



Progress on the Strategic Plan Goal

**Progress in Math since 2010-12
For new students in Fall 13, Fall 14, Fall 15**

**Which student educational goal groups
are making progress – and why?**

**Presentation to Math Faculty
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Chabot Strategic Plan Goal

- **Increase the number of students who achieve their educational goal in a reasonable time (outcomes)**
 - **Institutional Research measures that number**
- **...by clarifying pathways and providing more information and support (methods)**
 - **College initiatives provide methods to increase that number**



So.....

Have we increased that number?



It's Not One Number!

Why we created distinct student groups

- Allow for different educational goals, speed, and starting places
- Target initiatives/services to different groups
- See which groups are reached by initiatives



Created 10 educational goal groups for new students

Groups based on

Their educational goal

- Self-reported educational goal

Their speed:

- Number of units they are taking (FT/PT)

Their starting place:

- Assessment in English (College or Basic Skills)

Creating educational goal groups

<i>Ed Goal</i>	<i>Units</i>	<i>English Assessment</i>	<i>Student Ed Goal Groups</i>
Transfer or Degree (GE)	Full-time	College	■ Laser (FT) College
		Basic Skills	■ Laser (FT) Basic Skills
		Not Assessed	■ Laser (FT) Not Assessed
	Part-time	College	■ Seeker (PT) College
		Basic Skills	■ Seeker (PT) Basic Skills
		Not Assessed	■ Seeker (PT) Not Assessed
Undecided	6+ units		■ Explorer
Certificate or Job training	Full-time		■ Career-builder FT
	Part-time 6-11 units		■ Career-builder PT
Cert/Job/Und/Pers Dev/Othr	Under 6 units		■ Skills-builder

10 student ed goal groups:

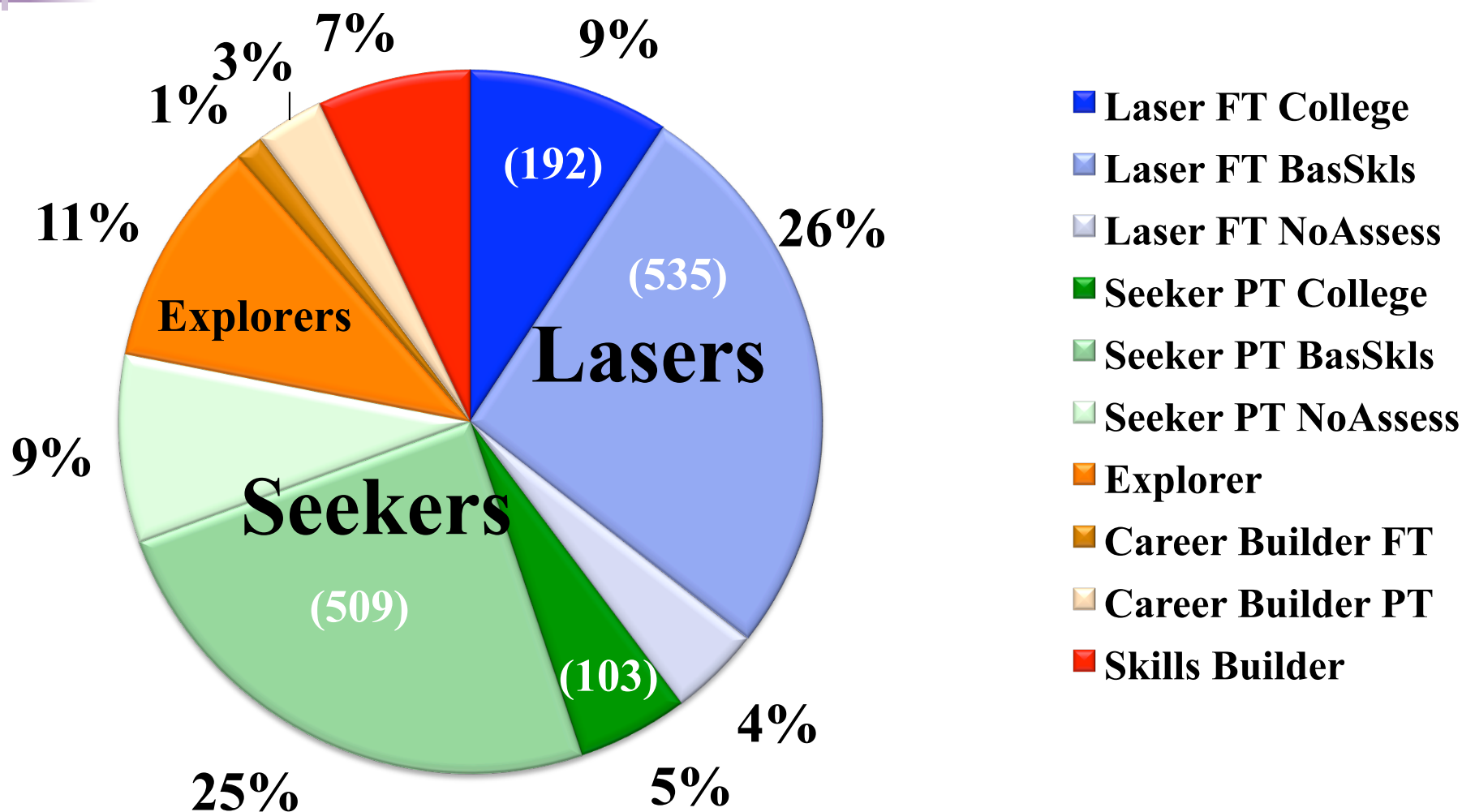
What percentage of each are at Chabot?

Are the percentages changing?

- Laser (FT) College
- Laser (FT) Basic Skills
- Laser (FT) Not Assessed
- Seeker (PT) College
- Seeker (PT) Basic Skills
- Seeker (PT) Not Assessed
- Explorer
- Career-builder FT
- Career-builder PT
- Skills-builder

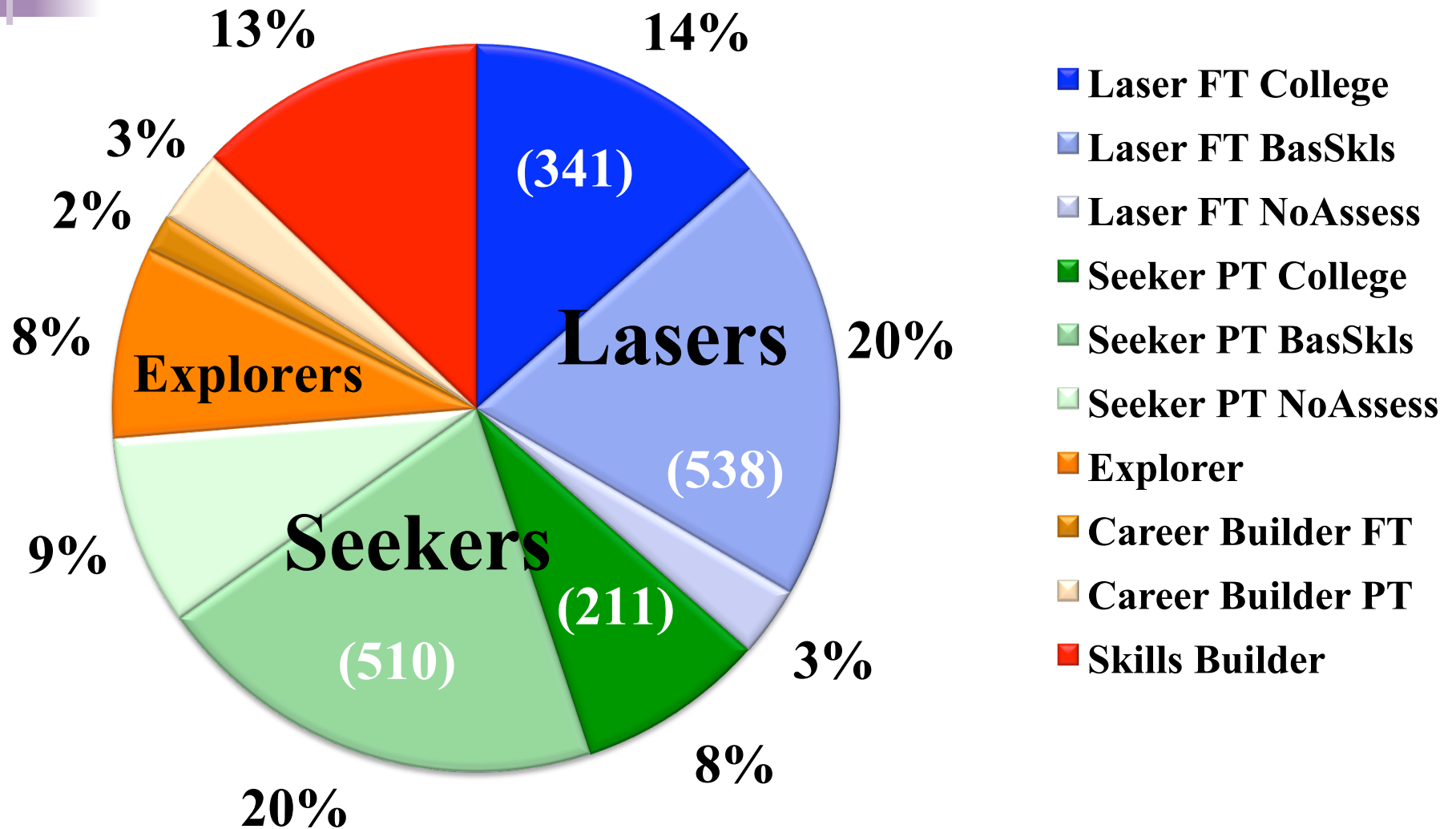
Chabot Fall 2014 New Students

Percentage in each Educational Goal Group



Chabot Fall 2015 New Students

More students are Laser FT College!





Student ed goal groups: Progress towards their goal

Four major groups with transfer/degree goals

(Laser FT College, Laser FT Basic Skills,
Seeker PT College, & Seeker PT Basic Skills)

→ **How do we know** whether each group
is making progress
towards their educational goal
in a reasonable time?

→ **We compare each group to itself** over time



Milestones towards ed goal for transfer/degree groups (Lasers FT & Seekers PT)

- **Early Engagement**
 - Enrolled in Basic Skills
- **Momentum**
 - Completed Basic Skills
 - **Enrolled in any Math** or College English
- **Progress**
 - **Completed any Math, Coll Math** or Coll Eng
 - Persistence for one year
- **Completion**
 - Earned degrees, certificates, transfer ready, transferred
 - Will be able to see these next year for our cohorts

Milestone check points

for transfer/degree groups
(Lasers FT & Seekers PT)

- By first Fall
- **By end of first year**
- By end of second and fourth year

Milestones

for transfer/degree groups
(Lasers FT & Seekers PT)

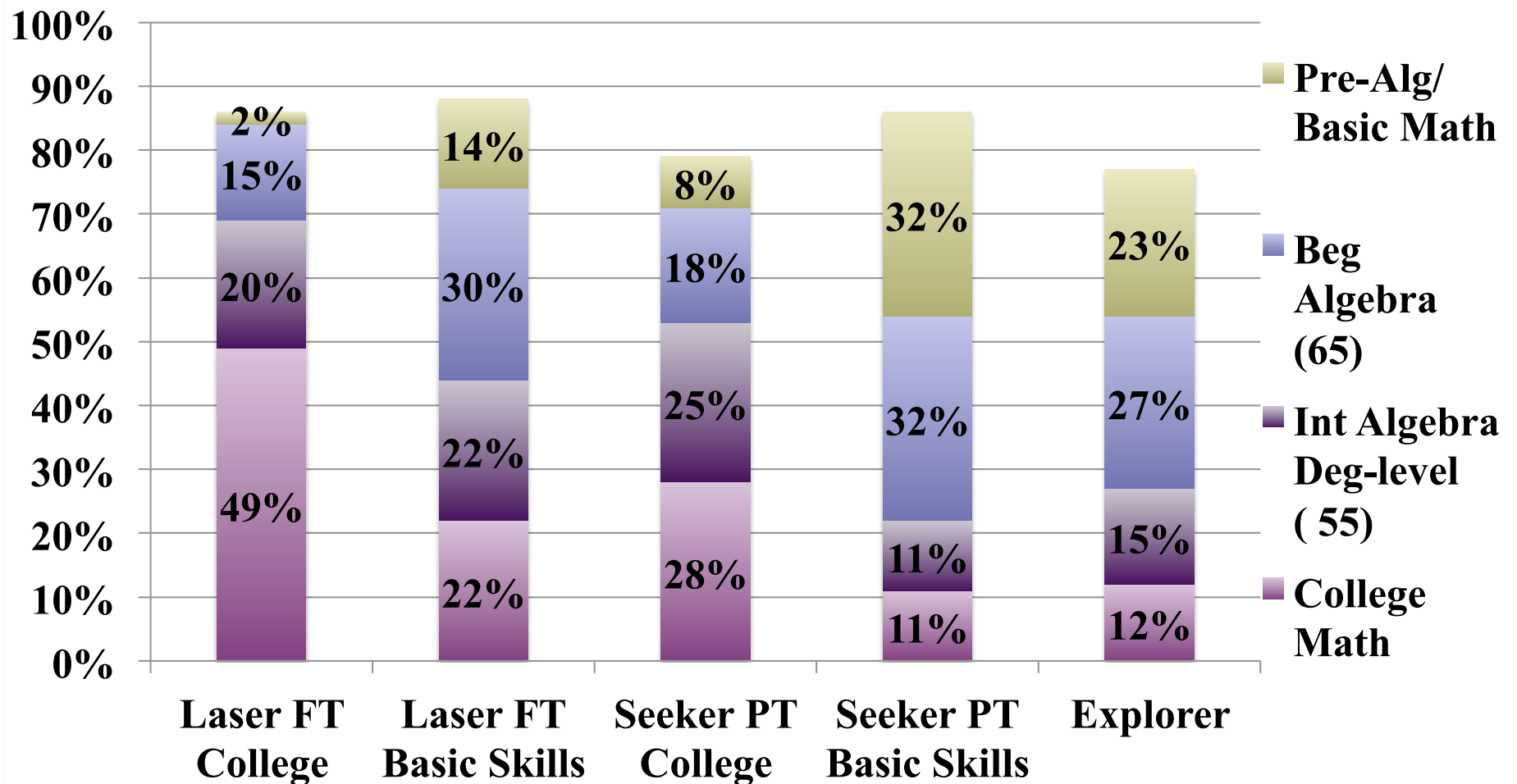
This presentation focuses on:

- Fall 2014 cohort of new students
- Percent who met milestones in 1st year
- Compared to past cohorts:
 - * Average of 2010-12 Cohorts (our baseline)
 - Fall 2013
 - Rising percentages → more completions

Fall 2014 Cohort:

Transfer/Degree Groups:

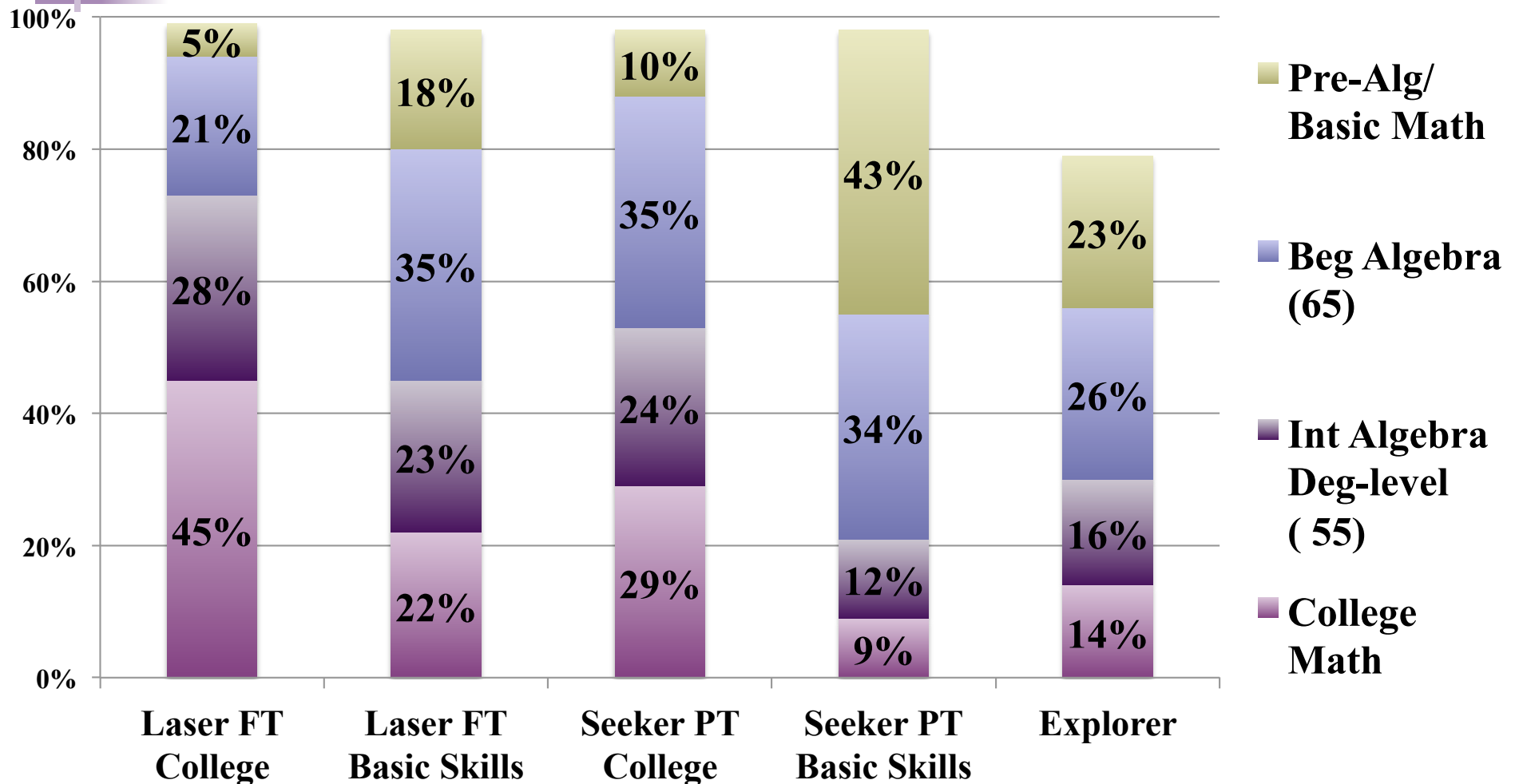
Pct Assessed into each Math Level



Fall 2015 Cohort:

Transfer/Degree Groups:

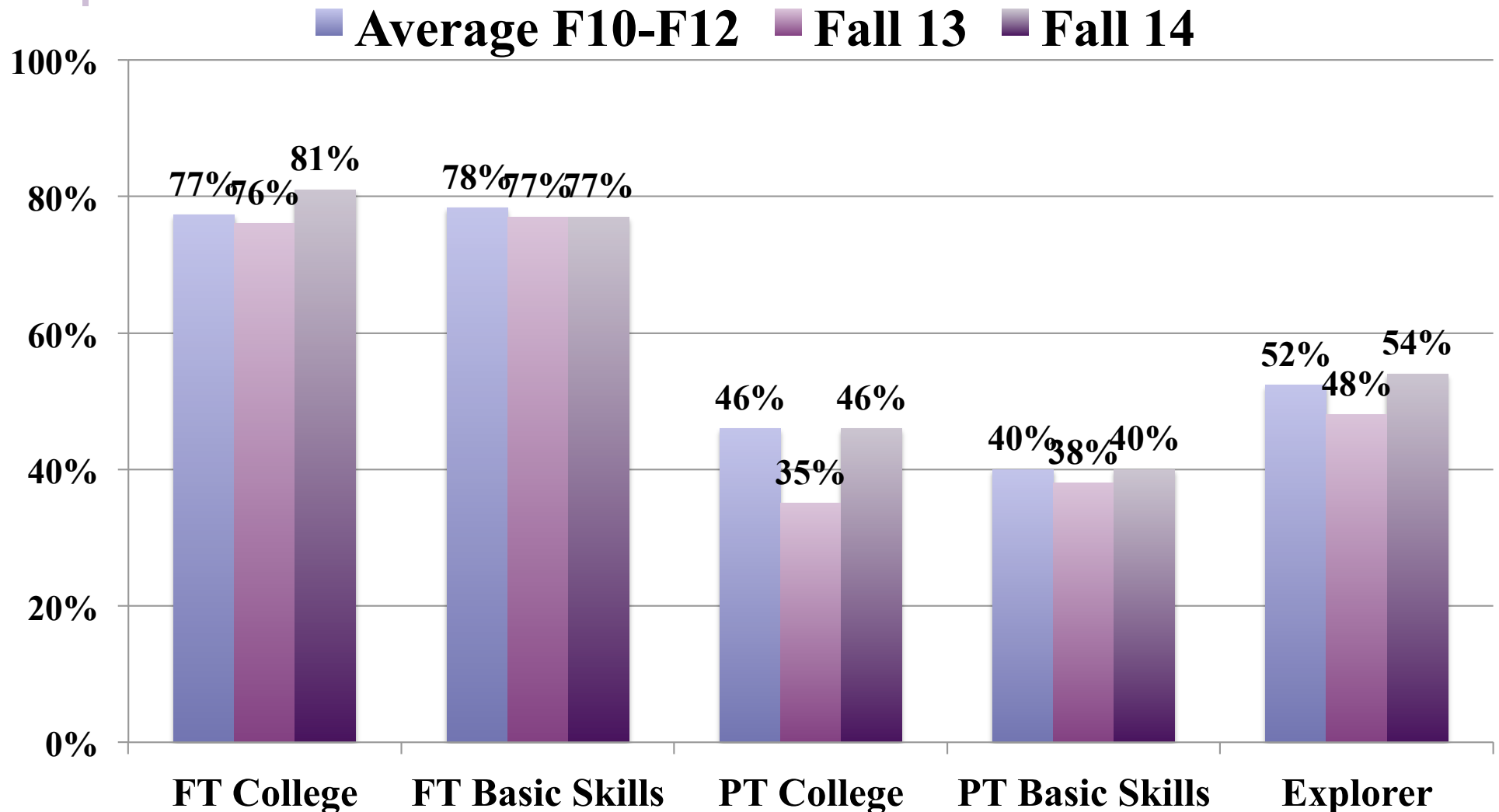
Pct Assessed into each Math Level



Milestone by First Year

Enrolled* in Any Math Course

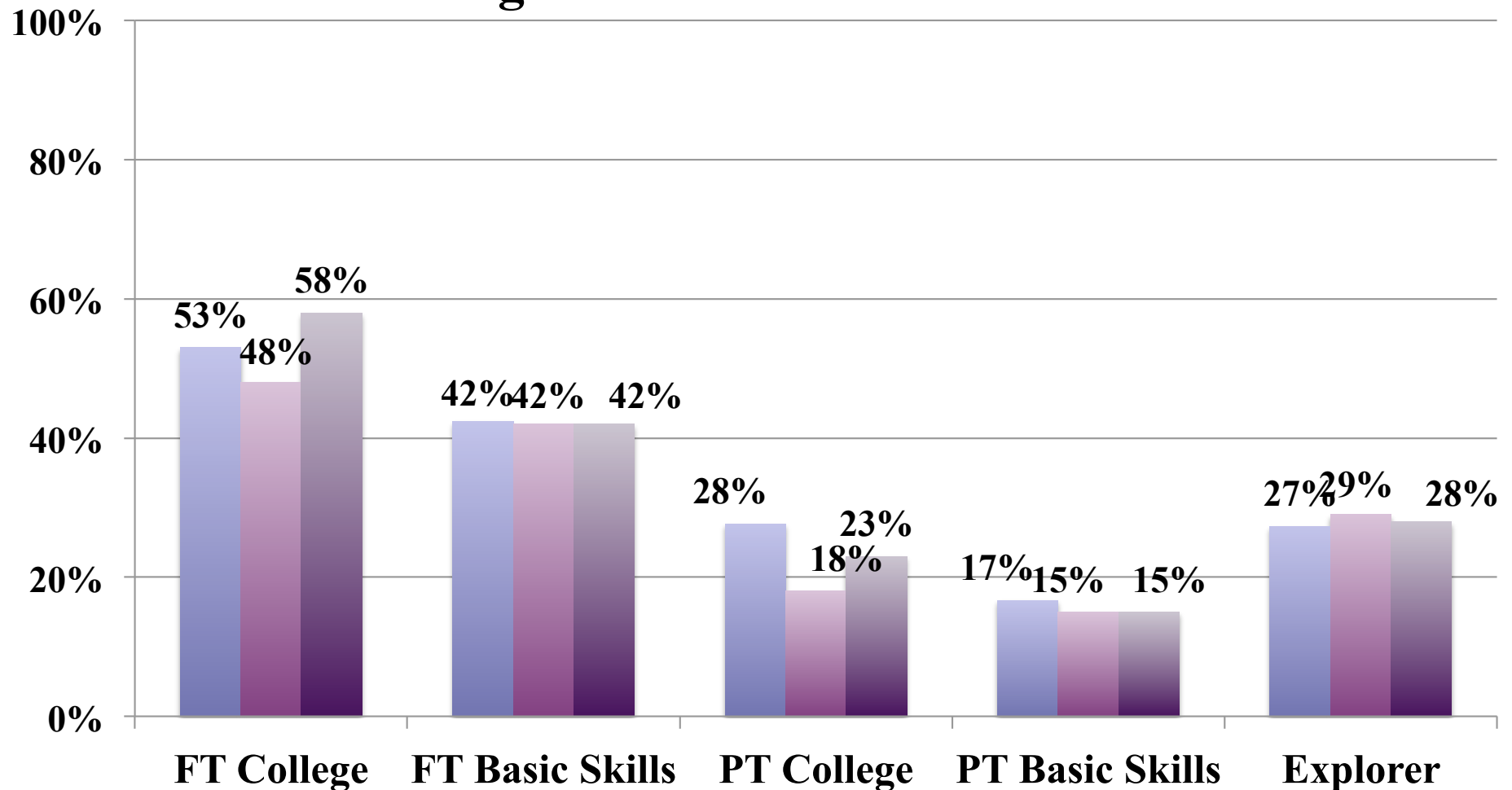
*Enrollment percentages reflect availability of classes as well as access



Milestone by First Year

Succeeded in Any Math Course

■ Average F10-F12 ■ Fall 13 ■ Fall 14



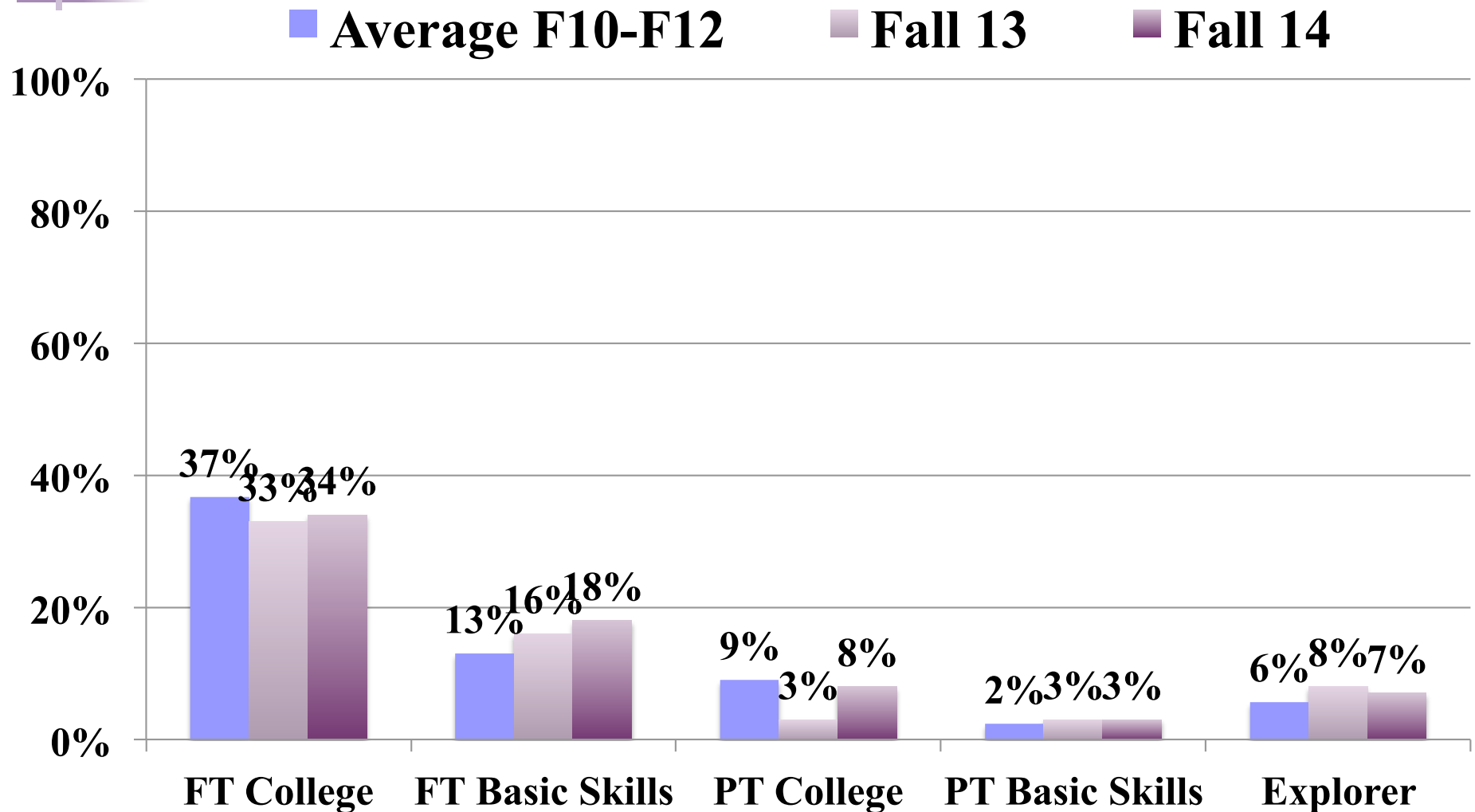


Milestones: How to interpret

- **Enrolling/succeeding in ANY Math course**
 - Whatever their assessed math level, they have enrolled in math early and completed math early, which will help complete their math sequence early
 - Reflects available seats in math classes AND
 - Each group's access to those seats AND
 - That group's success in any math courses
- **Percentages completing College Math**
 - Higher percentages completing College Math lead to more transferring to 4-year colleges
 - Only 9%-45% assess into and start in College Math.

Milestone by First Year

Completed College Math





So.....

Did we increase that number?

- **First Year Math Milestones**
 - **Completed any Math**
 - Laser FT College: YES
 - All others: Steady or lower
 - **Completed College Math**
 - FT Basic Skills: YES
 - All others: Steady or lower



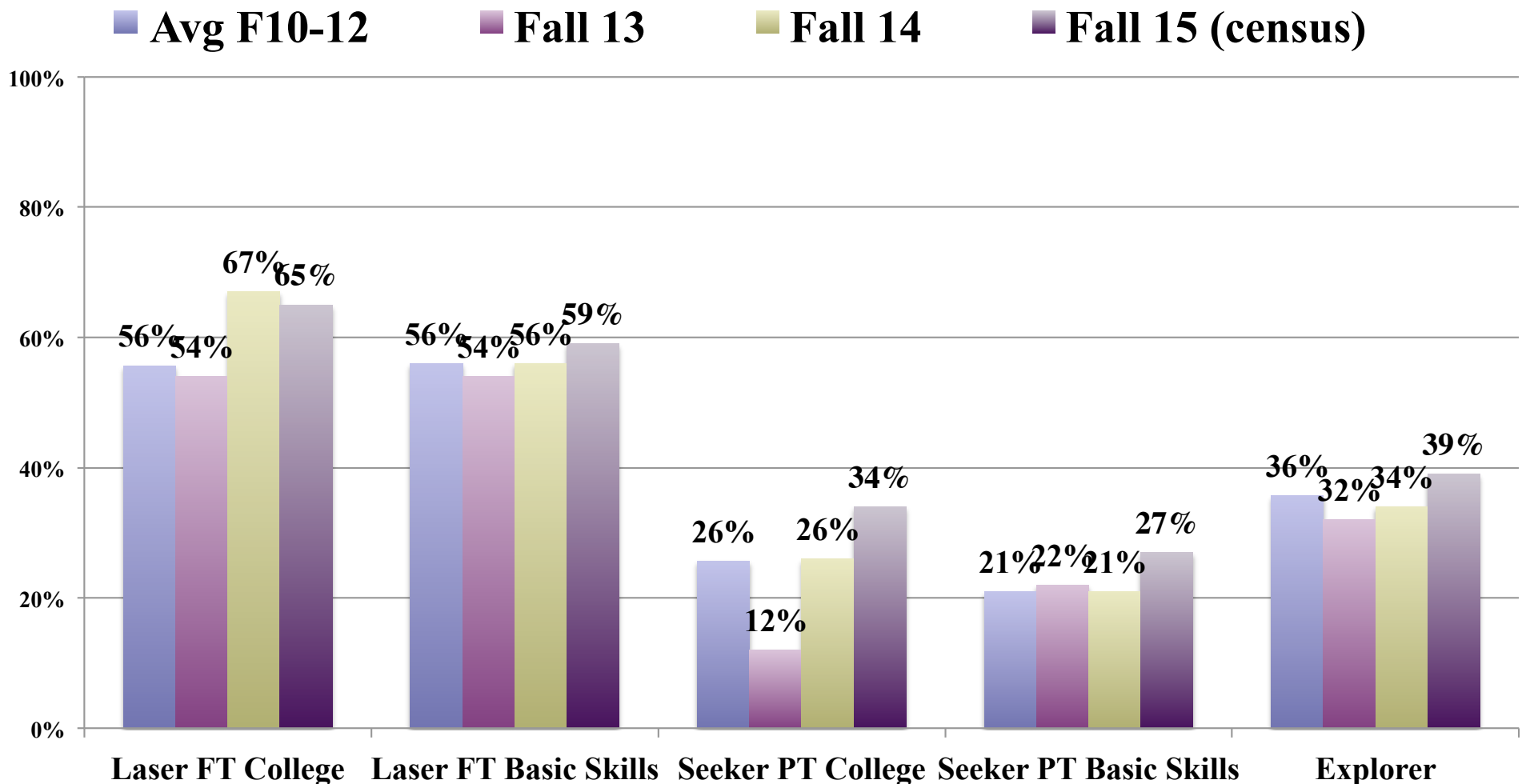
Thoughts? Observations?

- **Will more Fall 2013 and Fall 2014 Lasers and Seekers reach their educational goal of transfer or degree?**
- Yes, if completion in Math increases

Preview of Fall 15 Cohort

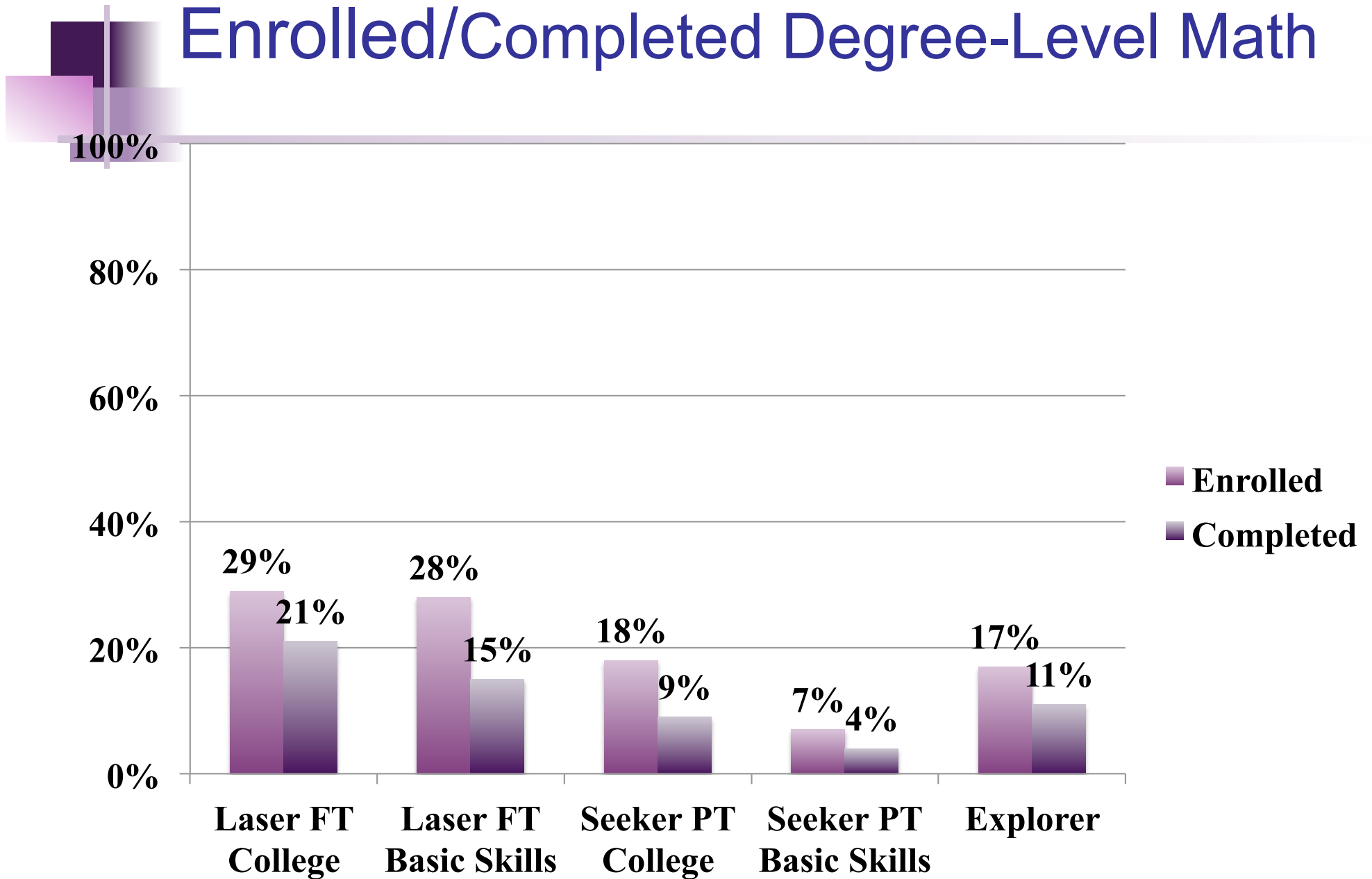
First Semester Progress:

Enrolled in Any Math Course



Milestone by First Year: Fall 2014

Enrolled/Completed Degree-Level Math





Thoughts? Observations?



Student ed goal groups allow us to:

- **Get beyond one number.**
 - **10 student groups (4 degree/transfer groups)**
- **Measure progress along the way.**
 - **Progress milestones**
- **Determine whether groups are making progress compared to past cohorts**
- **See the effect of initiatives.**