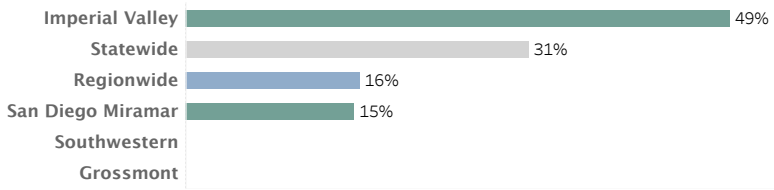
Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

% of Students Who Obtained a Job Closely Related to Field of Study (2014-15)

% of Students Who Attained a Living Wage (2014-15)



% Median Change in Earnings (2014-15)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

Institution Name	TOP6 Program Title	County
San Diego Miramar	Forensics, Evidence, and Investigation	San Diego

Occupation(s) that students would qualify for after completing this program:

- [x] Forensic Science Technicians
- [x] Gaming Surveillance Officers and Gaming Investigators
- [x] Information Security Analysts

TOP6 Code	TOP6 Program Title	Institution Name
210540	Forensics, Evidence, and Investigation	San Diego Miramar

SAN DIEGO MIRAMAR COLLEGE

Catalog

Control Number	Catalog Name	Goal	Award
22276	Administration of Justice Investigations Specialization	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units

Refer to the Chancellor's Office Curriculum Inventory for the full list of catalog names by TOP code

TOP6 Program Title: Forensics, Evidence, and Investigation
County: San Diego

Supply Gap Analysis

For the selected TOP6 code and occupations, there is a(n) **Supply Gap** of **46** jobs.

Annual Job Openings – 5 Yr Avg (Demand)

Occupation	
Information Security Analysts	86
Forensic Science Technicians	23
Gaming Surveillance Officers and Gaming Investigators	18
Grand Total	127

Annual Program Awards – 3 Yr Avg (Supply)

Institution Name	
Grossmont	59
Palomar	6
San Diego Miramar	12
Southwestern	4
Grand Total	81

Education, Training, and Wages

Occupation	Typical Entry-Level Education	Typical On-The-Job Training	25th Pct. Wage	Median Wage
Information Security Analysts	Bachelor's deg.	None	$37.16	$46.62
Forensic Science Technicians	Bachelor's deg.	Moderate-term OJT	$31.15	$37.57
Gaming Surveillance Officers and Gaming Investigators	HS diploma/equiv.	Moderate-term OJT	$15.54	$18.70

TOP6 Program Title: Forensics, Evidence, and Investigation
County: San Diego

Annual Program Awards – 3 Yr Avg (Supply)

Award Level	Grossmont	Palomar	San Diego Miramar	Southwestern	Grand Total
Associate Degree	27	6	6	3	**42**
Certificate 18 to < 30 semester units			1		**1**
Certificate 30 to < 60 semester units	32		5	1	**38**
Grand Total	**59**	**6**	**12**	**4**	**81**

TOP6 Program Title: Forensics, Evidence, and Investigation
College: San Diego Miramar

Academic Year
2016-17

Enrollment Trends

Enrollment Trends

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

Duplicated Headcount: # Course Enrollments (2016-17)

Unique Headcount: # of Students Who Took 1+ Courses (2016-17)

Course Sections (2016-17)

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: Forensics, Evidence, and Investigation
College: San Diego Miramar

Academic Year
2015-16

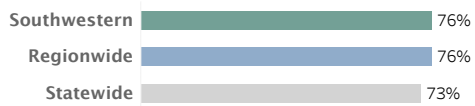
Metric

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

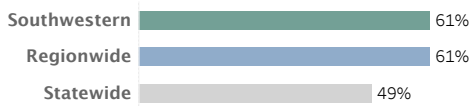
Course Retention Rate (2015-16)

Course Success Rate (2015-16)

Term-to-Term Retention Rate (2015-16)



Persistence Rate (2015-16)



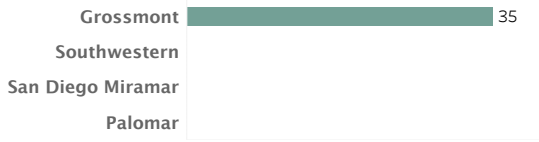
Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: Forensics, Evidence, and Investigation
College: San Diego Miramar

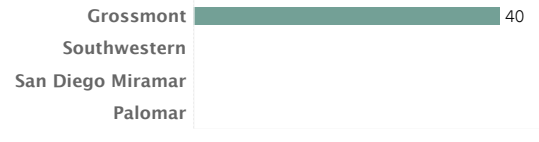
Academic Year
2016-17

Award Level	2014-15	2015-16	2016-17	Latest 3-Yr Avg
Associate Degree	5	8	4	6
Certificate 30 to < 60 semester units	5	5	6	5
Certificate 18 to < 30 semester units	1	0	0	0
Grand Total	11	13	10	11

of Students Who Earned Associate Degrees (2016-17)

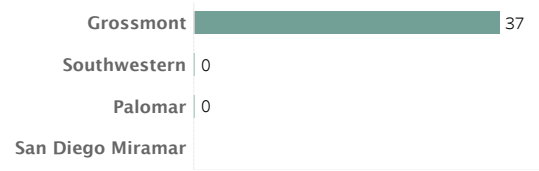


of Students Who Earned a Degree or Certificate (2016-17)



of Students Who Earned a Locally-Issued Certificate (2016-17)

of Students Who Earned a Chancellor's Office Approved Certificate (2016-17)



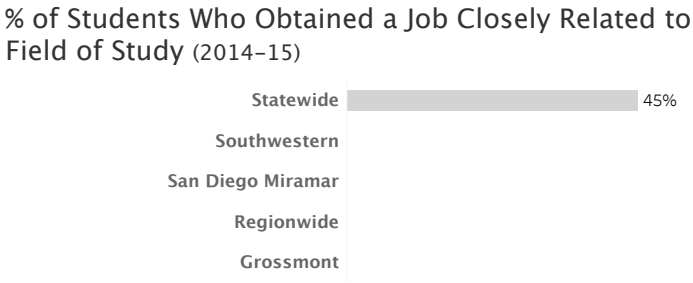
Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

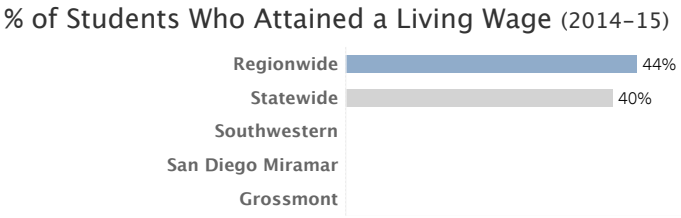
TOP6 Program Title: Forensics, Evidence, and Investigation
College: San Diego Miramar

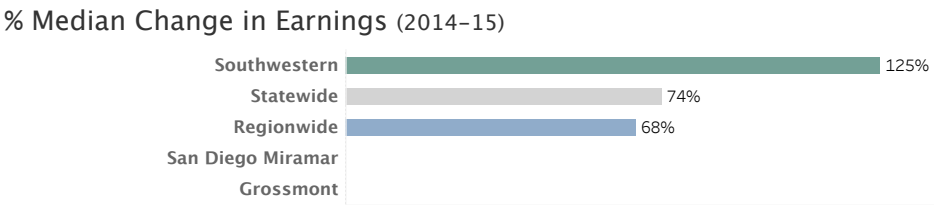
Academic Year
2014-15

Metric		State	Region	San Diego Miramar
% of Students Who Obtained a Job Closely Related to Field of Study	2014-15	45%		
% of Students Who Attained a Living Wage	2014-15	40%	44%	
% Median Change in Earnings	2014-15	74%	68%	

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.







Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

Institution Name	TOP6 Program Title	County
San Diego Miramar	Police Academy	San Diego

Occupation(s) that students would qualify for after completing this program:

- [x] Bailiffs
- [x] Detectives and Criminal Investigators
- [x] Police and Sheriff's Patrol Officers
- [x] Private Detectives and Investigators

TOP6 Code	TOP6 Program Title	Institution Name
210550	Police Academy	San Diego Miramar

Catalog

Control Number	Catalog Name	Goal	Award
05098	Administration of Justice: Law Enforcement Technologies	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units
16665	Technical Achievement for Field Training Officers	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units
16739	Administration of Justice Law Enforcement Supervision	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units
16743	Advanced Traffic Accident Investigation	CTE (Limited to programs in CTE TOP codes other than ADTs)	Certificate of Achievement: 18 or greater semester(or 27 or greater quarter) units

Refer to the Chancellor's Office Curriculum Inventory for the full list of catalog names by TOP code

TOP6 Program Title: Police Academy
County: San Diego

Supply Gap Analysis

For the selected TOP6 code and occupations, there is a(n) **Supply Gap** of **759** jobs.

Annual Job Openings – 5 Yr Avg (Demand)

Occupation	
Police and Sheriff's Patrol Officers	538
Detectives and Criminal Investigators	227
Private Detectives and Investigators	64
Bailiffs	2
Grand Total	831

Annual Program Awards – 3 Yr Avg (Supply)

Institution Name	
Grossmont	40
Palomar	9
San Diego Miramar	3
Southwestern	20
Grand Total	72

Education, Training, and Wages

Occupation	Typical Entry-Level Education	Typical On-The-Job Training	25th Pct. Wage	Median Wage
Police and Sheriff's Patrol Officers	HS diploma/equiv.	Moderate-term OJT	$33.71	$41.08
Detectives and Criminal Investigators	HS diploma/equiv.	Moderate-term OJT	$42.13	$43.40
Private Detectives and Investigators	HS diploma/equiv.	Moderate-term OJT	$22.92	$30.99
Bailiffs	HS diploma/equiv.	Moderate-term OJT	$10.88	$12.57

TOP6 Program Title: Police Academy
County: San Diego

Annual Program Awards – 3 Yr Avg (Supply)

Award Level	Grossmont	Palomar	San Diego Miramar	Southwestern	Grand Total
Associate Degree	20				20
Certificate 18 to < 30 semester units			3	20	23
Certificate 30 to < 60 semester units	20	9			29
Grand Total	**40**	**9**	**3**	**20**	**72**

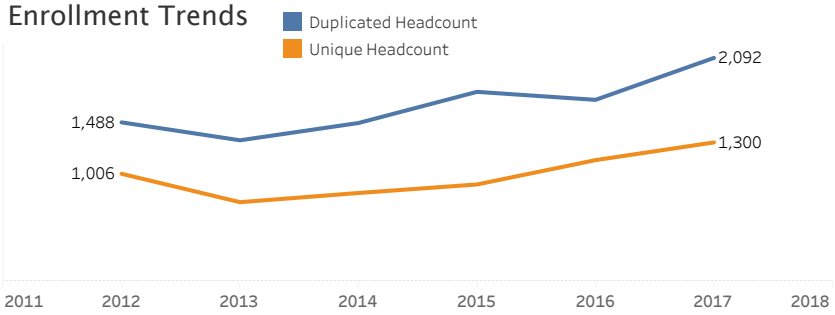
TOP6 Program Title: Police Academy
College: San Diego Miramar

Academic Year
2016-17

Enrollment Trends

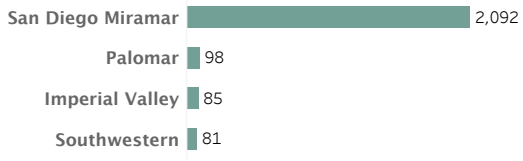
	Duplicated Headcount	Unique Headcount	Course Sections
2011-12	1,488	1,006	54
2012-13	1,320	740	29
2013-14	1,482	826	34
2014-15	1,774	906	39
2015-16	1,699	1,134	48
2016-17	2,092	1,300	58

Enrollment Trends

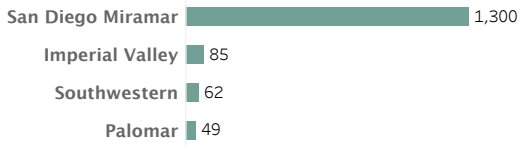


Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

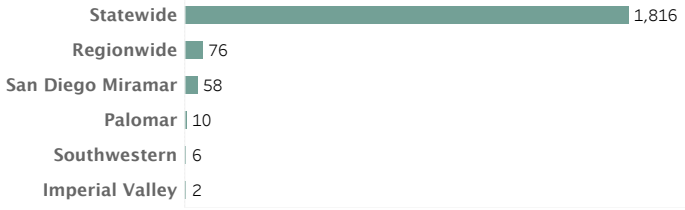
Duplicated Headcount: # Course Enrollments (2016-17)



Unique Headcount: # of Students Who Took 1+ Courses (2016-17)



Course Sections (2016-17)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: Police Academy
College: San Diego Miramar

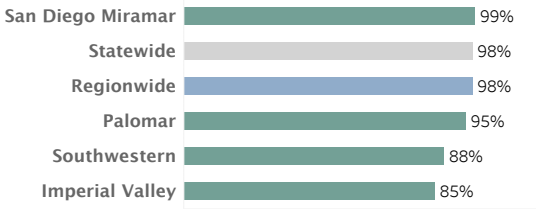
Academic Year
2015-16

Metric

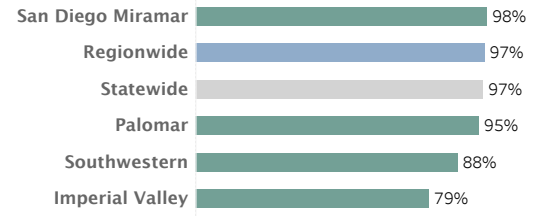
	2013-14	2014-15	2015-16	2016-17
Course Retention Rate	99%	99%	99%	99%
Course Success Rate	99%	99%	98%	99%
Term-to-Term Retention Rate	29%	43%	25%	28%
Persistence Rate	3%	7%	4%	

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

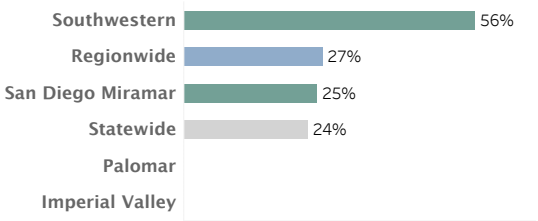
Course Retention Rate (2015-16)



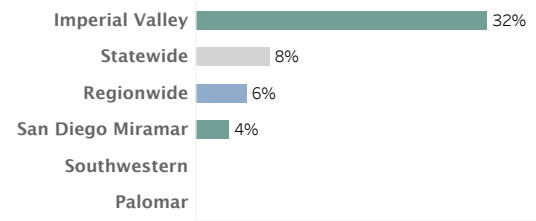
Course Success Rate (2015-16)



Term-to-Term Retention Rate (2015-16)



Persistence Rate (2015-16)



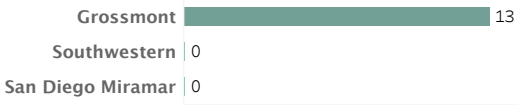
Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

TOP6 Program Title: Police Academy
College: San Diego Miramar

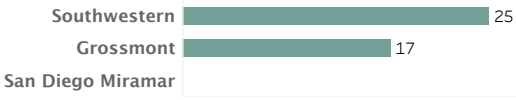
Academic Year
2016-17

Award Level	2014-15	2015-16	2016-17	Latest 3-Yr Avg
Certificate 18 to < 30 semester units	0	4	4	3
Grand Total	0	4	4	3

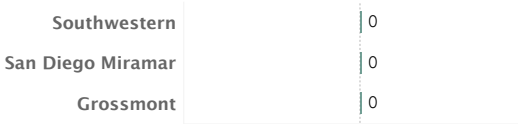
of Students Who Earned Associate Degrees (2016-17)



of Students Who Earned a Degree or Certificate (2016-17)



of Students Who Earned a Locally-Issued Certificate (2016-17)



of Students Who Earned a Chancellor's Office Approved Certificate (2016-17)

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

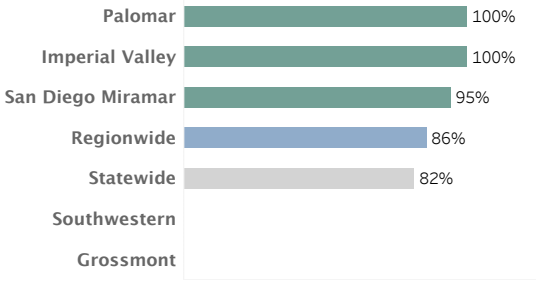
TOP6 Program Title: Police Academy
College: San Diego Miramar

Academic Year
2014-15

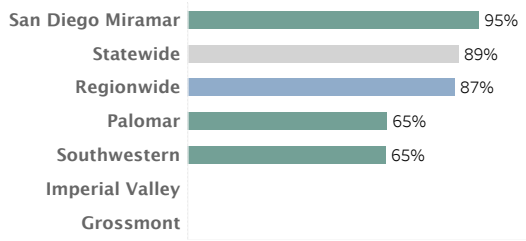
Metric		State	Region	San Diego Miramar
% of Students Who Obtained a Job Closely Related to Field of Study	2014-15	82%	86%	95%
% of Students Who Attained a Living Wage	2014-15	89%	87%	95%
% Median Change in Earnings	2014-15	28%	38%	39%

Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

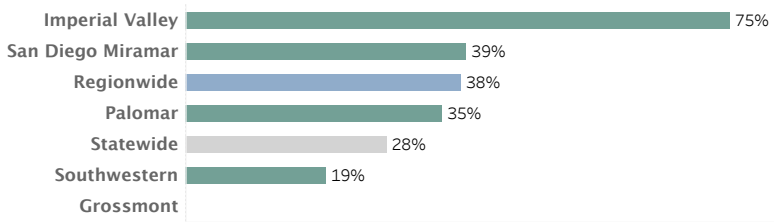
% of Students Who Obtained a Job Closely Related to Field of Study (2014-15)



% of Students Who Attained a Living Wage (2014-15)



% Median Change in Earnings (2014-15)



Note: If there were fewer than 10 students, the data for the metric were suppressed in the Chancellor's Office LaunchBoard.

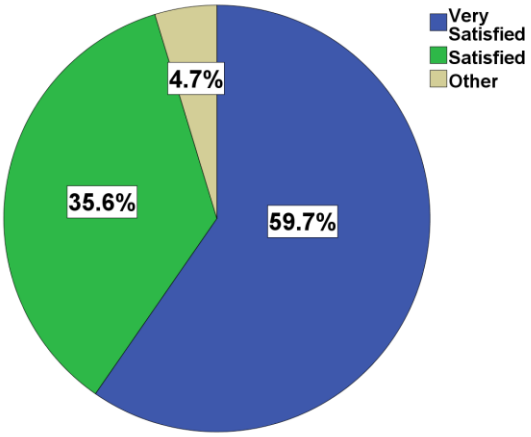
Career & Technical Education Employment Outcomes Survey

2019 College Report

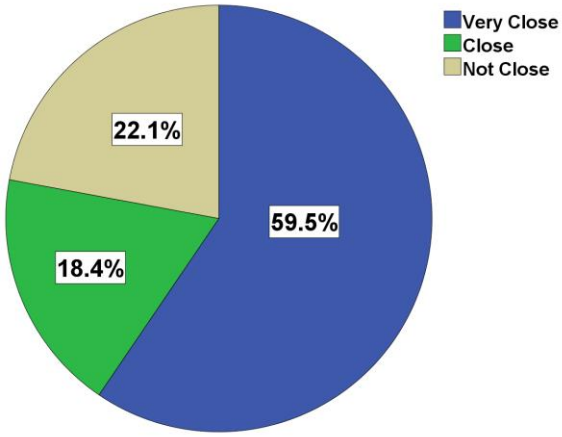
San Diego Miramar College

Completer and skills-building students at San Diego Miramar College were surveyed if they met one of the following criteria in 2016-2017, and did not enroll (or were minimally enrolled) in 2017-2018: earned a certificate of 6 or more units, earned a vocational degree, or earned 9+ CTE units. The survey was administered in early 2019 by e-mail, text message (SMS), and telephone. The survey addressed student perceptions of their CTE program, employment outcomes, and how their coursework and training relate to their current career. A total of 1551 students were surveyed and 407 (26%) students responded: 35% by email, 60% by phone, and 5% by SMS.

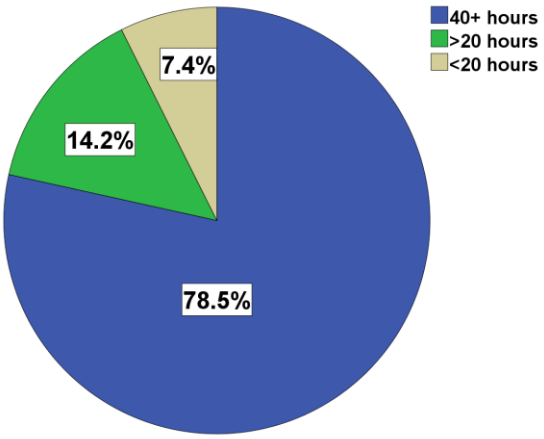
How satisfied are students with the education and training they received?



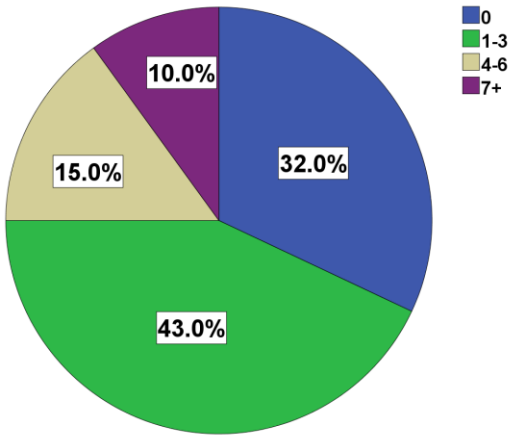
How many students secured a job that is closely related to their program of study?



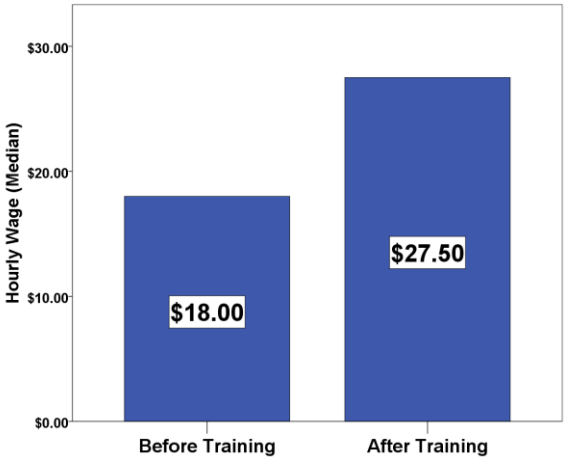
How many hours per week are employed students working?



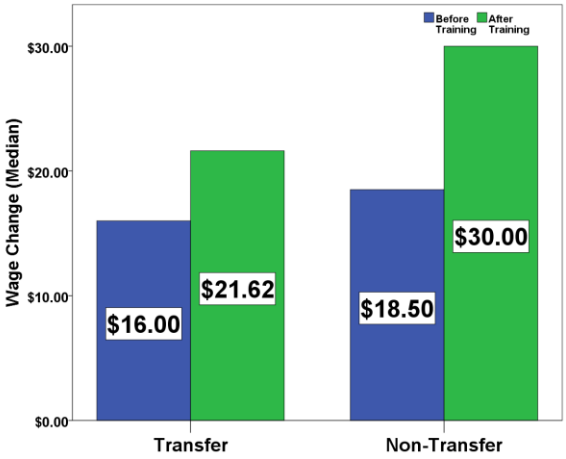
How many months did it take for students to find a job?



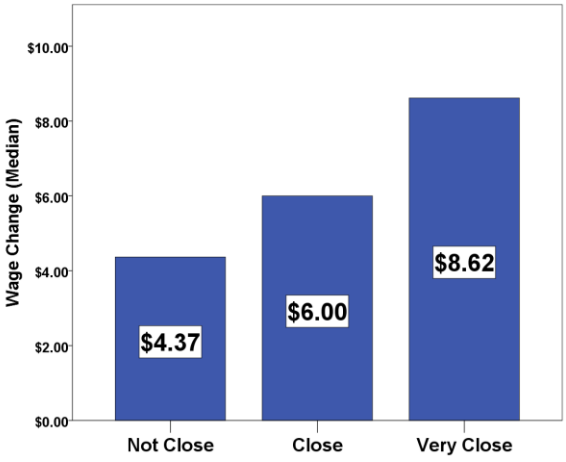
What were the hourly wages of the students before training versus after training?



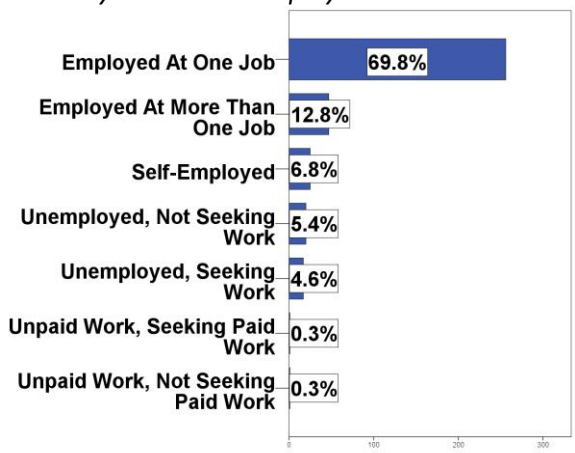
What were the hourly wages of transfer students and non-transfer students—before training versus after training?



Does the similarity between job and program of study influence wage gains?



What is your current employment status?



More Key Results

$9.50 is the overall change in hourly wages after completing training—in dollars

53% is the overall change in hourly wages after completing training—in percentage gain

89% of respondents reported being employed for pay

28% of respondents reported transferring to another college or university

95% of respondents reported being very satisfied or satisfied with their training.

Conclusion

The results of the survey showed that completing CTE studies and training – whether or not a credential is earned, whether or not a student transfers – is related to positive employment outcomes. The preponderance of respondents are employed and are working in the same field as their studies or training. Notably, students realize a greater wage gain after completing their studies if they secure a job that is similar to their program of study.