

Introduction to Program Review Data for Instructional Programs



FLEX #79749

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Quick Poll:



How are you currently feeling about accessing and analyzing data for your program review?

I'm so excited.





**KEEP
CALM
AND
GEEK OUT WITH
YOUR DATA**

Learning Outcomes

By the end of the session, participants will be able to...

- Identify program key performance indicators
- Describe how key performance indicator data can be used for program planning
- Summarize relevant key performance indicator data for the program

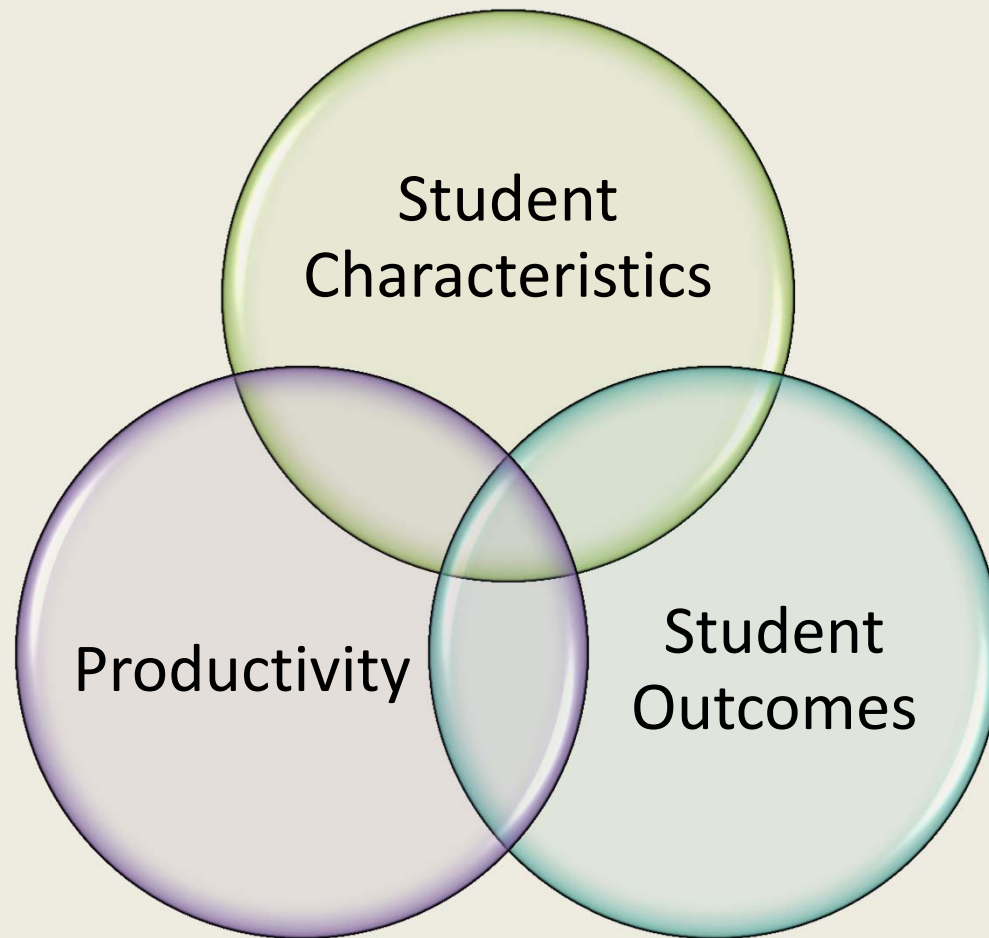
What can your program review data provide?

- A high-level view of the program's **history** and **current status**
- Information on **trends** and program **progress**
- A description of the **students** enrolled in program courses
- A summary of student **performance** in program courses
- Information of **demand** for program courses and program productivity

Leveraging Data for Program Planning and Improvement

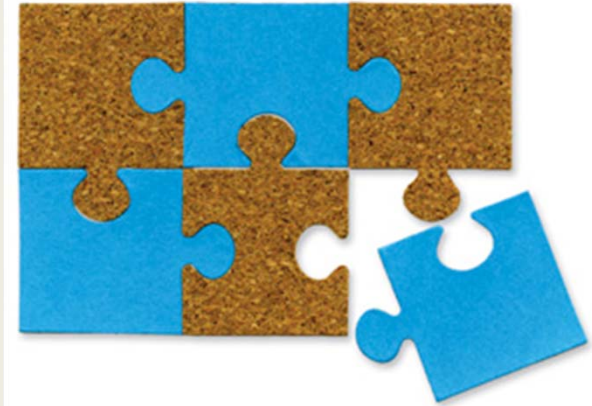


Mesa College Key Performance Indicators



Getting to Know Your Program Review Data

- **Student Demographics**
 - ...KPIs_Student Characteristics.pdf
- **Course Success, Retention, and GPA**
 - ...KPIs_Student_Outcomes.pdf
- **Enrollment, Fill Rates, and Load**
 - ...KPIs_Productivity.pdf
- **Degrees and Certificates**
 - ...ProgramAwards.pdf



Accessing Your Program Review Data

Taskstream.com

https://www.taskstream.com/Main/homeCIP/default.asp

SAN DIEGO MESA COLLEGE

Brianna Hays My Account Logout ? Help taskstream

Shared Resources Locator Messages Resource Tools Analytics

View Content Discussion Read Reviews Options & Info

Sandbox - Instruction (Workspace: Instructional Program Review 2014/15)

Expand All Collapse All

General Information

- 2014/15 Instructional Program Review
 - PROGRAM REVIEW DATA AND RESOURCES**
 - Program Review Submission Information
 - Executive Summary
 - Tenured/Tenure Track Faculty & Support Staff
 - Program Mission Statement
 - Alignment of Program Mission Statement
 - Program Description (from Catalog)
 - Degrees, Certificates, & Licensures
 - Curriculum Review & Development
 - Program-Level SLO Assessment
 - Course-Level SLO Assessment
 - CTE Advisory Committee
 - CTE Labor Market Indicators
 - IE Data Analysis
 - Relevant Data

Content Log

Print PDF

Work in Progress

Help on this Page

PROGRAM REVIEW DATA AND RESOURCES

Directions

File Attachments:

- 2014-2015 Mesa Catalog.pdf
- KPIs_COLLEGE_Productivity.pdf
- KPIs_COLLEGE_Student_Characteristics.pdf
- KPIs_COLLEGE_Student_Outcomes.pdf

Web Links:

- Program Review Website

Review Method

Attachment Section

Your KPI data files are located here (e.g., KPIs_ACCT_Productivity)



Student Characteristics

Demographics and Background Information on Students Enrolled in Your Program Courses

What's In It For Me?

- You get to know a little bit about your students
- You can find out how many students are enrolling in program courses
- You can compare trends from year to year to see demographic shifts in your student population

What's in a Student Characteristics Report?

- Annual *unduplicated* student headcount for 5 years, overall and disaggregated by...
 - Gender
 - Ethnicity
 - Age
 - DSPS Status
 - First Generation College Student Status
 - Prior Education Level

Sample Report: Hula Hoops Program

Table 1.1: Annual Program Student Headcount

	2009-10	2010-11	2011-12	2012-13	2013-14	5-Yr % Change
Overall Program	4,203	4,579	4,188	4,119	3,994	-5%

Table 1.2: Annual Student Headcount by Gender

	2009-10		2010-11		2011-12		2012-13		2013-14		5-Yr % Change	5-Yr Avg
Female	1,843	43%	1,970	44%	1,771	42%	1,739	42%	1,687	42%	-8%	43%
Male	2,359	57%	2,609	56%	2,417	58%	2,380	58%	2,307	58%	-2%	57%
Unreported	1	0%	0	0%	0	0%	0	0%	0	0%	-100%	0%
Total	4,203	100%	4,579	100%	4,188	100%	4,119	100%	3,994	100%	-5%	100%

Table 1.3: Annual Student Headcount by Ethnicity

	2009-10		2010-11		2011-12		2012-13		2013-14		5-Yr % Change	5-Yr Avg
African American	245	6%	306	7%	218	5%	240	6%	241	6%	-2%	6%
American Indian	32	1%	30	1%	26	1%	24	1%	22	1%	-31%	1%
Asian/Pacific Islander	622	15%	681	15%	579	14%	601	15%	543	14%	-13%	14%
Filipino	229	5%	263	6%	200	5%	213	5%	187	5%	-18%	5%
Latino	751	18%	998	22%	1,068	26%	1,129	27%	1,179	30%	57%	24%
White	1,735	41%	1,798	39%	1,700	41%	1,534	37%	1,449	36%	-16%	39%
Other	170	4%	234	5%	235	6%	267	6%	282	7%	66%	6%
Unreported	419	10%	269	6%	162	4%	111	3%	91	2%	-78%	5%
Total	4,203	100%	4,579	100%	4,188	100%	4,119	100%	3,994	100%	-5%	100%

Student Characteristics Activity

- Looking at the sample report, what trends do you notice?
- Now, looking at your program data, what stands out to you?
- Which data points are most meaningful for planning purposes?
- What are the implications for practice?



Student Outcomes

Program and Course Enrollment, Retention, Success, and GPA

What's In It For Me?

- You can...
 - examine changes in student outcomes before and after curriculum changes or other factors that may have impacted the program or course
 - determine if there are any equity gaps in student achievement
 - assess patterns of student performance in online and face-to-face classes

What's in a Student Outcomes Report?

- *Annual enrollment, retention, success, and program/course GPA for 5 years, overall and disaggregated by...*
 - Gender
 - Ethnicity
 - Online Status
 - Course

Student Outcomes Terms and Definitions

- **Enrollment**

- The number of seats enrolled as of census

- **Retention Rate**

$$\frac{\text{\# of students with a final grade of A, B C, D, F, P, NP, I, RD}}{\text{\# of students enrolled at census}}$$

- **Success Rate**

$$\frac{\text{\# of students with a final grade of A, B, C, or P}}{\text{\# of students enrolled at census}}$$

- **Program or Course GPA**

- Total grade points earned divided by the number of units attempted
- across all courses in the program (program GPA)
- OR across all sections of the course (course GPA)

Sample Student Outcomes Report

Table 2.1. Annual Program Outcomes

	Enrollment	Retention Counts	Retention Rate	Success Counts	Success Rate	Program GPA
2009/10	4,706	3,881	82%	3,099	66%	2.68
2010/11	5,203	4,355	84%	3,320	64%	2.56
2011/12	4,813	3,841	80%	2,987	62%	2.59
2012/13	4,643	3,889	84%	3,104	67%	2.69
2013/14	4,509	3,801	84%	3,014	67%	2.68

Table 2.2. Annual Program Outcomes by Class Online Status

		Enrollment	Retention Counts	Retention Rate	Success Counts	Success Rate	Program GPA
Not an Online Class	2009/10	3,175	2,719	86%	2,244	71%	2.79
	2010/11	3,453	3,019	87%	2,432	70%	2.72
	2011/12	3,227	2,742	85%	2,184	68%	2.67
	2012/13	3,303	2,896	88%	2,369	72%	2.77
	2013/14	3,111	2,775	89%	2,274	73%	2.78
Online Class	2009/10	1,531	1,162	76%	855	56%	2.46
	2010/11	1,750	1,336	76%	888	51%	2.24
	2011/12	1,586	1,099	69%	803	51%	2.42
	2012/13	1,340	993	74%	735	55%	2.50
	2013/14	1,398	1,026	73%	740	53%	2.41

Student Outcomes Activity

- Looking at the sample report, what trends do you notice?
- Now, looking at your program data, what stands out to you?
- Which data points are most meaningful for planning purposes?
- What are the implications for practice?



Productivity

Program and Course Enrollment, Retention, Success, and GPA

What's In It For Me?

- You can...
 - assess demand for program courses
 - measure program faculty load from year to year
 - examine patterns of productivity across courses

What's in a Productivity Report?

- Five years of...
 - Enrollment
 - Capacity
 - Fill rate
 - Load
 - FTEF
 - FTES

Productivity Terms and Definitions

- **Enrollment**
 - The number of seats enrolled as of census
- **Capacity**
 - The maximum capacity or enrollment maximum for a given course
- **Fill Rate** = $\frac{\text{Total Enrollment}}{\text{Total Capacity}}$
- **FTEF**
 - Total number of full-time equivalent faculty assigned
 - 1 FTEF = 15 hours of lecture (20 hours of lab) per week

Productivity Terms and Definitions (continued)

- **WSCH**

- **W**eekly **S**tudent **C**ontact **H**ours
- Number of student contact hours per week x
Number of students enrolled at census

- **FTES**

- Total number of full-time equivalent students enrolled
- 1 student enrolled in 15 semester hours
- For weekly/daily census classes:
 - $FTEF = WSCH \times \text{Term Length Multiplier (16.5 at Mesa)} / 525$

- **Load**

$$- \frac{WSCH}{FTEF}$$

Sample Productivity Report

Table 3.1: Annual Program Productivity

	Sections	Enrollment	Capacity	Fill Rate%	FTEF	LOAD	FTES
2009/10	140	4,706	4,828	97%	35.15	617	682.11
2010/11	165	5,203	5,556	94%	39.69	604	754.18
2011/12	155	4,813	4,964	96%	35.03	639	703.52
2012/13	149	4,643	4,770	97%	34.13	629	674.89
2013/14	166	4,509	4,933	91%	35.55	589	657.79

Table 3.2: Annual Productivity by Course

		Sections	Enrollment	Capacity	Fill Rate%	FTEF	LOAD	FTES
HOOPS 102	2009/10	39	1,454	1,365	106%	6.80	711	151.94
	2010/11	44	1,507	1,493	101%	7.40	674	156.71
	2011/12	38	1,267	1,157	106%	6.00	698	131.55
	2012/13	37	1,160	1,076	107%	5.40	716	121.46
	2013/14	44	1,211	1,177	102%	5.80	694	126.47
HOOPS 103	2009/10	25	850	905	94%	4.20	672	88.58
	2010/11	29	979	1,041	94%	4.60	702	101.46
	2011/12	26	879	906	97%	4.00	724	90.99
	2012/13	27	970	992	97%	4.40	727	100.50
	2013/14	27	917	998	92%	4.40	686	94.85

Student Productivity Activity

- Looking at the sample report, what trends do you notice?
- Now, looking at your program data, what stands out to you?
- Which data points are most meaningful for planning purposes?
- What are the implications for practice?

BUT WAIT. . .THERE'S MORE. . .

*Program Review Data Training
for Advanced Lead Writers:*

Leveraging Research Data for Instructional Program Improvement

October 17th @ 10:30am

LRC 432

Questions?

- bhays@sdccd.edu or 619-388-2319

