RCCD | RIVERSIDE COMMUNITY COLLEGE DISTRICT

Riverside Community College District

Partnership Resource Team Outcomes and Progress-to-Date

May 4, 2021

Scaling Up – PRT (Partnership Resource Team)

- Institutional Effectiveness Partnership Initiative (IEPI) and a Partnership Resource Team (PRT) visited the district office three times to assist us in developing a district Innovation and Effectiveness Plan.

- Received a $200,000 seed grant.

- <u>Rationale</u>
  - It is very complicated to extract data from Colleague
    - Build a data warehouse/reporting system for improved data access.

  - Align with Vision for Success
    - Identify a reporting tool for creating/publishing interactive data dashboards, aligned with the Vision for Success key performance indicators.

Progress Report on PRT Projects

Project 1: Establishing a districtwide data and storage and reporting system.

- ODS (Operational Data Store) is completed. Colleague data are moved to SQL server.
- We contracted with a vendor to design a data warehouse, which will integrate with the new ERP.
- A SQL server was set up to store all MIS data for researchers districtwide.

Progress Report on PRT Projects

Project 2: Evaluating and purchasing an enterprise platform to generate and publish interactive data dashboards.

- Power BI Premium is purchased and configured.
- Various interactive data dashboards are created and shared internally.
- Several high-level data dashboards will soon be published on the district website.

RCCD BI Goal: Getting actionable data to the users in a timely manner

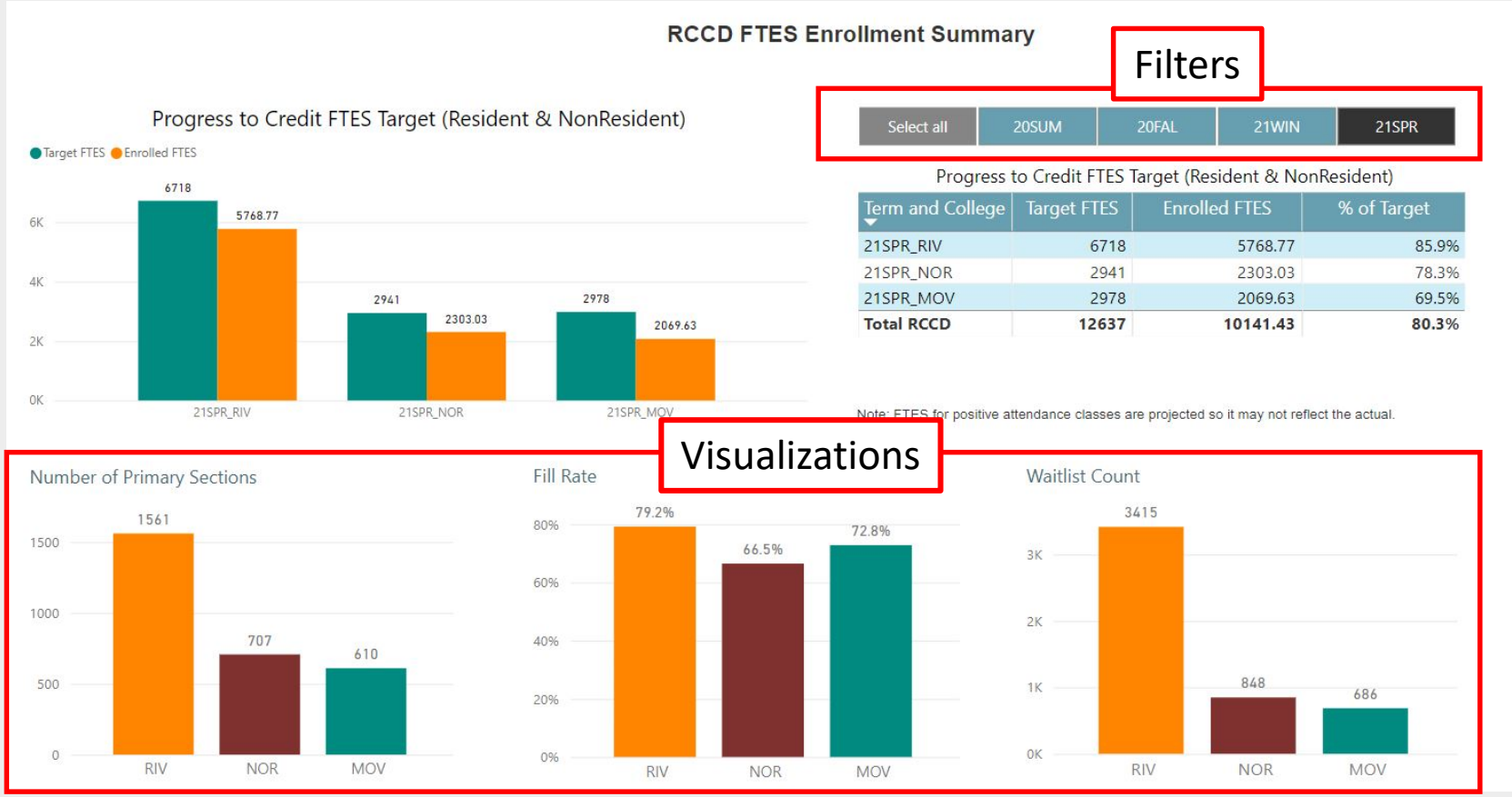
TRADITIONAL PROCESS

- Requestor questions researcher
- Researcher returns the result
- Original query modified, researcher queries data
- Complex questions may need many possible iterations, requiring multiple data pulls
- Eventually question is answered, or more in-depth study is needed

DASHBOARD PROCESS

- Requestor referred to dashboard
- Requestor selects options/filters to view
- Requestor can repeat the analysis as many times as necessary
- Eventually question is answered, or more in depth-study is needed
- Process is quicker, more user-directed

Interactive data dashboards allow users to select (or filter) the needed information and modify the results (visualizations) as requested.



RCCD | RIVERSIDE COMMUNITY COLLEGE DISTRICT

Moreno Valley College | Norco College | RCC

Term | Annual

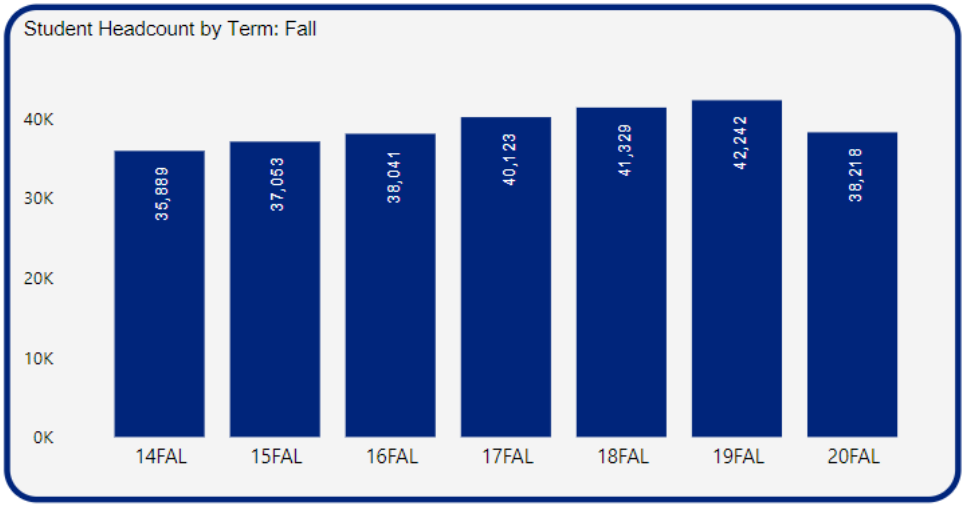
Term: Fall

RCCD Student Headcount: (Fall)

README

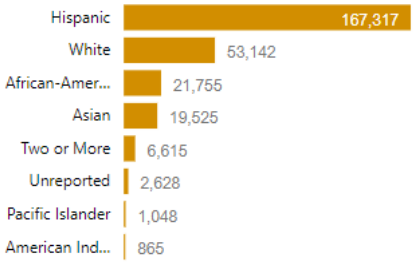
Click on data points in graphs or table to filter dashboard by selection (hold Ctrl for multiple)

Ethnicity | Age | Gender | Full-Time

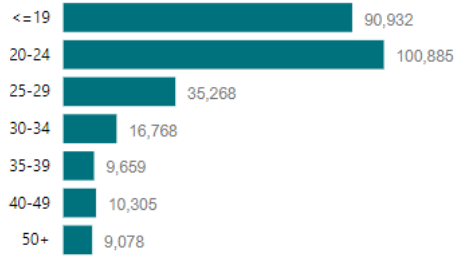


Student Headcount by Term: Fall

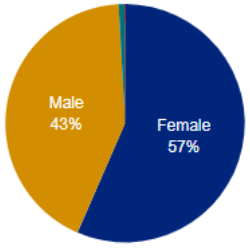
College	MVC		NC		RCC		District	
Ethnicity	Count	%	Count	%	Count	%	Count	%
African-American	7,290	11.3%	3,991	5.7%	10,474	7.5%	**21,755**	**8.0%**
American Indian	185	0.3%	184	0.3%	496	0.4%	**865**	**0.3%**
Asian	3,501	5.4%	6,546	9.4%	9,478	6.8%	**19,525**	**7.2%**
Hispanic	41,610	64.6%	40,335	58.1%	85,372	61.4%	**167,317**	**61.3%**
Pacific Islander	252	0.4%	239	0.3%	557	0.4%	**1,048**	**0.4%**
Two or More	1,719	2.7%	1,676	2.4%	3,220	2.3%	**6,615**	**2.4%**
Unreported	419	0.7%	434	0.6%	1,775	1.3%	**2,628**	**1.0%**
White	9,474	14.7%	16,053	23.1%	27,615	19.9%	**53,142**	**19.5%**
Total	**64,450**	**100.0%**	**69,458**	**100.0%**	**138,987**	**100.0%**	**272,895**	**100.0%**



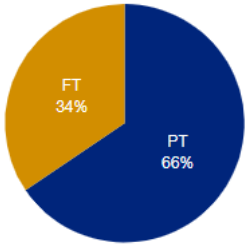
Ethnicity



Age



Gender



Part/Full Time

RCCD | RIVERSIDE COMMUNITY COLLEGE DISTRICT

Moreno Valley College | Norco College | RCC

Term | Annual

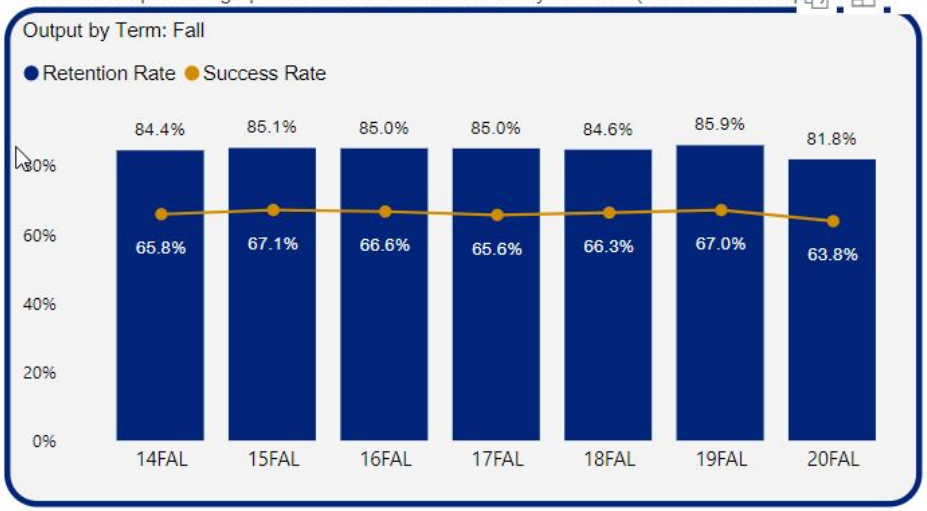
RCCD Course Success Rate: (Fall)

README

Subject: All | EW Grade COVID: Multiple selections | Term: Fall

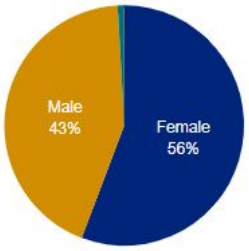
Ethnicity | Age | Gender | Subject | Division

Click on data points in graphs or table to filter dashboard by selection (hold Ctrl for multiple)

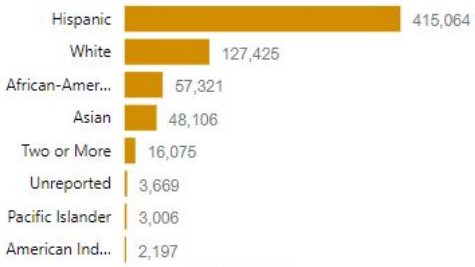


Output by Term: Fall

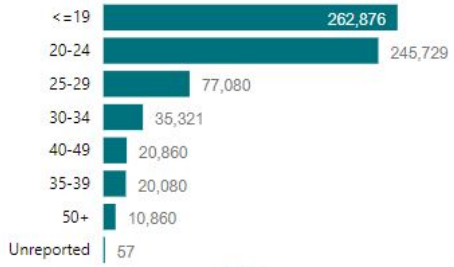
College	MVC		NC		RCC		District	
Ethnicity	Enroll	Suc Rate	Enroll	Suc Rate	Enroll	Suc Rate	Enroll	Suc Rate
African-American	18,171	56.8%	9,945	61.6%	29,205	55.9%	**57,321**	**57.2%**
American Indian	444	59.5%	468	63.2%	1,285	61.9%	**2,197**	**61.7%**
Asian	7,589	78.1%	14,942	78.2%	25,575	75.7%	**48,106**	**76.9%**
Hispanic	97,975	65.4%	96,522	66.6%	220,567	62.1%	**415,064**	**63.9%**
Pacific Islander	601	64.7%	639	65.7%	1,766	62.6%	**3,006**	**63.7%**
Two or More	3,918	65.3%	3,853	68.5%	8,304	62.8%	**16,075**	**64.8%**
Unreported	791	68.6%	1,013	73.0%	1,865	67.6%	**3,669**	**69.3%**
White	19,268	76.5%	38,758	73.3%	69,399	71.8%	**127,425**	**72.9%**
Total	**148,757**	**66.5%**	**166,140**	**69.0%**	**357,966**	**64.5%**	**672,863**	**66.0%**



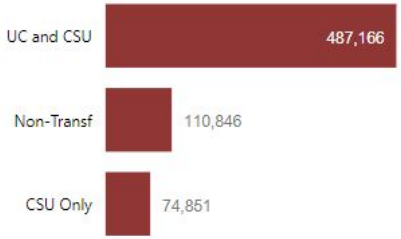
Gender



Ethnicity



Age



Course Transfer Stat

RCCD | RIVERSIDE COMMUNITY COLLEGE DISTRICT

Moreno Valley College | Norco College | RCC

Award Type: All

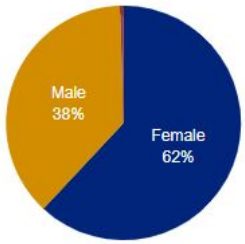
RCCD Awards Conferred

README

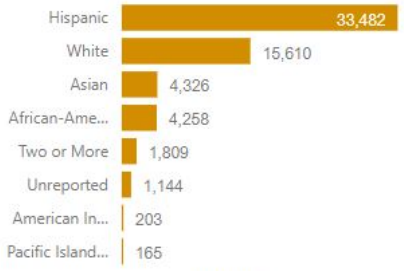
Click on data points in graphs or table to filter dashboard by selection (hold Ctrl for multiple)

Ethnicity | Age | Gender | Award Type | TOP Code

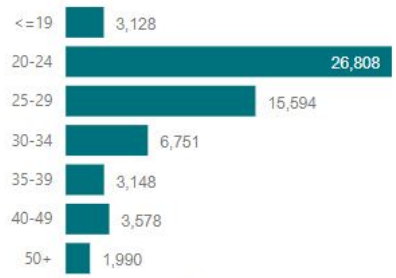
College	MVC			NC			RCC			District		
Ethnicity	Awds	%	Units	Awds	%	Units	Awds	%	Units	Awds	%	Units
African-American	1,452	10.3%	78.2	665	4.7%	75.5	2,141	6.5%	78.4	**4,258**	**7.0%**	**77.9**
American Indian	31	0.2%	63.9	53	0.4%	73.6	119	0.4%	87.3	**203**	**0.3%**	**80.1**
Asian	745	5.3%	86.6	1,195	8.4%	79.1	2,386	7.3%	88.8	**4,326**	**7.1%**	**85.8**
Hispanic	8,356	59.5%	78.4	7,568	53.5%	79.4	17,558	53.5%	86.8	**33,482**	**54.9%**	**83.0**
Pacific Islander	29	0.2%	60.2	43	0.3%	78.8	93	0.3%	76.5	**165**	**0.3%**	**74.3**
Two or More	439	3.1%	79.3	393	2.8%	80.5	977	3.0%	86.8	**1,809**	**3.0%**	**83.6**
Unreported	184	1.3%	62.2	223	1.6%	85.4	737	2.2%	94.1	**1,144**	**1.9%**	**87.3**
White	2,804	20.0%	68.4	4,011	28.3%	76.1	8,795	26.8%	83.0	**15,610**	**25.6%**	**78.6**
Total	**14,040**	**100.0%**	**76.5**	**14,151**	**100.0%**	**78.4**	**32,806**	**100.0%**	**85.5**	**60,997**	**100.0%**	**81.8**



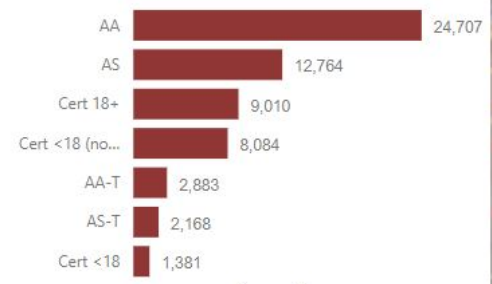
Gender



Ethnicity



Age



Award Type

RCCD | RIVERSIDE COMMUNITY COLLEGE DISTRICT

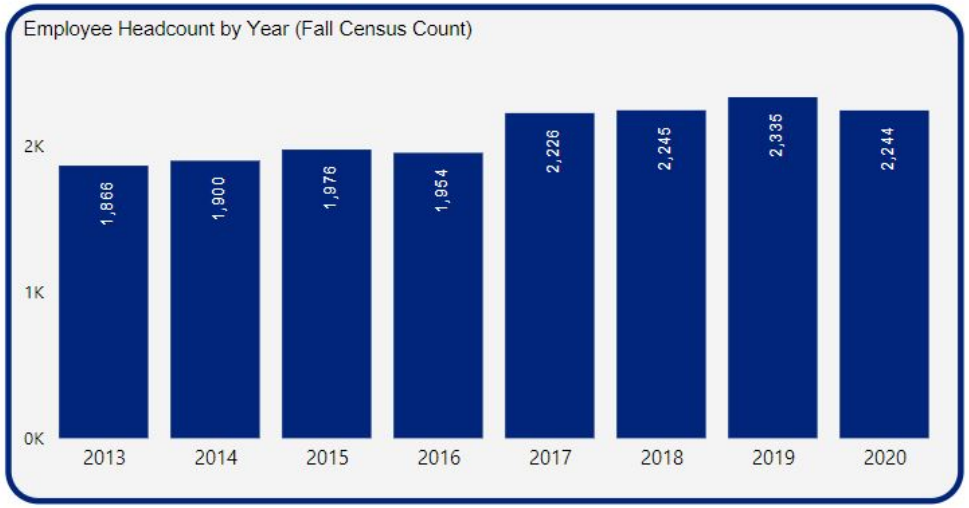
Headcount | Percent

RCCD Annual Employee Headcount

README

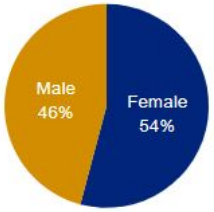
Click on data points in graphs or table to filter dashboard by selection (hold Ctrl for multiple)

Ethnicity | Age | Gender | Type

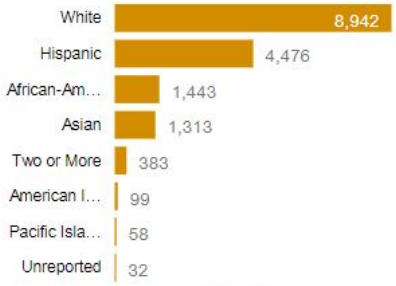


Employee Count by Ethnicity and Year

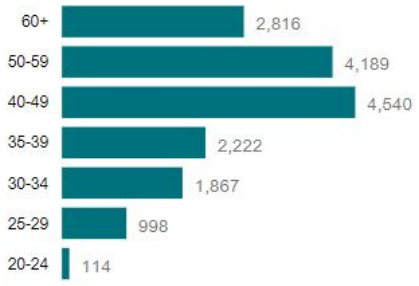
Ethnicity	2013	2014	2015	2016	2017	2018	2019	2020
African-American	155	146	154	174	192	197	218	207
American Indian	16	15	16	10	10	11	11	10
Asian	142	153	155	147	171	183	186	176
Hispanic	434	453	473	508	616	641	672	679
Pacific Islander	5	5	6	6	8	9	10	9
Two or More	36	39	51	47	45	52	55	58
Unreported			3	6	5	5	6	7
White	1,078	1,089	1,118	1,056	1,179	1,147	1,177	1,098
Total	**1,866**	**1,900**	**1,976**	**1,954**	**2,226**	**2,245**	**2,335**	**2,244**



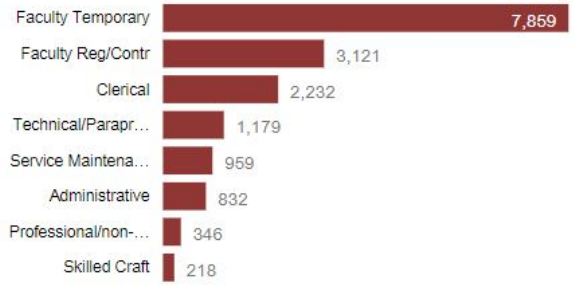
Gender



Ethnicity



Age



Employee Type

Data Dashboards

- RCCD Guided Pathway Cohort Report
- Guided Pathways Transfer Destinations
- Student Educational Plans (*Under Development*)
- Ally Scores
- College and Career Access Pathways
- Enrollment Management Daily (*public facing, fewer data elements*)
- Non-Credit Enrollment Management
- Student Equity Course Success
- RCC Program Review Data
- RCCD Employment by Type
- RCCD Student Headcount
- RCCD Annual Employee Headcount
- RCCD Course Success Rates
- RCCD Awards Conferred
- Enrollment Management Dashboard (*for internal use, more data elements*)

Live Demonstration of Data Dashboard

https://app.powerbi.com/groups/me/reports/11b024be-c42e-4ab6-9ab8-8ff04834d29f/ReportSection41f773d1926c35a4c2b6?tenant=49669b17-fa33-4ae3-8ecc-3cf116b790e5&UPN=David.Torres@rccd.edu

- Public vs. Internal Dashboards
  - Public dashboards provide more general data.
    - Examples: Student Headcount, Course Success, Awards, Employee
  - Internal dashboards provide specialized data to RCCD faculty, staff, administrators and classified professionals for planning and decision making.
    - Examples: Guided Pathways cohorts, Transfer Cohort, Ally Scores, Enrollment Management Dashboard

Data Governance of Power BI Dashboards

- Goal of data governance is to increase data engagement and communication in a secure way with transparency and collaboration.

- With more dashboards being made throughout the district, data governance procedures are being developed to ensure data security while allowing for data sharing and collaboration.

Data Security

- Guarding the data privacy of the students is our highest safety concern.
- Safeguarding practices
  - Removing personally-identifiable student information prior to upload
  - limiting downloads of data to summary-level tables
- Working with Dyntek, a data security organization to help us implement best practices for dashboard data security.

Progress Report on PRT Projects

Project 3: Developing effective data coaches to promote and facilitate a culture of evidence for data-driven decisions to improve student learning and institutional effectiveness.

- All three colleges have developed data coaching programs.
- As of March 31, we have sponsored trainings of 28 faculty data coaches.

Going Forward

- As the district and the colleges move forward with the creation of data dashboards, this will improve information access and the ability to use data to help inform strategic decisions and operations.

- By developing these dashboards, we will increase our internal capability to meet ever-growing information demands and support more data-informed decision making.

Riverside Community College District

Partnership Resource Team Outcomes and Progress-to-Date

End of slideshow