

Using the PDP Analysis-Ready File for Deep Dives

Eric Godin, Associate Vice President, SHEEO

Kelsey Heckert, Data Analyst, SHEEO



Presenters



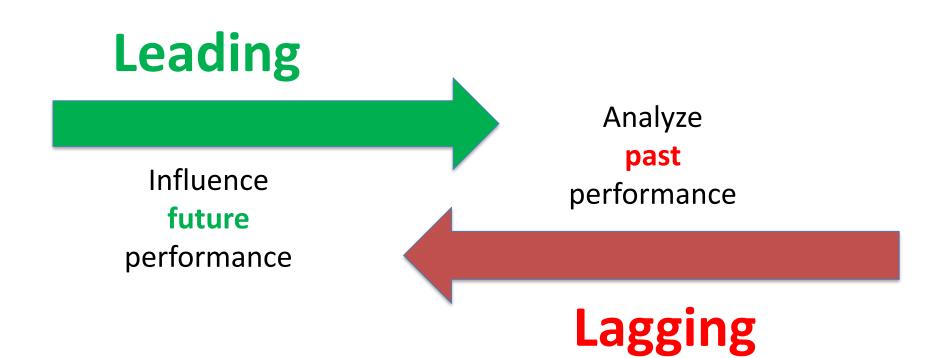
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Kelsey Heckert Data Analyst SHEEO



Leading and Lagging Indicators





PDP Tableau Dashboards are a Great First Step

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What is the Analysis-Ready (AR) file?

• Student level, excel file in a one-row-per-student format

	Α	В	С	D	E	F	G	Н	1	J	К	L	М	N	0	Р	Q	R
1		Middle Name		SSN	Date of Birth	Student ID	Institution ID	Cohort	Cohort Term	Student Age	Enrollment Type	Enrollment Intensity First Term	Math Placement	English Placement	Academic Preparation	Dual and Summer Enrollment	Race	Ethnicity
2																		
3																		
4																		
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What Variables are Included?



Postsecondary Data Partnership A/R File Data Dictionary

Variable	Name	Definition	Possible Values/Field Format
First Name	First Name	Student's first name in the submission file	
Middle Name	Middle Name	Student's middle name or first initial of middle name in the submission file	
Last Name	Last Name	Student's last name in the submission file	
SSN	Social Security Number	SSN in the submission file	
Date of Birth	Date of Birth	Date student was born in the submission file.	Dates in format YYYYMMDD
Student ID	Student ID	Institutionally supplied student ID number in the submission file.	
Institution ID	Institution ID	OPEID	8-digit OPEID
Cohort	Cohort	All undergraduate students who attempted at least one course in a given term, for the first time at the cohort institution. Students may be first-time ever in college or new transfer students at the cohort institution and may be enrolled at any program level, including credential- seeking; college remedial, developmental, or college- preparatory; adult basic skills (ESL,	Dates in format YYYY- YY For example: 2016- 17

https://studentclearinghouse.info/onestop/wp-content/uploads/PDP-Data-Dictionary.pdf

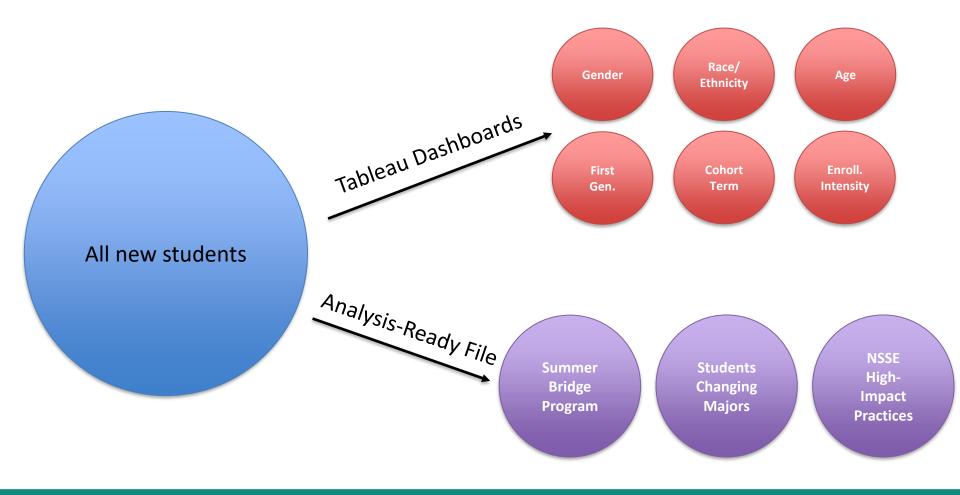


What can you do with the Analysis-Ready File?

- Create your own college-defined cohorts and conduct additional inquiries.
- Match the data to other information sets, such as early alert data and other predictive analytics.
- Identify student populations that require additional help, so your institution can strategically intervene and design early support systems.



Deeper Exploration with the Analysis Ready File





LEVERAGING PDP DATA for Understanding and Action

Roman Ruiz & McCall Pitcher American Institutes for Research



Additional Team Members:

Steve Hurlburt, Susan Burkhauser, Katie Hyland, Kyra Martin, Visha Patel, Daniyal Rahim, Anais Toungui



Understanding Student Progression



Developmental English Progression: 2018-19 Cohort

Colle	ge-Ready in	English Attempt	ed Dev. Ed.	. English Complete	d Dev. Ed. En	iglish
				295	Y	
	Ν	728	Y	433	N	
		204	Ν	204		
	Y	1,512	N/A	1,512	N/A	

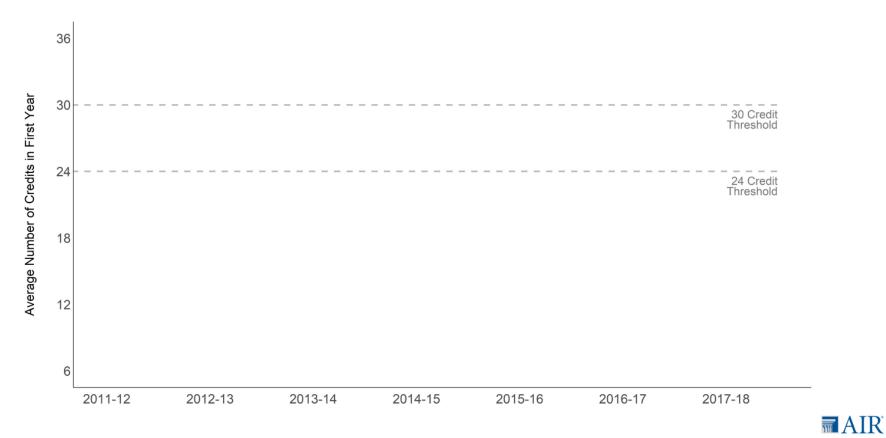




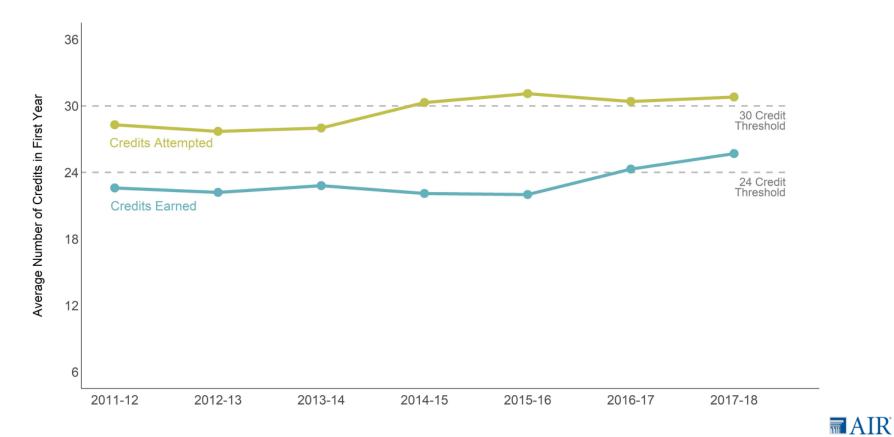
Understanding PDP Data Within Institutional Context





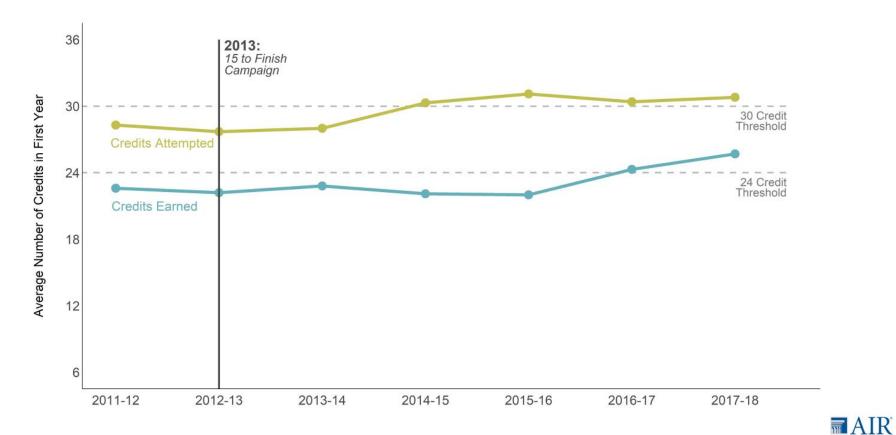






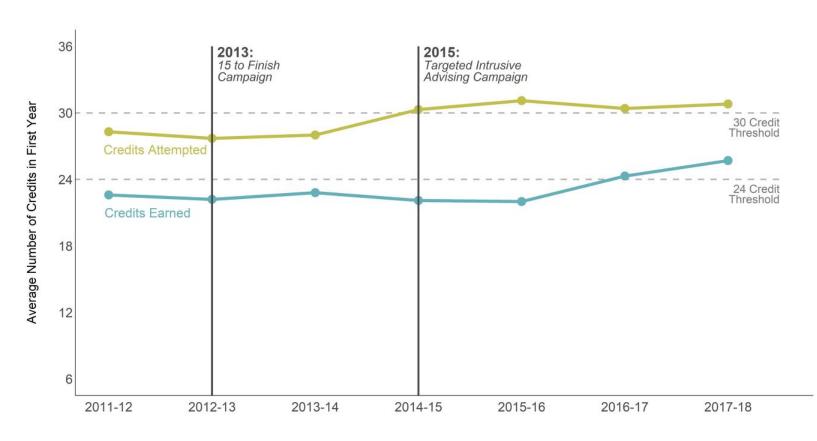
Cohorts 2011-12 to 2017-18





Cohorts 2011-12 to 2017-18





Cohorts 2011-12 to 2017-18

AIR



SHEEO Research Using Analysis Ready File Data

- How do PDP sample data compare to state and national data related to student demographics (to ensure the PDP data are reasonably representative of national and/or state level students)?
- How do academic background metrics (math and English placement, dual and summer enrollment) vary by student demographics?
- How do initial enrollment characteristics metrics (attendance status, credential sought, and program of study) vary by student demographics?
- How do 1st year progress metrics (credit attempted and earned, gateway, developmental education, and GPA) vary by student demographics?
- How do persistence/retention metrics vary by student demographics?
- How do credentials earned and time to degree metrics vary by student demographics?



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SPRING	>20-24	Transfer	Unknown	С	UK	UK	Asian	N	M	Y	UK	Transfer	Bachel	oi 1408
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SPRING	>20-24	Transfer	Unknown	UK	UK	UK	Hispanic	н	M	Y	UK	Transfer	Bac	
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FALL	>20-24	Transfer	Unknown	UK	UK	UK	Asian	N	F		N	Transfer	Bac	
FALL			Full-Time		UK	UK	White	N	F		Y	First-Tim		
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FALL			Full-Time		UK	UK	White	N	F		N	First-Tim		
FALL			Full-Time		UK	UK	Hispanic		F		Y	Transfer		
FALL			Full-Time		UK	UK	Two or N		F		N	First-Tim		
FALL			Full-Time		UK	UK	Nonresid		F	Y	N	First-Tim		
FALL			Full-Time		UK	UK	Hispanic		M		N	Transfer		
FALL			Part-Tim		UK	UK	Two or N		M		Y	Transfer		
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Postsecondary Data Partnership Data Diction

Postsecondary Data Partnership A/R File Data Dictionary

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Kelsey Heckert Analysis Ready File Qs Morning! I have a couple of quick questions for you about...

To: Authorized User From: Your Friendly Data Team



Let Users Know About Unknowns

Math & English Placement

Dual & Summer Enrollment

First Generation

Pell Status



Program of Study

Gateway Status

Attempted Gateway Math & English

Completed Gateway Math & English



Cohort + Enrollment Type

• There are **2 values for Enrollment Type** according to the PDP Data Dictionary:

Enrollment Type	Enrollment Type	The student's enrollment type at the	First-time
		time of the defined cohort in the	Transfer-in
		submission file	

- What users could see:
 - Re-admit and Continuing (<1%)
- Quality Concerns:
 - PDP Submission Guide says that Re-admit and Continuing Enrollment Types are not included in PDP cohorts



Time To Credential + Year Earned

 Time to Credential – calculated in PDP processing - is the number of years between a student's earliest enrollment at cohort institution and earliest degree award date at the cohort institution

• Keep in mind:

Time to Credential is rounded up (>0 and <=1 will be 1)

...

Time to

0

0

....

Credential

7.4

2.7

...

Quality Concerns:
 Year Earned
 Bachelor (cohort)
 O
 O



Online PDP Toolkit: http://sheeo.org/pdp

State Higher	r Education Executive Officers Association
🛆 SHEEO	ABOUT • MEMBERSHIP •
Postsecondary Data Partners Toolkit	hip
About Why the PDP? Getting Started Data Su	ubmission Data Use PDP Blog

This webpage and associated documents serve as a public resource for higher education professionals interested in or already involved in the Postsecondary Data Partnership (PDP). The goal of this page is to support institutions and systems in the adoption of the PDP by providing technical assistance documents that both complement and expand on the information that is already available on the <u>National Student Clearinghouse's PDP webpage</u>. This site includes technical briefs on specific PDP topics, data use examples for utilizing the PDP Tableau dashboards and Analysis-Ready File, documents from PDP presentations at national conferences, research utilizing the PDP, and a blog which serves to share and communicate PDP information to the higher education community.

Postsecondary Data Partnership

Includes:

- Guidance for PDP Adoption
- Data Submission Technical Assistance (e.g., Defining Gateway Courses)
- Data Use Technical Assistance (e.g., Tableau Dashboard Guides)