

Counseling and Special Programs Retreat:

Part I

SEP Data and Intervention Making

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Agenda

1. What do you know game
2. Split into groups
3. Review SEP Data
4. Group Intervention Making

What do you know about Chabot Students?

Game time!

Quizizz Link

https://quizizz.com/admin/quiz/start_new/66e4890490996d8107577dd2

Forming Teams

Count 1-6

Form groups for discussions
later

Groups 1/2 = Age

Groups 3/4 = Race/Ethnicity

Groups 5/6 = Income

Review SEP Data

Descriptive Characteristics

Why are SEPs important and equity- mindedness

- Are Chabot students “navigating a shapeless river on a dark night?”
- Hard for anyone, but imagine how much easier it would be with a map, a compass, a guide, food/water, a fun community, etc.
- River/night = higher education
- Map/compass/guide/food/fun = Counselors with SEPs
- Goal is to help all students, but recognizing that some students have other life circumstances and, so, how we get the information to students and the amount of resources to provide will differ
 - Equity-minded approach to SEPs

General population of interest

ATB – 29%

AMC – 9%

Sci/Mat – 14%

HKA – 12%

Soc Sci – 13%

Lang Arts – 2%

Undec – 7%

Psy Coun – 3%

LPC/Oth – 10%

13,066 students enrolled at Chabot College in Fall 2023

10,577 students removing personal development ed goal, HS students, noncredit students, and students with disabilities

~2,500 SP students

~8,077 GC students

64% transfer/degree

9% undecided

24% certificate/job training

3% other/unknown

Note about data

ALL data I will show from here on out is on **first-time, transfer-/degree-seeking students** that had to **complete their SEP within their first year at Chabot.**

	Transfer-/Degree-Seeking									
	First time any college									
	Completed Both SEP		Completed SEPA Only		Completed SEPC Only		No SEP		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fall 2020	86	6%	532	35%	203	13%	709	46%	1,530	100%
Fall 2021	82	5%	737	49%	140	9%	539	36%	1,498	100%
Fall 2022	99	6%	776	45%	174	10%	664	39%	1,713	100%
Fall 2023	157	8%	937	48%	232	12%	611	32%	1,937	100%

SEP Completion Rates

- SEP Completion generally has increased every year
- Mostly SEPA
- What about disaggregated data, Alex?

	Completed Both SEP		Completed SEPA Only		Completed SEPC Only		No SEP		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
19 or younger	140	9%	845	55%	192	12%	365	24%	1,542	100%
20 or older	17	4%	92	23%	40	10%	246	62%	395	100%
Total	157	8%	937	48%	232	12%	611	32%	1,937	100%

SEP Rates by Age

- Older students are 2.5 times less likely to receive an SEP
- Primarily not completing SEPA

		Completed Both SEP		Completed SEPA Only		Completed SEPC Only		No SEP		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fall 2023	African American	12	9%	45	33%	26	19%	52	39%	135	100%
	Asian American	35	11%	156	51%	25	8%	91	30%	307	100%
	Filipinx	13	8%	105	67%	8	5%	31	20%	157	100%
	Latinx	76	8%	477	52%	124	14%	239	26%	916	100%
	Pacific Islander	5	11%	25	54%	6	13%	10	22%	46	100%
	White	7	3%	65	27%	20	8%	147	62%	239	100%
	Multiracial	8	7%	55	46%	23	19%	33	28%	119	100%
	Total	156	8%	930	48%	232	12%	604	31%	1,922	100%

SEP Rates by Race-Ethnicity

- White students least likely to have an SEP
 - Asian and Multiracial students as well
- African American students less likely to have SEPA, but do have SEPCs

		Completed Both SEP		Completed SEPA Only		Completed SEPC Only		No SEP		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fall 2023	Low Income	109	9%	596	52%	140	12%	312	27%	1,157	100%
	Other Students	48	6%	341	44%	92	12%	299	38%	780	100%

SEP Rates by Income

- Non-low income students are less likely to have SEPAs
- However, both groups are just as likely to have SEPCs

		Completed Both SEP		Completed SEPA Only		Completed SEPC Only		No SEP		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fall 2023	First Generation to attend College	65	8%	410	48%	95	11%	276	33%	846	100%
	Parent w/ some college or BA/BS or Higher	79	8%	447	48%	125	13%	281	30%	932	100%

SEP Rates by First-Gen

- First-Generation status does not seem to relate to SEP completion.
- Maybe first-gen students are slightly less likely

Let's craft an intervention

- Remember your group? Form teams with people that have same number
- Groups 1 and 2 focus on **age**
- Groups 3 and 4 focus on **race-ethnicity**
- Groups 5 and 6 focus on **income**

Answer these questions

1. Why does your group think there are discrepancies in SEP completion?
2. What is a potential plan to increase SEP completion for your target group? What is a plausible timeline?
3. Who needs to be involved for successful plan completion?
4. Do you need any other data to make decisions? If so, what data?
5. What barriers are there to implementation? How can they be overcome?
6. Are there any (unintended) adverse effects we need to be aware of?

Share your answers!

1. Why does your group think there are discrepancies in SEP completion?
2. What is a potential plan to increase SEP completion for your target group? What is a plausible timeline?
3. Who needs to be involved for successful plan completion?
4. Do you need any other data to make decisions? If so, what data?
5. What barriers are there to implementation? How can they be overcome?
6. Are there any (unintended) adverse effects we need to be aware of?

SEP Data and Success Outcomes

Persistence and Math/English Throughput

Fall 23 to Spring 24 Persistence

	Persist		Did Not Persist		Total	
	Number	Percent	Number	Percent	Number	Percent
Completed Both SEP	140	89%	17	11%	157	100%
Completed SEPA	753	80%	184	20%	937	100%
Completed SEPC Only	199	86%	33	14%	232	100%
No SEP	333	55%	278	45%	611	100%
Total	1,425	74%	512	26%	1,937	100%

- All types of SEP are positively related to persistence.
 - 1.5x more likely to persist with an SEP compared to no SEP
 - About 50% chance of persisting if no SEP
- Students with both SEP within their first semester are slightly more likely to persist, but all are 80% or higher.

		Persist		Did Not Persist		Total	
		Number	Percent	Number	Percent	Number	Percent
Completed Any SEP	19 or younger	3,071	84%	596	16%	3,667	100%
	20 or older	333	68%	155	32%	488	100%
No SEP	19 or younger	1,238	69%	563	31%	1,801	100%
	20 or older	221	31%	501	69%	722	100%

Persistence by age

- Younger students always persist more.
- More difference between the two groups without an SEP (38%) compared to with an SEP (16%)
- Younger students persist more with SEP (by 15%) and older students persist more (by 37%)

		Persist		Did Not Persist		Total				Persist		Did Not Persist		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Completed Any SEP	African American	248	76%	80	24%	328	100%	No SEP	African American	121	53%	108	47%	229	100%
	Asian American	631	90%	72	10%	703	100%		Asian American	277	77%	82	23%	359	100%
	Filipinx	340	89%	42	11%	382	100%		Filipinx	124	76%	40	24%	164	100%
	Latinx	1,625	79%	435	21%	2,060	100%		Latinx	597	60%	398	40%	995	100%
	White	261	86%	41	14%	302	100%		White	211	37%	352	63%	563	100%
	Multiracial	204	79%	55	21%	259	100%		Multiracial	95	63%	55	37%	150	100%
	Total	3,383	82%	747	18%	4,130	100%		Total	1,448	58%	1,052	42%	2,500	100%

Persistence by race/ethn.

- Biggest increases:
 - White – 49%
 - African American – 23%
- All students that complete SEP (regardless of race/ethn) persist at the same or higher rate than even the highest group without an SEP

Persistence by income

		Persist		Did Not Persist		Total	
		Number	Percent	Number	Percent	Number	Percent
Low Income	Completed Any SEP	731	87%	114	13%	845	100%
	No SEP	180	58%	132	42%	312	100%
Other Students	Completed Any SEP	361	75%	120	25%	481	100%
	No SEP	153	51%	146	49%	299	100%

- 29% more low income students persist when completing an SEP vs not.
 - 24% increase for non-low income students.
- If low income and SEP completion = highest persisting group.
 - Still 312 students that could have completed an SEP.

		Persist		Did Not Persist		Total	
		Number	Percent	Number	Percent	Number	Percent
First Generation to attend College	Completed Any SEP	458	80%	112	20%	570	100%
First Generation to attend College	No SEP	130	47%	146	53%	276	100%
Parent w/ some college or BA/BS or Higher	Completed Any SEP	554	85%	97	15%	651	100%
Parent w/ some college or BA/BS or Higher	No SEP	176	63%	105	37%	281	100%

Persistence by first-gen status

- Bigger difference for first gen students in persistence when completing an SEP -> 33%.
 - Also big difference for non-first gen students -> 22%
- Generally, non-first gen students are more likely to persist, but a first-gen student with an SEP is 17% more likely to persist than a student without an SEP.

Persistence discussion

- Note: SEP is also highly related to Fall-to-Fall persistence.
- Why would an SEP relate to persistence?
- Why does SEP completion relate more to...
 - White students?
 - African American students?
 - First-gen students?

Math Throughput

Show of hands...

- How many think SEP will be positively related to math throughput rates?
- How many think it is 2x as likely a student will enroll and complete math if they have an SEP?
 - 3x as likely?

	Completed Transfer Math Successfully by end of 1st Yr		Did Not Complete Transfer Math Successfully by end of		Not Enrolled in Transfer Math by end of 1st Yr		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Completed Any SEP	360	30%	186	15%	657	55%	1,203	100%
No SEP	39	10%	51	13%	291	76%	381	100%
Count	399	25%	237	15%	948	60%	1,584	100%

Math throughput rates

- Students that complete an SEP are 3x as likely to successfully enroll and complete a transfer-level math course!
- However, even if students complete an SEP, about 50% of students still don't even enroll in a transfer-level math course.

		Completed Transfer Math		Did Not Complete Transfer Math		Not Enrolled in Transfer Math by		Total	
Age	Full SEP Completion	Number	Percent	Number	Percent	Number	Percent	Number	Percent
19 or younger	Completed Any SEP	340	31%	176	16%	570	52%	1,086	100%
	No SEP	37	16%	47	21%	145	63%	229	100%
20 or older	Completed Any SEP	20	17%	10	9%	87	74%	117	100%
	No SEP	2	1%	4	3%	146	96%	152	100%

Math throughput rates by age

- If 20 or older and no SEP, virtually no one even attempts to enroll or complete TL math.
 - Students that complete SEP increase throughput by 16%
 - Similar for younger students (15% increase).

Math throughput rates by race/ethn

		Completed Transfer Math Successfully by end of 1st Yr		Did Not Complete Transfer Math Successfully by end of		Not Enrolled in Transfer Math by end of 1st Yr		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	Completed Any SEP	71	24%	55	18%	173	58%	299	100%
	No SEP	8	6%	20	14%	117	81%	145	100%
	Count	79	18%	75	17%	290	65%	444	100%
Asian American	Completed Any SEP	378	58%	86	13%	184	28%	648	100%
	No SEP	76	36%	49	23%	84	40%	209	100%
	Count	454	53%	135	16%	268	31%	857	100%
Filipinx	Completed Any SEP	179	50%	60	17%	118	33%	357	100%
	No SEP	32	32%	21	21%	47	47%	100	100%
	Count	211	46%	81	18%	165	36%	457	100%
Latinx	Completed Any SEP	530	29%	361	20%	951	52%	1,842	100%
	No SEP	72	13%	123	22%	370	65%	565	100%
	Count	602	25%	484	20%	1,321	55%	2,407	100%
White	Completed Any SEP	100	42%	43	18%	96	40%	239	100%
	No SEP	42	11%	23	6%	334	84%	399	100%
	Count	142	22%	66	10%	430	67%	638	100%
Multiracial	Completed Any SEP	70	32%	31	14%	116	53%	217	100%
	No SEP	18	22%	18	22%	45	56%	81	100%
	Count	88	30%	49	16%	161	54%	298	100%

- All groups are more likely to complete TL math if also complete an SEP.
- About 80% of African American and White students without an SEP do not even enroll in TL math.
 - Students that complete an SEP are 3x (or more) likely to complete TL math.
- For Asian and Filipinx students, about 70% of students at least enroll in TL math compared to about 50% for other groups if they have completed an SEP.

		Completed Transfer Math Successfully by end of 1st Yr		Did Not Complete Transfer Math Successfully by end of 1st Yr		Not Enrolled in Transfer Math by end of 1st Yr		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Low Income	Completed Any SEP	250	28%	142	16%	494	56%	886	100%
	No SEP	21	8%	36	13%	214	79%	271	100%
Other Students	Completed Any SEP	110	35%	44	14%	163	51%	317	100%
	No SEP	18	16%	15	14%	77	70%	110	100%

Math throughput rates by income

- Completing SEP is associated with similar amounts of increase in TL math completion.
- BUT! We go from almost no low income student completing TL math to a quarter of students when they complete an SEP.

		Completed Transfer Math Successfully by end of 1st Yr		Did Not Complete Transfer Math Successfully by end of 1st Yr		Not Enrolled in Transfer Math by end of 1st Yr		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
First Generation to attend College	Completed Any SEP	131	25%	93	17%	310	58%	534	100%
	No SEP	13	7%	17	9%	155	84%	185	100%
	Count	144	20%	110	15%	465	65%	719	100%
Parent w/ some college or BA/BS or Higher	Completed Any SEP	202	35%	82	14%	294	51%	578	100%
	No SEP	25	15%	31	19%	111	66%	167	100%
	Count	227	30%	113	15%	405	54%	745	100%

Math throughput rates by first-gen

- Completing SEP is associated with similar amounts of increase in TL math completion.
- BUT! We go from almost no first-gen student completing TL math to a quarter of students when they complete an SEP.

English Throughput

	Completed Transfer English Successfully by end of 1st Yr		Did Not Complete Transfer English Successfully by end of 1st Yr		Not Enrolled in Transfer English by end of 1st Yr		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Completed Any SEP	741	56%	309	23%	284	21%	1,334	100%
No SEP	92	22%	78	18%	255	60%	425	100%
Total	833	47%	387	22%	539	31%	1,759	100%

What do you think?

- If students complete an SEP are they a) 1.5x more likely to complete TL English, b) 2x more likely?, c) 2.5x more likely?

		Completed Transfer English Successfully by end of 1st Yr		Did Not Complete Transfer English Successfully by end of 1st Yr		Not Enrolled in Transfer English by end of 1st Yr		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
19 or younger	Completed Any SEP	691	58%	280	23%	222	19%	1,193	100%
	No SEP	83	32%	71	27%	107	41%	261	100%
	Count	774	53%	351	24%	329	23%	1,454	100%
20 or older	Completed Any SEP	50	35%	29	21%	62	44%	141	100%
	No SEP	9	5%	7	4%	148	90%	164	100%
	Count	59	19%	36	12%	210	69%	305	100%

English throughput rates by age

- Does SEP completion relate more to younger students or older students?
 - Older! 30% increase
 - But both see the increase
- Older students still need a lot more support

English throughput rates by race/ethn

		Completed Transfer English Successfully by end of 1st Yr		Did Not Complete Transfer English Successfully by end of 1st Yr		Not Enrolled in Transfer English by end of 1st Yr		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	Completed Any SEP	160	48%	80	24%	96	29%	336	100%
	No SEP	26	16%	38	24%	96	60%	160	100%
Asian American	Completed Any SEP	474	67%	105	15%	125	18%	704	100%
	No SEP	103	45%	44	19%	82	36%	229	100%
Filipinx	Completed Any SEP	260	68%	71	18%	53	14%	384	100%
	No SEP	47	42%	25	22%	41	36%	113	100%
Latinx	Completed Any SEP	1,036	50%	574	28%	457	22%	2,067	100%
	No SEP	160	24%	184	28%	325	49%	669	100%
Multiracial	Completed Any SEP	141	59%	48	20%	51	21%	240	100%
	No SEP	34	35%	17	18%	46	47%	97	100%
White	Completed Any SEP	177	64%	51	18%	49	18%	277	100%
	No SEP	65	16%	36	9%	316	76%	417	100%

- White students increase in English throughput by ~50% with an SEP!
- African American students increase by 32%!
- However, there are high rates of non-success, especially for African American and Latinx students

English throughput rates by income

		1. Completed Transfer English Successfully by end of 1st Yr		2. Did Not Complete Transfer English Successfully by end of 1st Yr		3. Not Enrolled in Transfer English by end of 1st Yr		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Low Income	Completed	542	55%	245	25%	207	21%	994	100%
	No SEP	62	21%	60	20%	179	59%	301	100%
Other Students	Completed	199	59%	64	19%	77	23%	340	100%
	No SEP	30	24%	18	15%	76	61%	124	100%

- Roughly the same increase when completing an SEP in TL English regardless of income status

English throughput rates by first gen

		Completed Transfer English Successfully by end of 1st Yr		Did Not Complete Transfer English Successfully by end of 1st Yr		Not Enrolled in Transfer English by end of 1st Yr		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
First Generation to attend College	Completed Any SEP	302	51%	154	26%	138	23%	594	100%
	No SEP	36	18%	34	17%	132	65%	202	100%
	Count	338	42%	188	24%	270	34%	796	100%
Parent w/ some college or BA/BS or Higher	Completed Any SEP	396	63%	128	20%	106	17%	630	100%
	No SEP	52	28%	35	19%	99	53%	186	100%
	Count	448	55%	163	20%	205	25%	816	100%

- Roughly the same increase when completing an SEP in TL English regardless of first gen status
- Brings first gen students up to average for non-first gen students. Eliminates the difference!

How can you use this information

- First, what sticks out to you?
 - Math throughput is low, but SEPs are a starting point to finally increase it.
 - English throughput is about 60-80% with SEPs! We are getting close to 100%!
 - Older students are not engaged for some reason.
 - First gen students could use the support.
- Supports the idea that spending time on increasing SEP completion rates could be worthwhile.
 - Compound effect: helps core services, persistence, throughput rates.

**What questions do you have
for me?**

Remaining questions

- Is simply completing an SEP enough or do students need to follow it through?
 - How can we check this?
- Is a counselor visit enough or is there something special about SEP?
- Does SEP completion CAUSE increases in success outcomes?
- What does this look like for other ed goals? Do ALL students really need an SEP?
 - Or in spring semesters?
 - Or continuing students? Transfer students?
 - Or depending on attendance status?
- How can we leverage pathways to increase SEP completion and potential impact?

Thank You

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