



# Deriving SCFF Data with Referential Files

LAS POSITAS AND CHABOT

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# Undertaken Tasks...

- ▶ Download state “*Referential files*”
  - ▶ ITS uploads enrollment and other data to state MIS
  - ▶ State cleans (*via edit checks*) and the data is available for download as referential files
  - ▶ LPC and Chabot have never used referential files for our IR analyses
- ▶ Familiarize with state referential files:
  - ▶ ~25 files (each of which have 6-38 columns of variables...!)
  - ▶ Unclear operational definitions of what to pull from the referential files

# Undertaken Tasks...

- ▶ LPC and Chabot Offices work together to ensure primary key (IDs) for data files is clean
  - ▶ (i.e., remove duplicates that the state is counting based on their methodology)
- ▶ LPC and Chabot Offices independently run the SCFF metrics for the district to see if we can independently replicate the numbers from the state.
  - ▶ Thanks to Research analysts Na Liu and David Rodriguez who played Key Roles!!
- ▶ Present at PBC

# Data Replication Results so far...



Supplemental Allocation			
Recipient	CCCCO SCFF Counts (A)	Locally Derived Counts Using Referential Files (B)	Difference (B - A)
Pell Grant Recipients	4,645	4,625	-20
California Promise Grant Recipients	11,362	11,272	-90

# Supplemental allocation developments

12-Member SCFF Oversight Committees is charged with making recommendations on the following supplemental allocation items by January 1, 2020:

- ▶ Incorporation of first-generation students
- ▶ Definition of low-income and accounting for regional cost differences
- ▶ Inclusion of incoming students' level of academic proficiency

# Data Replication Results so far...

Student Success Allocation: <u>All Students</u>			
Outcome	CCCCO SCFF Counts (A)	Locally Derived Counts Using Referential Files (B)	Difference (B – A)
Associate Degrees for Transfer	689	689	0
Associate Degrees	1,254	1,254	0
Credit Certificates	577	476	-101
Transfer Level Math and English	470	587	117
Nine or More CTE Units	2,718	2,698	-20

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# Data Replication Results so far...

Student Success Allocation: <u>Pell Grant Recipients</u>			
Outcome	CCCCO SCFF Counts (A)	Locally Derived Counts Using Referential Files (B)	Difference (B - A)
Associate Degrees for Transfer	307	160	-147
Associate Degrees	532	258	-274
Credit Certificates	238	126	-112
Transfer Level Math and English	126	153	27
Nine or More CTE Units	783	563	-200

# Data Replication Results so far...

## Student Success Allocation: California Promise Grant Recipients

Outcome	CCCCO SCFF Counts (A)	Locally Derived Counts Using Referential Files (B)	Difference (B - A)
Associate Degrees for Transfer	442	344	-98
Associate Degrees	772	544	-288
Credit Certificates	344	230	-114
Transfer Level Math and English	193	240	47
Nine or More CTE Units	1,260	1,047	-213

# Where we are in the process

- ▶ Step 1: Derive district SCFF Data from Referential Files
- ▶ Step 2: Determine the reasons for the differences in counts between CCCCO and referential files
- ▶ Step 3: Communicate reasons for differences to data 'owners' and other stakeholders
- ▶ Step 4: Derive district SCFF Data using local IR database
- ▶ Step 5: Determine the reasons for the differences in counts between referential files and local IR data
- ▶ Step 6: Communicate reasons for differences to data 'owners' and other stakeholders
- ▶ Step 7: Derive college SCFF Data from Referential Files
  - ▶ Collaborate with PBC to determine decision-rules for how students should be counted at each college
  - ▶ Determine reasons for differences between CCCCO and referential files
  - ▶ Derive college SCFF Data using local IR database

Questions?