

College & Career Readiness Indicators

Hawai'i Board of Education
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Hawai'i P-20 Partnerships for Education
Executive Director



Hawai'i P-20 Partnerships for Education strengthens the education-to-workforce pipeline.

State Policy
Advocate

CORE TO COLLEGE

Key Communicator
and Convener



Best Practices
Program Developer



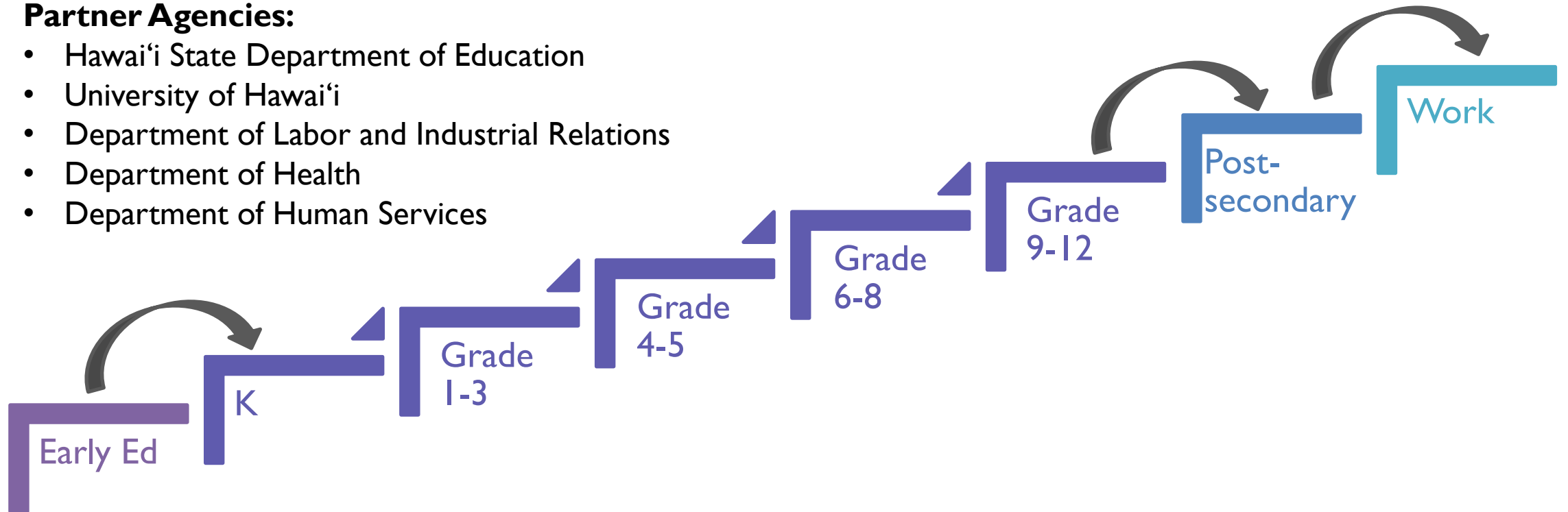
Interagency Data
Coordinator



Hawai'i Data eXchange Partnership (DXP) is a statewide longitudinal data system.

Partner Agencies:

- Hawai'i State Department of Education
- University of Hawai'i
- Department of Labor and Industrial Relations
- Department of Health
- Department of Human Services



College and Career Readiness Indicators (CCRI)

College and Career Readiness Indicators Konawaena High School						
Class of:	School			Statewide		
	2014	2015	2016	2014	2015	2016
High School Outcomes						
High School Completers ¹	155	153	140	11,216	10,927	11,003
Diploma Type (% of completers)						
Regular Diploma	98%	95%	100%	85%	85%	81%
Certificate of Completion	0%	0%	0%	1%	1%	1%
BOE Recognition or DOE Honors ²	2%	5%	0%	14%	14%	18%
DOE Honors Type: Acad / CTE / STEM	*	*	0% / 0% / 0%	*	*	16% / 5% / 3%
On-time Graduation Rate ³	81%	79%	71%	82%	82%	82%
State Assessments (% Proficient) ⁴						
English Language Arts (SBA)	*	*	50%	*	*	54%
Mathematics (SBA)	*	*	21%	*	*	30%
Science Assessment	*	*	24%	*	*	30%
ACT ⁵						
# (% of completers taking the ACT)	128 (83%)	135 (88%)	120 (86%)	9,500 (85%)	9,521 (87%)	9,765 (89%)
% College Ready: English ≥ 18	25%	35%	33%	35%	38%	39%
% College Ready: Reading ≥ 22	17%	24%	24%	20%	24%	23%
% College Ready: Math ≥ 22	13%	13%	18%	20%	21%	23%
% College Ready: Science ≥ 23	10%	21%	17%	14%	16%	17%
Dual Credit ⁶						
# (% of completers participating)	13 (8%)	11 (7%)	22 (16%)	879 (8%)	1,058 (10%)	1,573 (14%)
# (% of completers earning ≥ 6 credits)	6 (4%)	6 (4%)	14 (10%)	321 (3%)	417 (4%)	753 (7%)
Advanced Placement (AP)						
# (% of completers taking AP exams)	26 (17%)	31 (20%)	38 (27%)	3,158 (28%)	3,268 (30%)	3,644 (33%)
# (% of completers scoring ≥ 3 on an exam)	9 (6%)	15 (10%)	17 (12%)	1,355 (12%)	1,379 (13%)	1,597 (15%)
Career Technical Education (CTE) ⁷						
# (% of completers finishing a CTE program)	33 (21%)	41 (27%)	44 (31%)	3,486 (31%)	3,792 (35%)	4,269 (39%)
Nationwide College Enrollment and Persistence						
College Enrollment, Nationwide ⁸	61 (39%)	54 (35%)	64 (46%)	6,234 (56%)	6,093 (56%)	6,013 (55%)
2-year / 4-year (% of completers)	18% / 21%	13% / 22%	20% / 26%	26% / 30%	25% / 31%	23% / 32%
College Persistence, Nationwide ⁹	69%	72%	*	77%	78%	*
High School to College Transition (University of Hawai'i System)						
College Enrollment, Univ of Hawai'i ⁸	33 (21%)	25 (16%)	32 (23%)	4,136 (37%)	3,956 (36%)	3,888 (35%)
2-year / 4-year (% of completers)	14% / 7%	13% / 3%	18% / 5%	26% / 11%	25% / 11%	23% / 12%
Mathematics: # (%) enrolled in UH						
College-level	8 (24%)	4 (16%)	6 (19%)	1,248 (30%)	1,188 (30%)	1,309 (34%)
College Credit Earned in High School ¹⁰	1 (3%)	1 (4%)	5 (16%)	186 (4%)	198 (5%)	257 (7%)
Below College-level	12 (36%)	7 (28%)	7 (22%)	1,280 (31%)	1,101 (28%)	899 (23%)
Not Enrolled in Any Mathematics Course	12 (36%)	13 (52%)	14 (44%)	1,422 (34%)	1,469 (37%)	1,423 (37%)
English: # (%) enrolled in UH						
College-level	13 (39%)	6 (24%)	9 (28%)	1,789 (43%)	1,709 (43%)	1,870 (48%)
College Credit Earned in High School ¹⁰	2 (6%)	2 (8%)	7 (22%)	277 (7%)	334 (8%)	443 (11%)
Below College-level	8 (24%)	6 (24%)	8 (25%)	1,221 (30%)	976 (25%)	735 (19%)
Not Enrolled in Any English Course	10 (30%)	11 (44%)	8 (25%)	849 (21%)	937 (24%)	840 (22%)

- High school feedback report
 - Introduced in 2009 for the Class of 2008
 - Created for each Hawai'i DOE graduated class by school
- Three sections:
 - High School Outcomes
 - Nationwide College Enrollment and Persistence
 - High School to College Transition (University of Hawai'i)

CCRI Presentation Topics

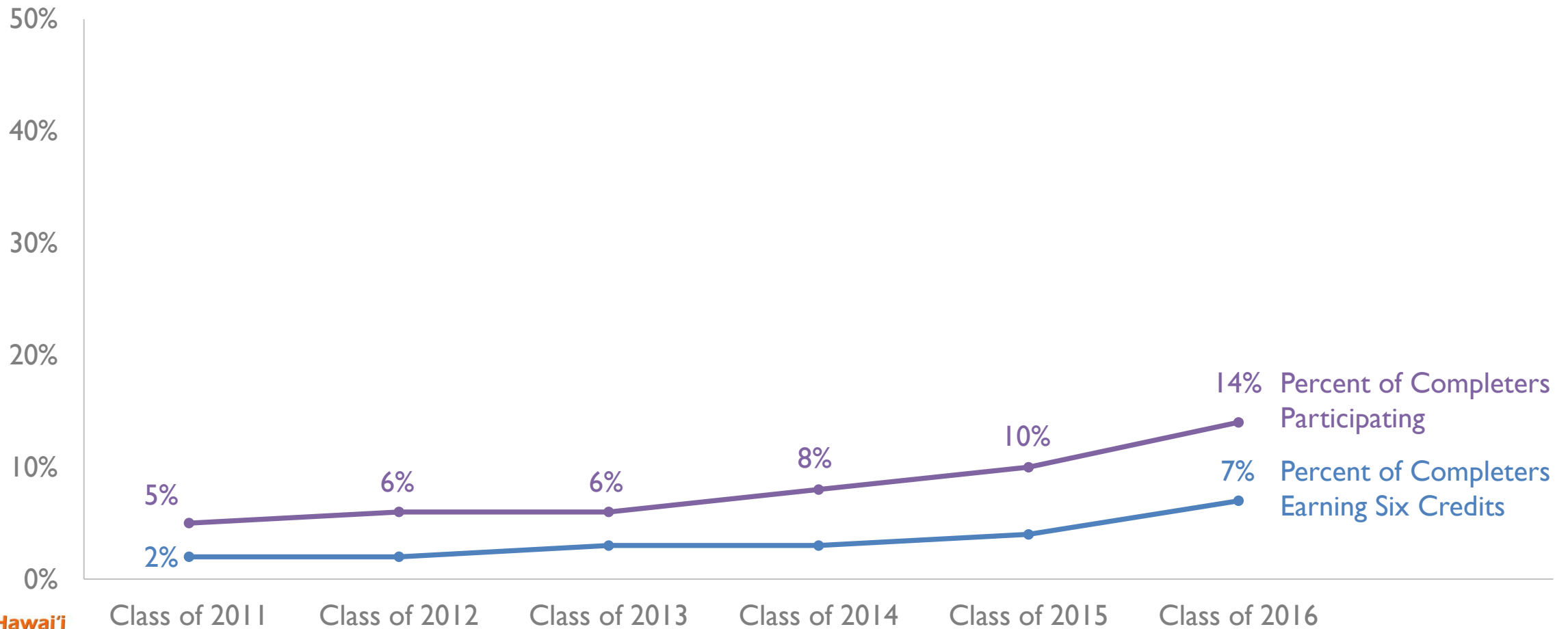
- Trends and Top Performers
- Spotlight Schools
- Identifying Underrepresented Groups for College Enrollment
- Q&A



Trends and Top Performers

The percent of completers participating in dual credit and the percent earning at least six credits are steadily increasing.

Six-year trend



Dual Credit: Top Schools

TOP PERFORMERS: % OF COMPLETERS IN DUAL CREDIT

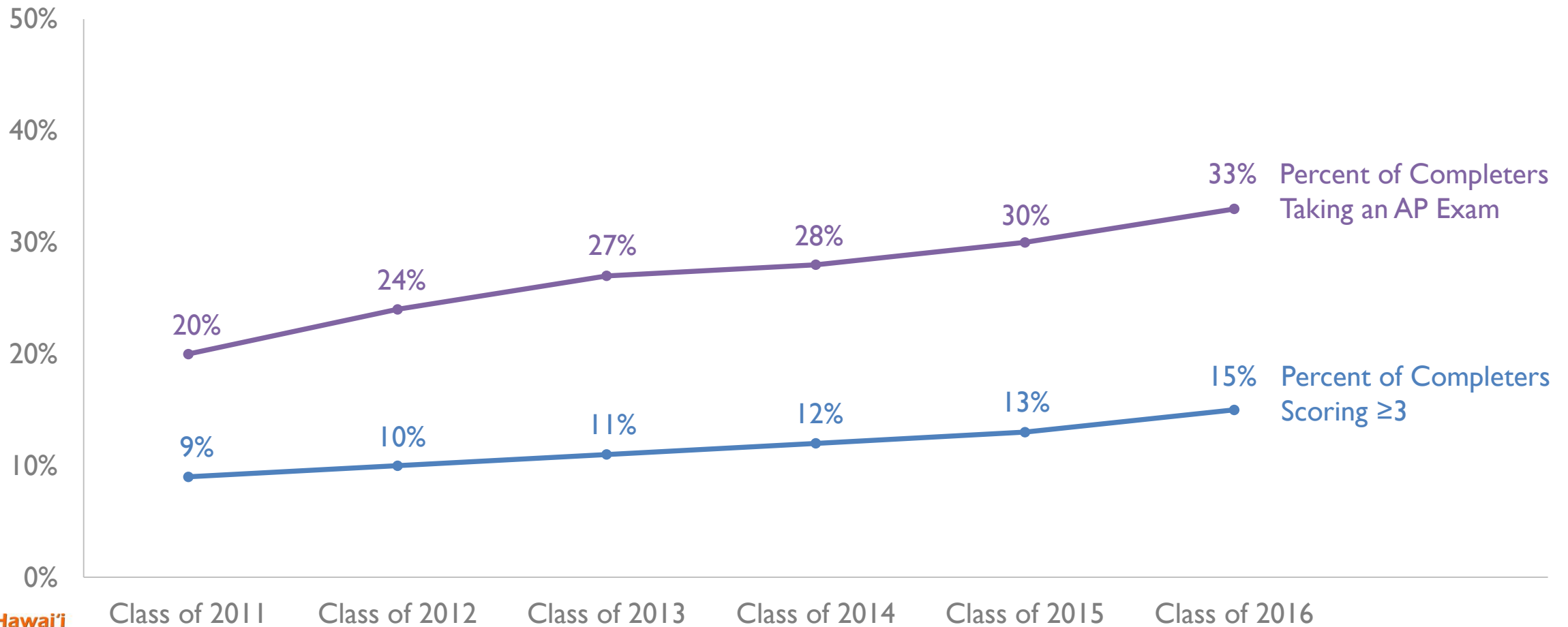
SCHOOL	2016
Waipahu	32%
Kaimukī	29%
Hilo	24%
Kapaʻa	23%
Waiākea	23%
Statewide	14%

TOP INCREASES: % OF COMPLETERS IN DUAL CREDIT

SCHOOL	2014	2016	DIFF
Hilo	7%	24%	+17%
Kaimukī	14%	29%	+15%
Kapaʻa	8%	23%	+15%
Kailua	5%	20%	+15%
Roosevelt	8%	21%	+13%
Statewide	8%	14%	+6%

The percent of completers taking Advanced Placement (AP) exams and the percent scoring ≥ 3 are steadily increasing.

Six-year trend



Advanced Placement (AP):Top Schools

TOP PERFORMERS: % OF COMPLETERS TAKING AP EXAMS

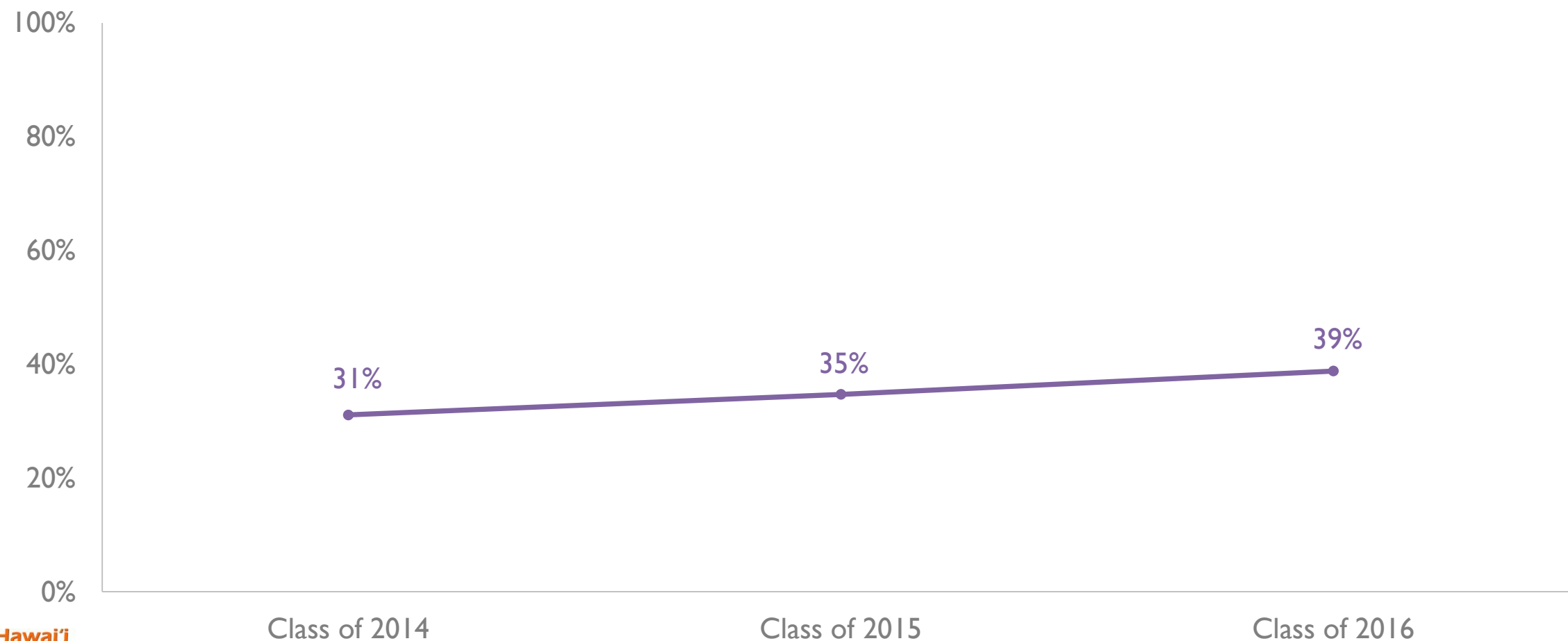
SCHOOL	2016
Roosevelt	58%
Kalani	55%
Radford & Kaiser	47%
‘Aiea & McKinley	44%
Castle & Kekaulike	43%
Statewide	33%

TOP INCREASES: % OF COMPLETERS TAKING AP EXAMS

SCHOOL	2014	2016	DIFF
Roosevelt	30%	58%	+28%
Nānākuli	11%	33%	+22%
Castle	23%	43%	+20%
‘Aiea	25%	44%	+19%
Kea‘au	†	19%	†
Statewide	28%	33%	+5%

The percent of completers who finished a CTE program of study (CTE Concentrators) is increasing.

Three-year trend



Career Technical Education (CTE):Top Schools

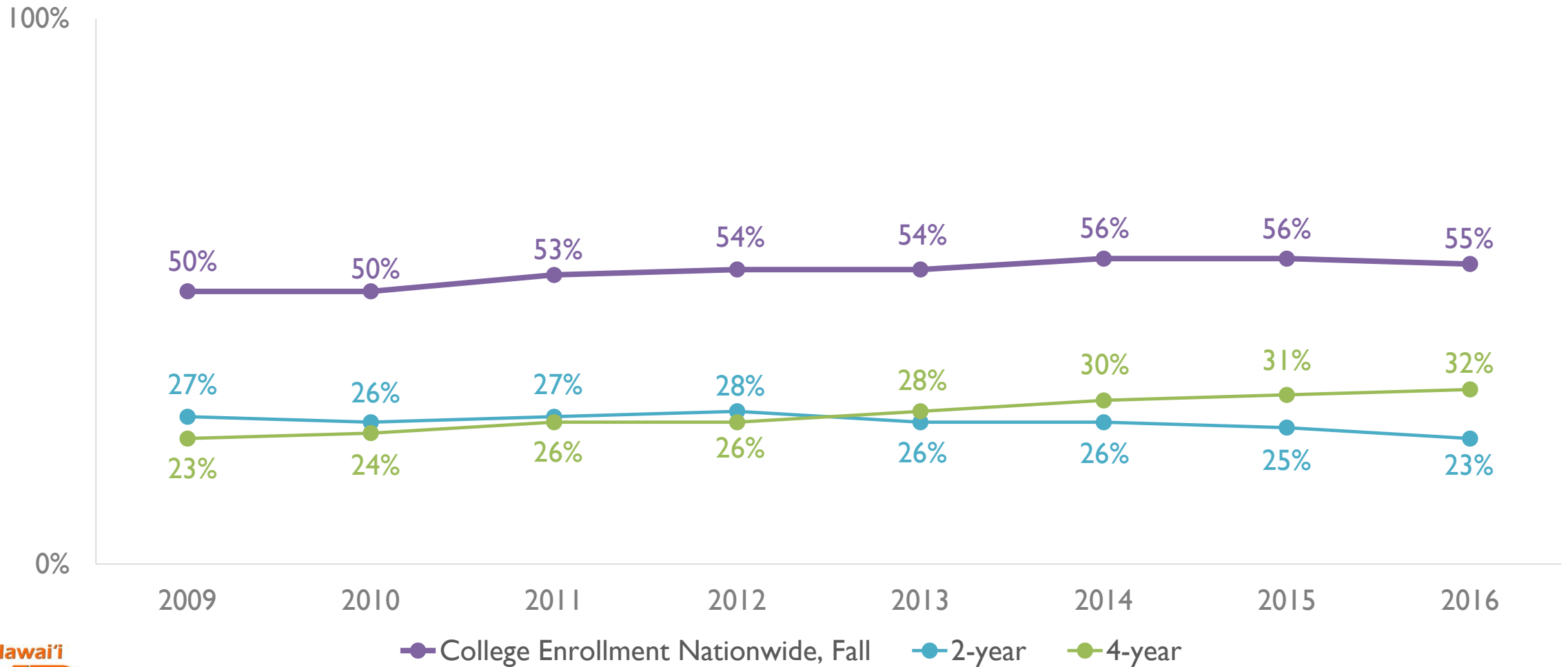
TOP PERFORMERS: % CTE CONCENTRATORS

SCHOOL	2016
Kapa'a	71%
Kaua'i	64%
Lahainaluna	64%
Maui	63%
Nānākuli	58%
Statewide	39%

TOP INCREASES: % CTE CONCENTRATORS

SCHOOL	2014	2016	DIFF
Kapa'a	45%	71%	+26%
Nānākuli	36%	58%	+22%
Waimea	30%	50%	+20%
'Aiea	18%	36%	+18%
Kea'au	35%	51%	+16%
Statewide	31%	39%	+8%

Nationwide college enrollment has plateaued over the last few years.



College Enrollment: Top Schools

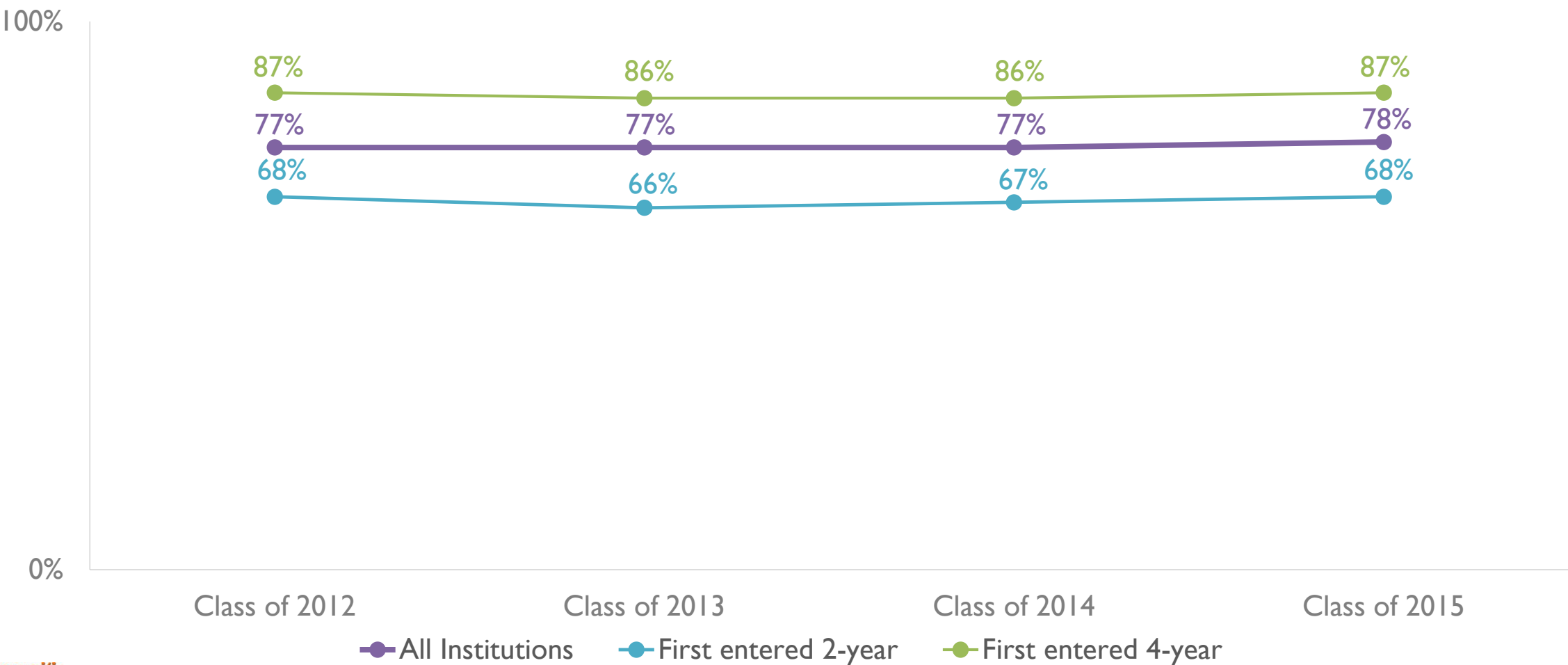
TOP PERFORMERS: % ENROLLING IN COLLEGE

SCHOOL	2016
Kalani	82%
Kaiser & Roosevelt	75%
Mililani	72%
McKinley	67%
Kalaheo	66%
Statewide	55%

TOP INCREASES: % ENROLLING IN COLLEGE

SCHOOL	2014	2016	DIFF
Konawaena	39%	46%	+7%
Lahainaluna	49%	55%	+6%
Kapa'a	52%	58%	+6%
Radford	56%	62%	+6%
Nānākuli	33%	38%	+5%
Kalani	77%	82%	+5%
Statewide	56%	55%	-1%

College Persistence* from First Fall to Second Fall



*Percent of high school completers who enrolled in postsecondary during the first fall after high school and who enrolled in any postsecondary during the second fall after high school

College Persistence* from First Fall to Second Fall:Top Schools

TOP PERFORMERS:

% PERSISTING FALL TO FALL

SCHOOL	2015
University Lab	91%
Kalani & Kaiser	87%
Moanalua	86%
Roosevelt	84%
Pearl City & Waimea	83%
Statewide	78%

TOP INCREASES:

% PERSISTING FALL TO FALL

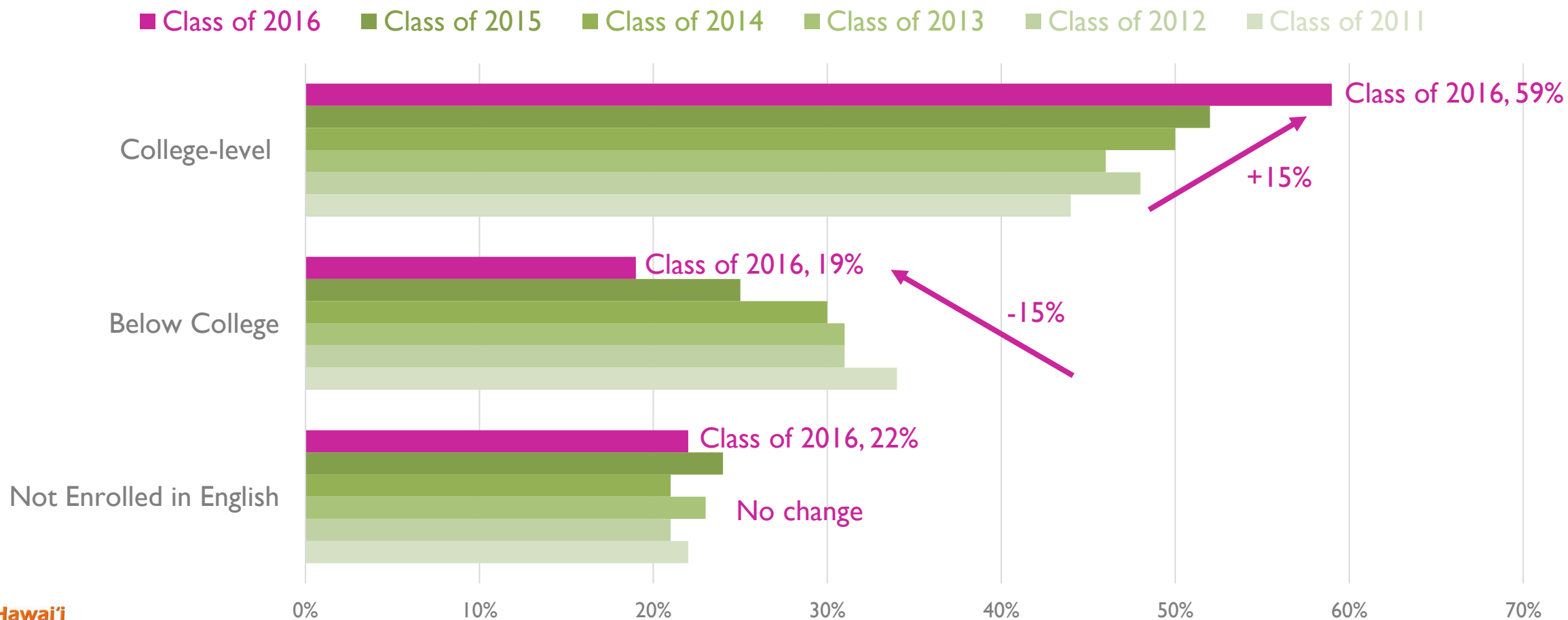
SCHOOL	2012	2015	DIFF
Kaua'i	72%	82%	+10%
Honoka'a	67%	77%	+10%
Kekaulike	75%	82%	+7%
Castle	74%	81%	+7%
Hilo	66%	73%	+7%
Statewide	77%	78%	+1%

Top Postsecondary Institutions

Rank	Postsecondary Institution	Count	% Of Completers That Enrolled in Postsecondary
1	University of Hawai'i at Mānoa	899	15%
2	Leeward Community College	680	11%
3	Kapi'olani Community College	532	9%
4	Hawai'i Community College	297	5%
5	University of Hawai'i – Maui College	290	5%
6	Honolulu Community College	272	5%
7	University of Hawai'i at West O'ahu	217	4%
8	University of Hawai'i at Hilo	199	3%
9	Kaua'i Community College	191	3%
10	Windward Community College	168	3%
11	University of Nevada Las Vegas	122	2%
12	Chaminade University of Honolulu	115	2%
13	Hawai'i Pacific University	84	1%
14	Northern Arizona University	70	1%
15	Washington State University	55	1%

For completers who enroll at the University of Hawai'i (UH), more are immediately enrolling in college-level English.

Six-year trend of completers who enroll at UH (roughly 38% of high school completers)



Beginning Fall 2016, UH placement policy allows multiple measures of student performance (e.g., GPA, grades, SBA or ACT scores) for placement into college-level coursework. Policy changes may influence trend.

UH College-level English Enrollment: Top Schools

TOP PERFORMERS:

% ENROLLED IN COLLEGE-LEVEL ENGLISH

SCHOOL	2016
Baldwin	70%
Maui & Waiākea	68%
Pearl City	67%
Kalani	66%
Kapolei & Roosevelt	65%
Statewide	59%

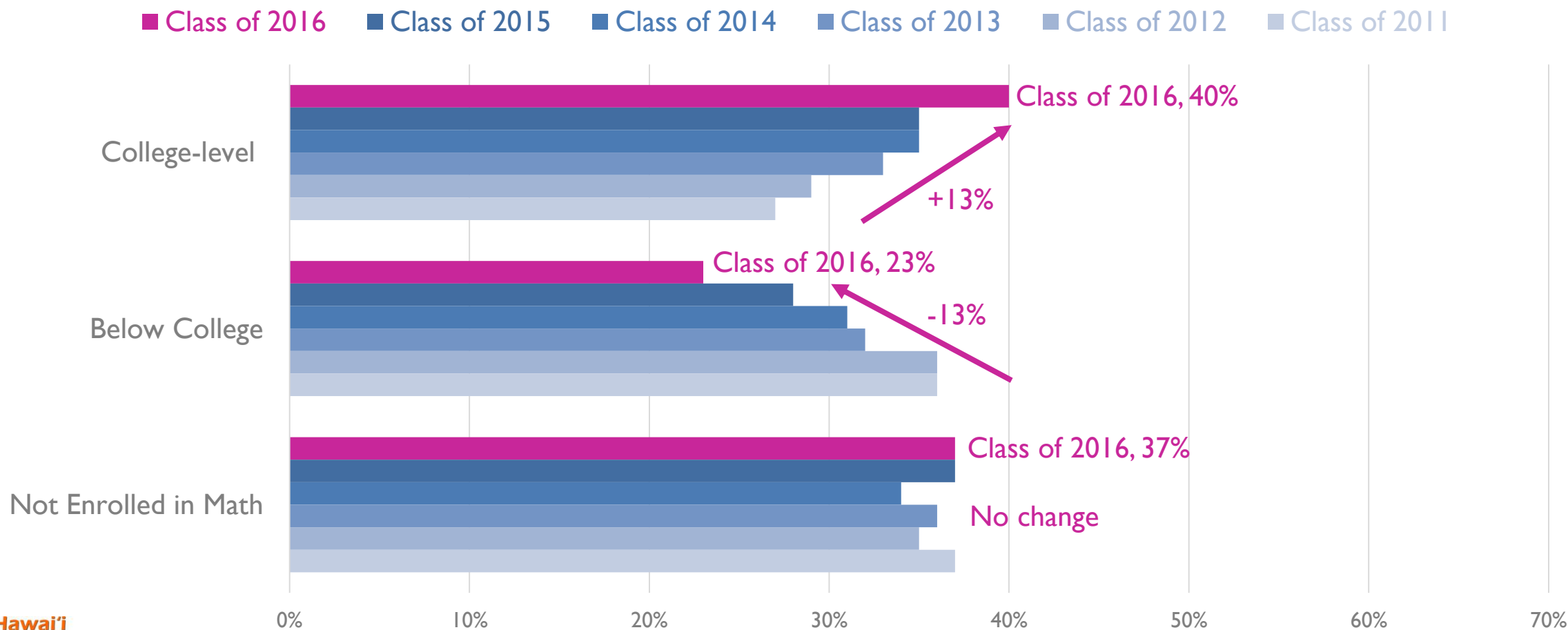
TOP INCREASES:

% ENROLLED IN COLLEGE-LEVEL ENGLISH

SCHOOL	2014	2016	DIFF
Honoka'a	32%	61%	+29%
Hilo	37%	63%	+26%
Waiākea	45%	68%	+23%
Kaimukī	38%	60%	+22%
Maui	47%	68%	+21%
Statewide	50%	59%	+9%

For completers who enroll at the University of Hawai'i (UH), more are immediately enrolling in college-level math.

Six-year trend of completers who enroll at UH (roughly 38% of high school completers)



UH College-level Math Enrollment: Top Schools

TOP PERFORMERS:

% ENROLLED IN COLLEGE-LEVEL MATH

SCHOOL	2016
Honoka'a	67%
Kea'au	58%
Hilo & Kalani	54%
Lahainaluna	52%
Maui & Waiākea	51%
Statewide	40%

TOP INCREASES:

% ENROLLED IN COLLEGE-LEVEL MATH

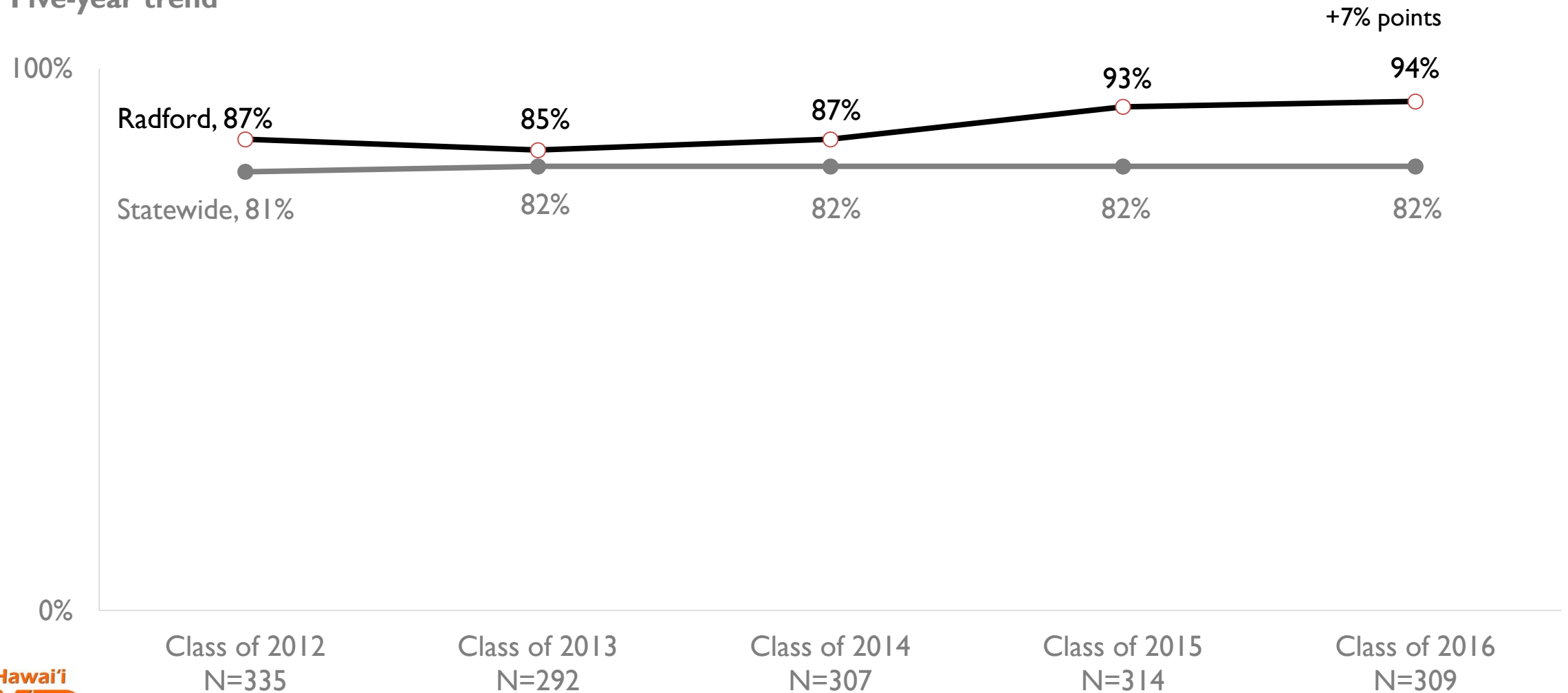
SCHOOL	2014	2016	DIFF
Honoka'a	32%	67%	+35%
Baldwin	23%	45%	+22%
Lahainaluna	32%	52%	+20%
Kealakehe	31%	49%	+18%
Hilo	38%	54%	+16%
Statewide	35%	40%	+5%



Spotlight Schools

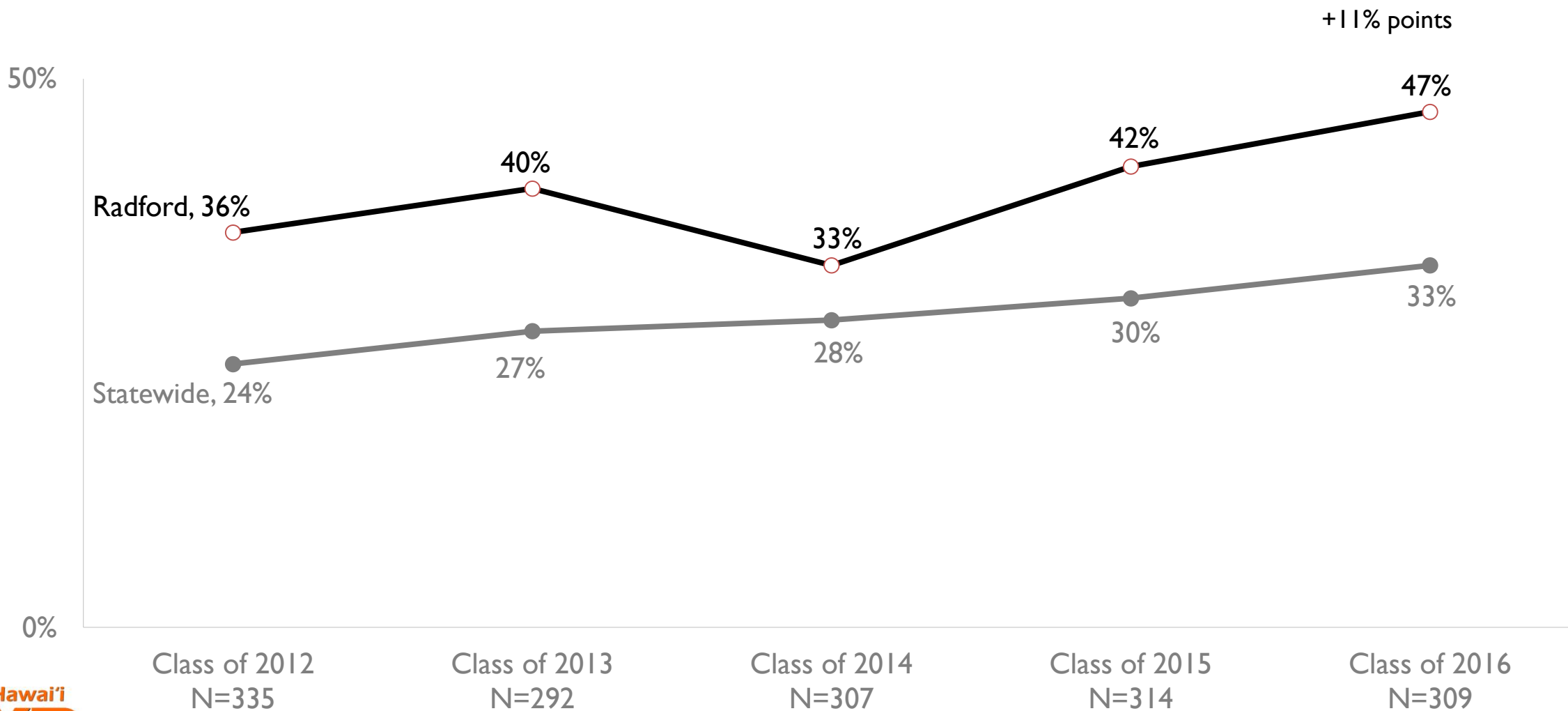
Spotlight School: Radford High School's on-time graduation increased.

Five-year trend



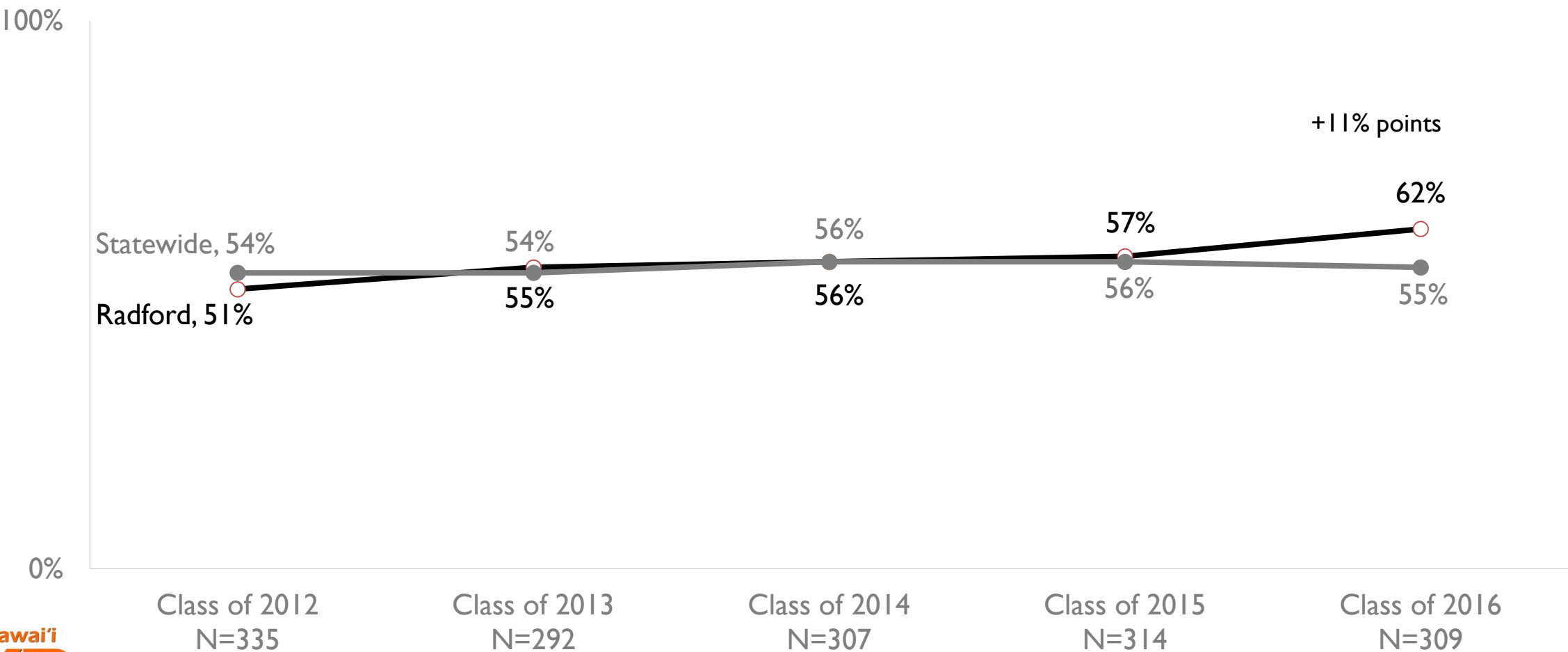
Radford: More students are taking AP exams.

Five-year trend



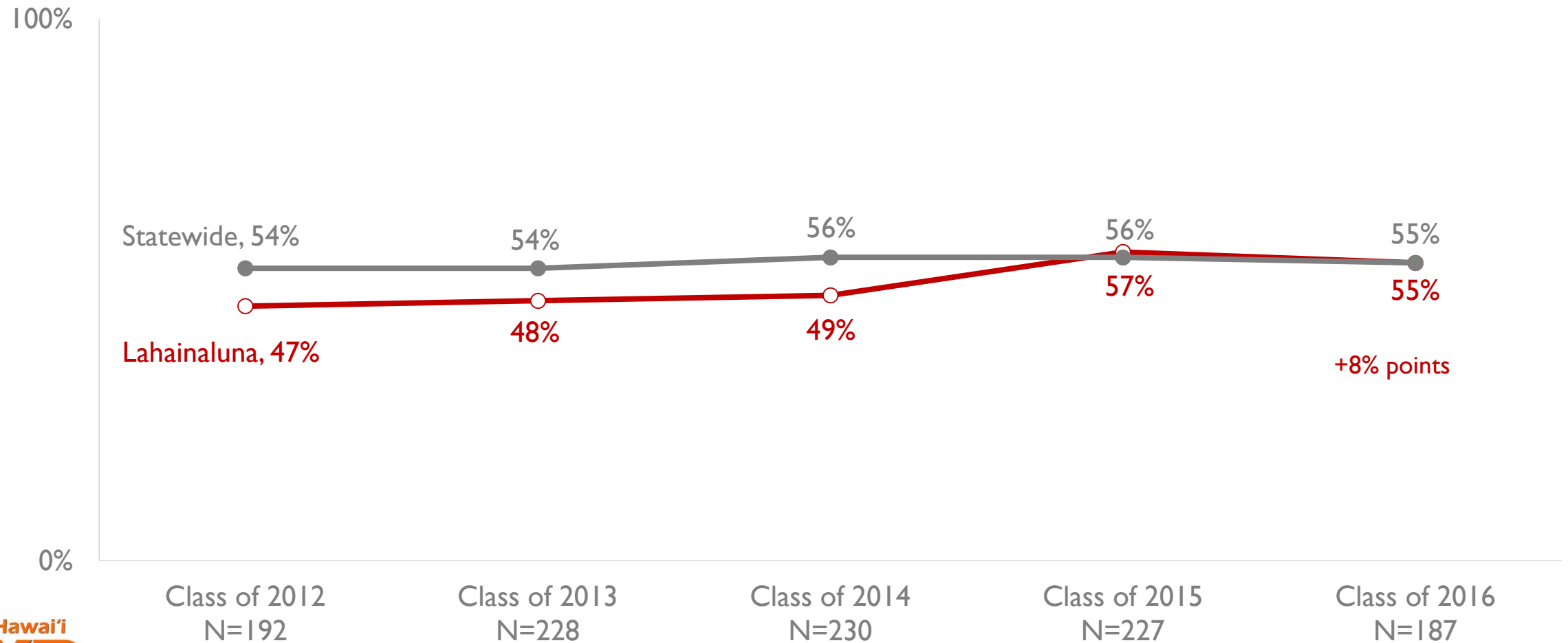
Radford: More students are entering college.

Five-year trend



Spotlight School: Lahainaluna High School's College Enrollment increased.

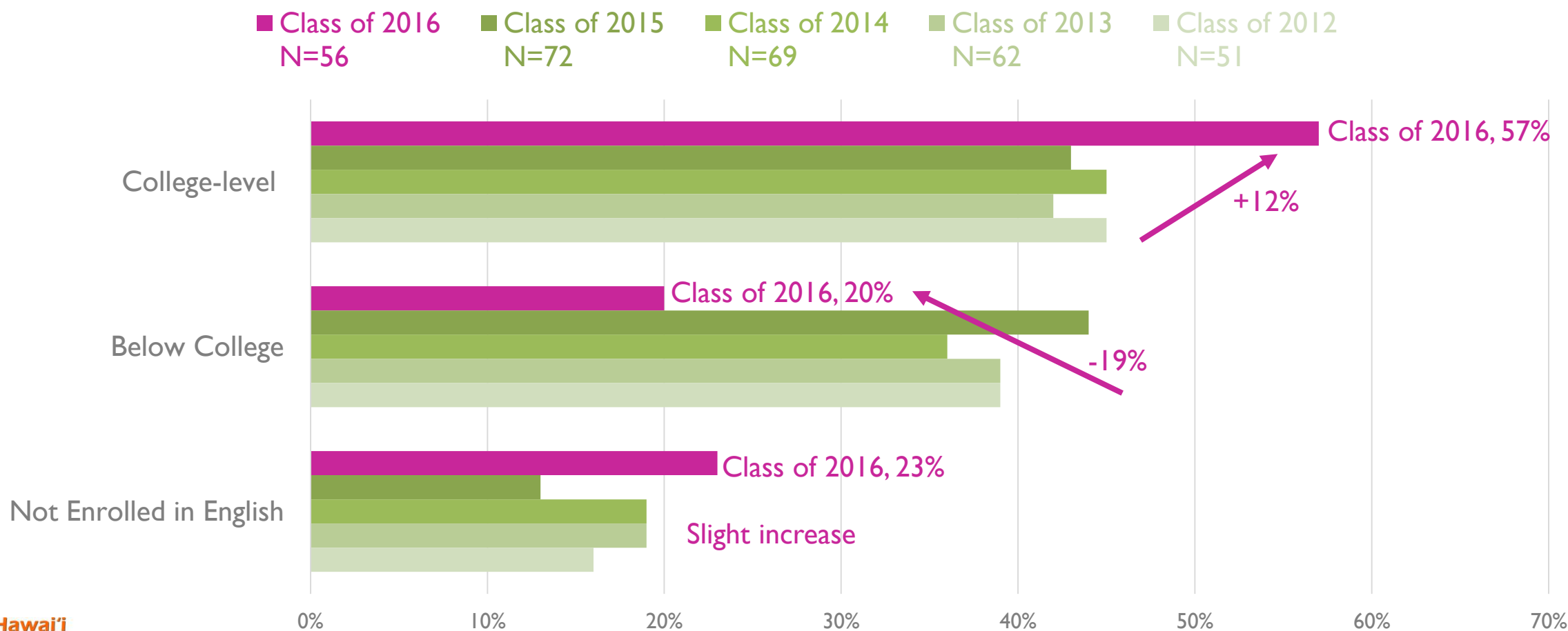
Five-year trend



+8% points

Lahainaluna: More students are enrolling in college-level English and fewer are enrolling in remedial English.

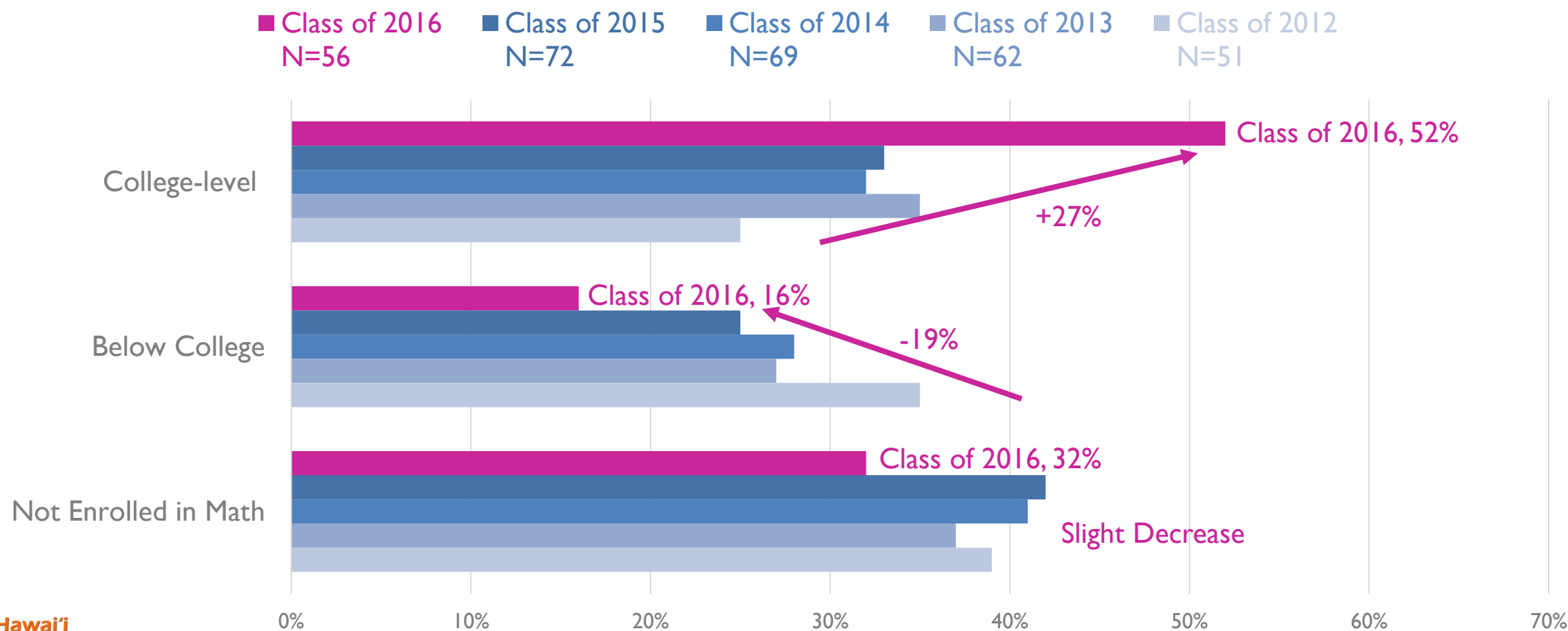
Five-year trend of completers who enroll at UH



Beginning Fall 2016, UH placement policy allows multiple measures of student performance (e.g., GPA, grades, SBA or ACT scores) for placement into college-level coursework. Policy changes may influence trend.

Lahainaluna: More students are enrolling in college-level math and fewer are enrolling in remedial math.

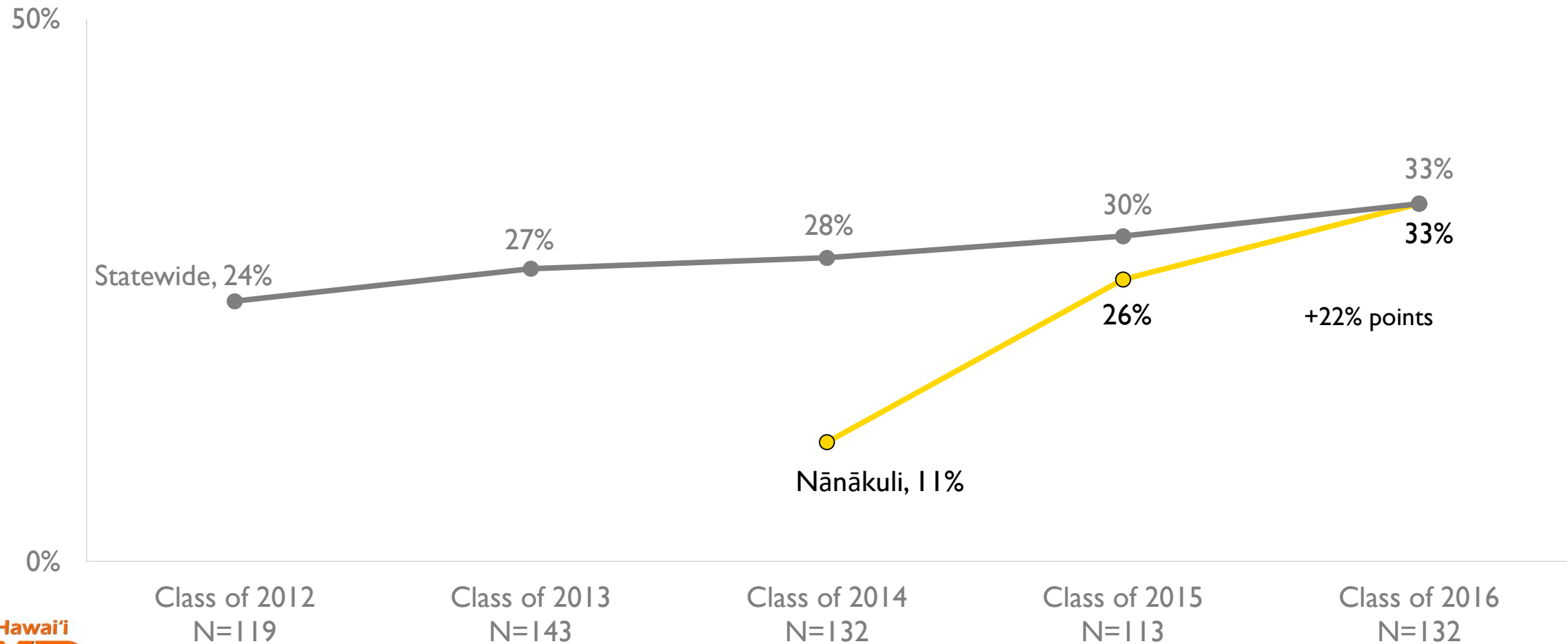
Five-year trend of completers who enroll at UH



Beginning Fall 2016, UH placement policy allows multiple measures of student performance (e.g., GPA, grades, SBA or ACT scores) for placement into college-level coursework. Policy changes may influence trend.

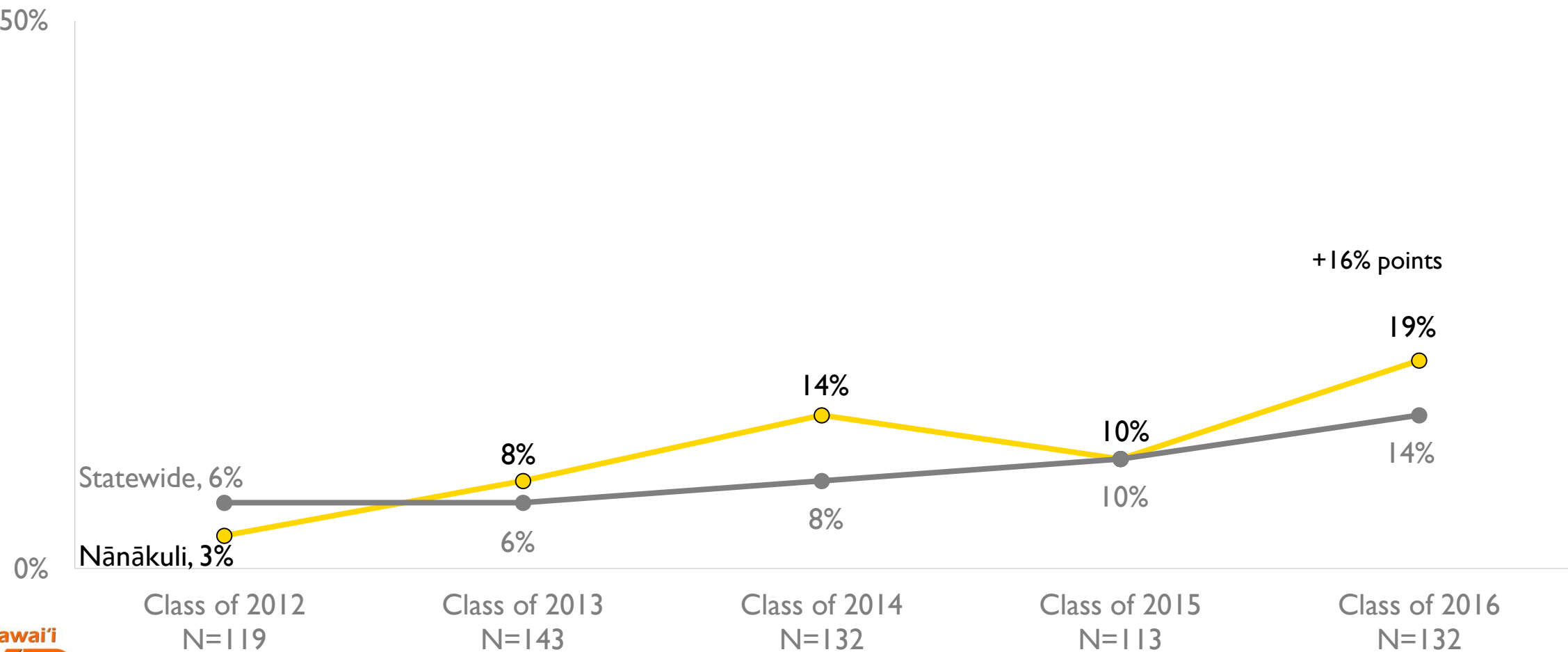
Spotlight School: Nānākuli High School's AP exam-taking increased.

Five-year trend



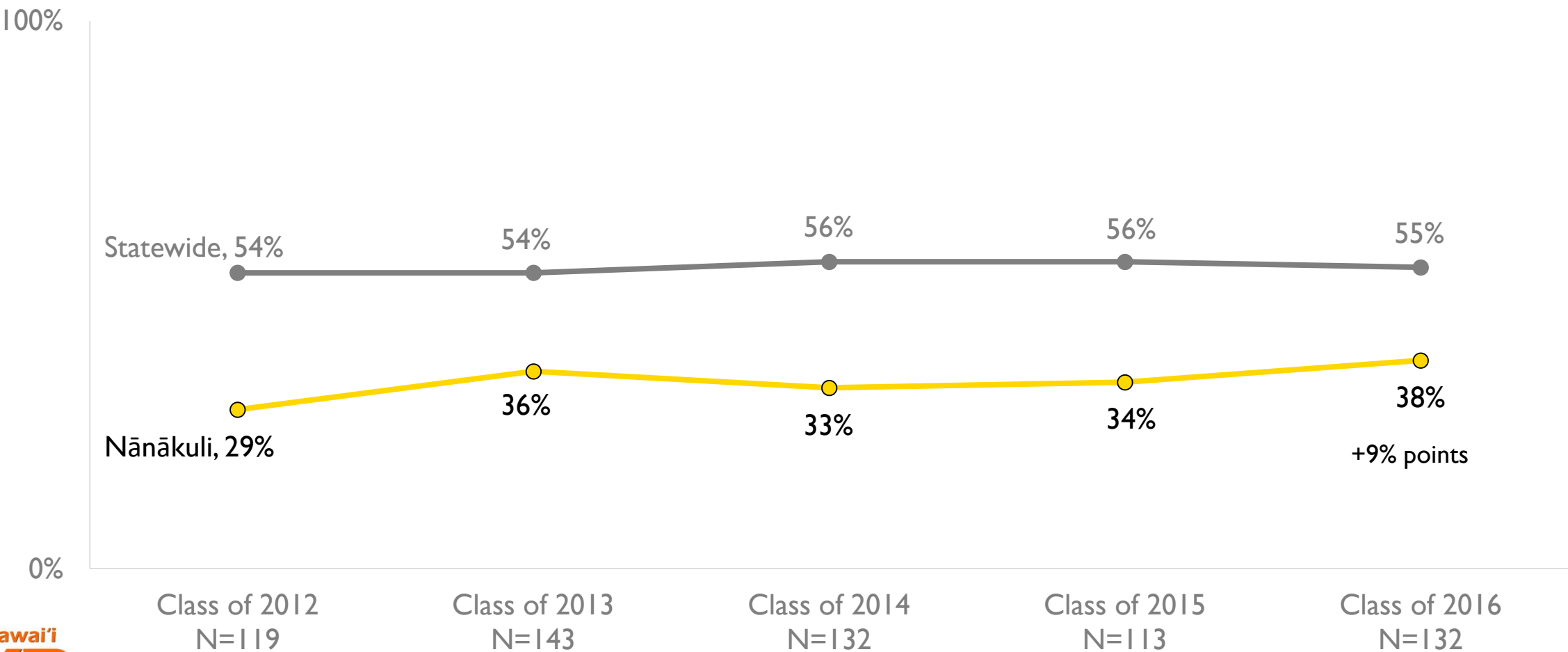
Nānākuli: More students are participating in dual credit.

Five-year trend



Nānākuli: More students are entering college.

Five-year trend



Summary

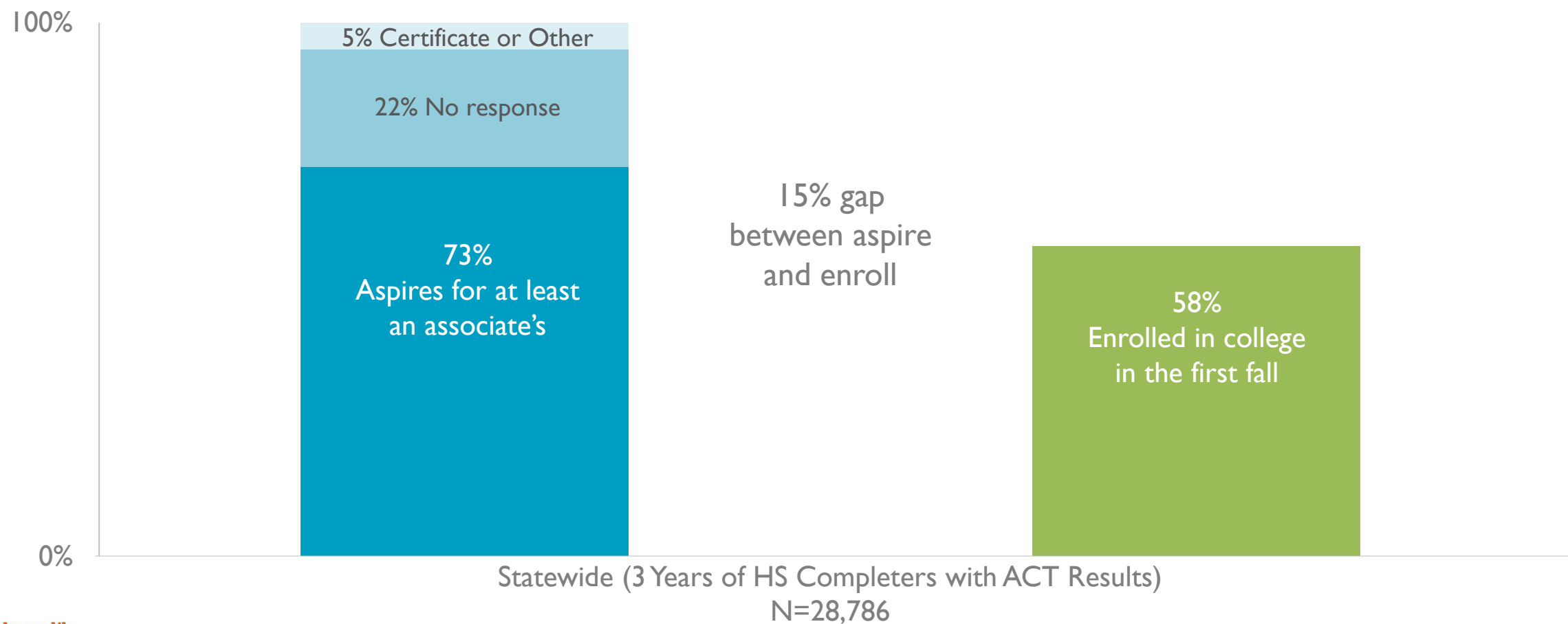
- Participation in dual credit increased by 9 percentage points (2011 to 2016)
- AP exam-taking increased by 13 percentage points (2011 to 2016)
- CTE Concentrators increased by 8 percentage points (2014 to 2016)
- College-level English increased by 15 percentage points (2011 to 2016)
- College-level math increased by 13 percentage points (2011 to 2016)
- College enrollment has plateaued around 55%
- College persistence remains steady around 78%



College Aspiration vs. College Enrollment

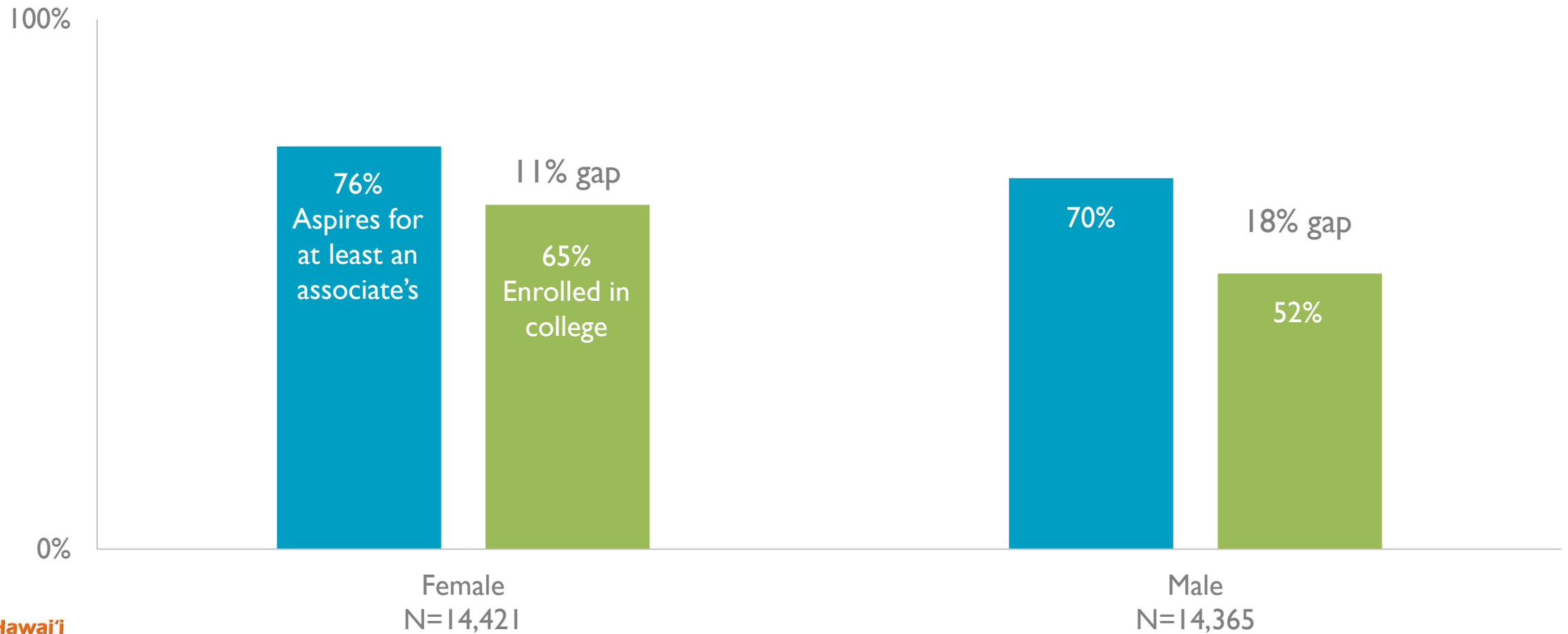
College aspirations vs. first fall college enrollment

Three years of completers (Class of 2014, 2015 & 2016) with 11th grade ACT results



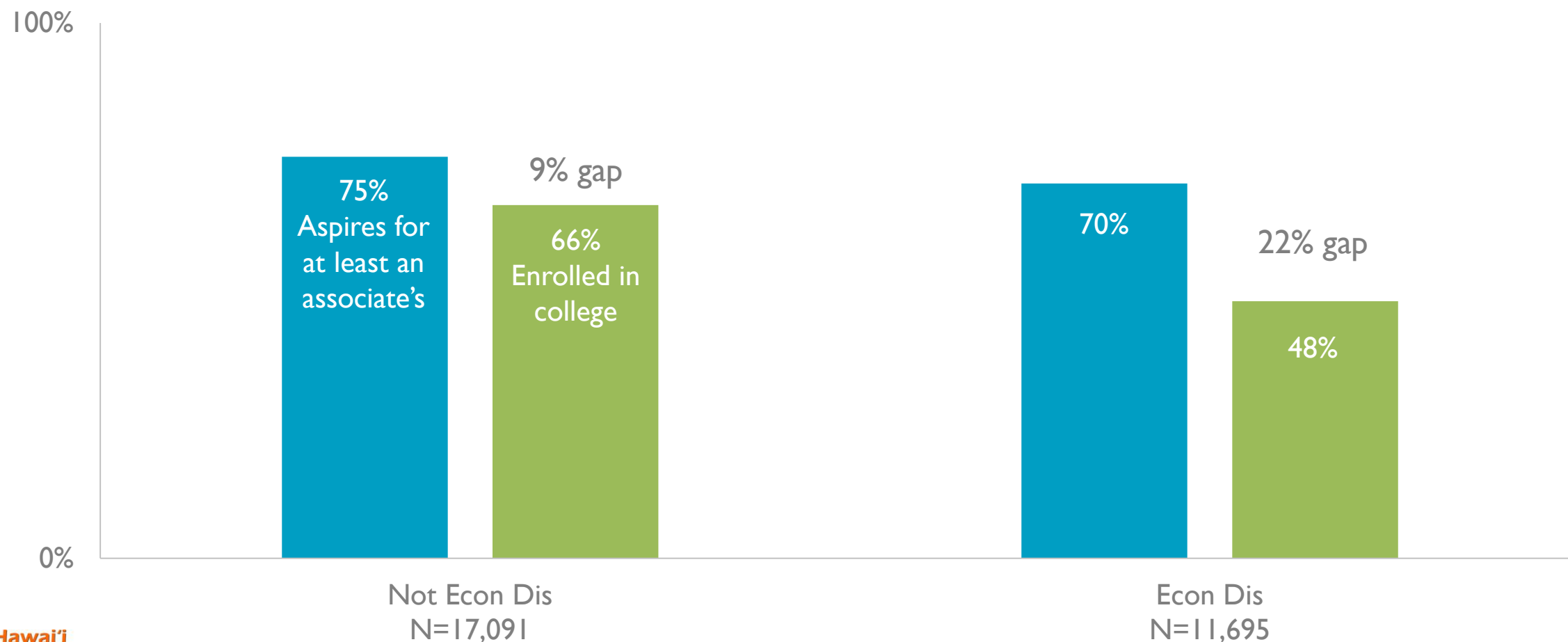
Male students are less likely to enroll right away.

Three years of completers (Class of 2014, 2015 & 2016) with 11th grade ACT results, plus college enrollment



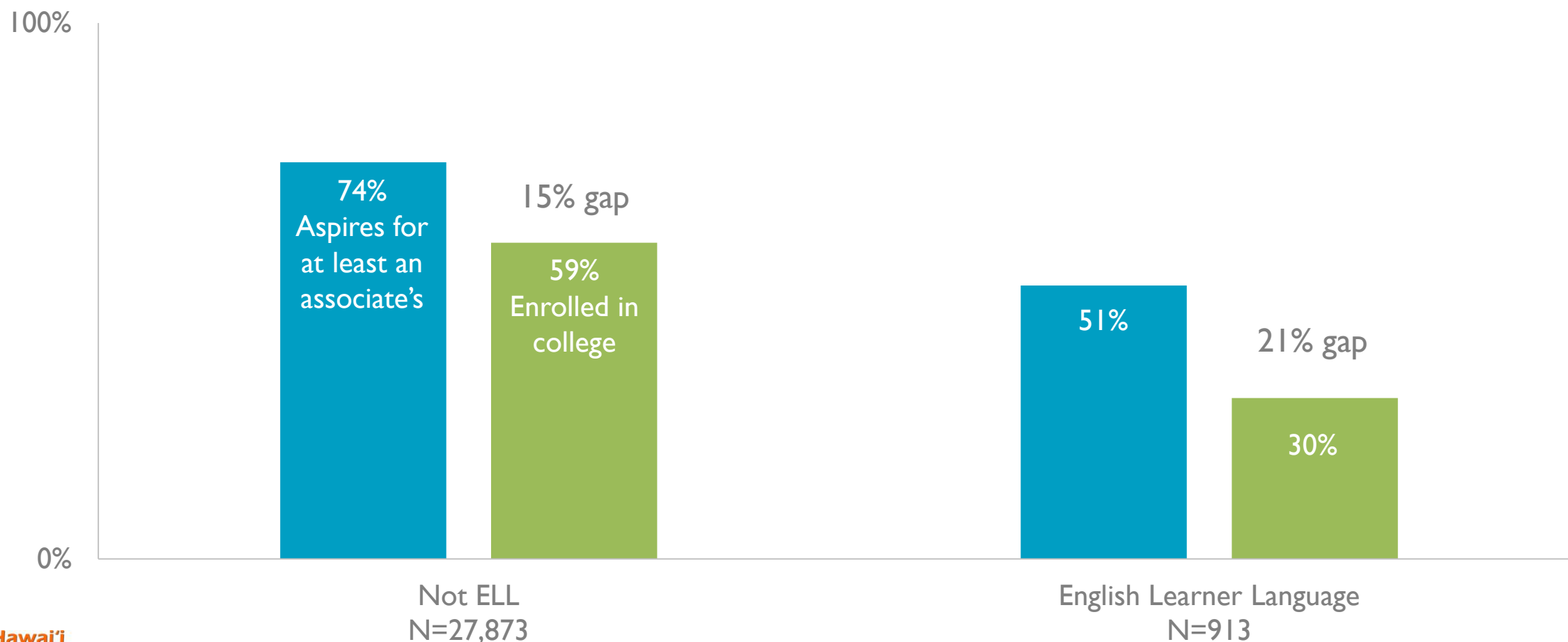
Economically disadvantaged students are less likely to **enroll right away.**

Three years of completers (Class of 2014, 2015 & 2016) with 11th grade ACT results, plus college enrollment



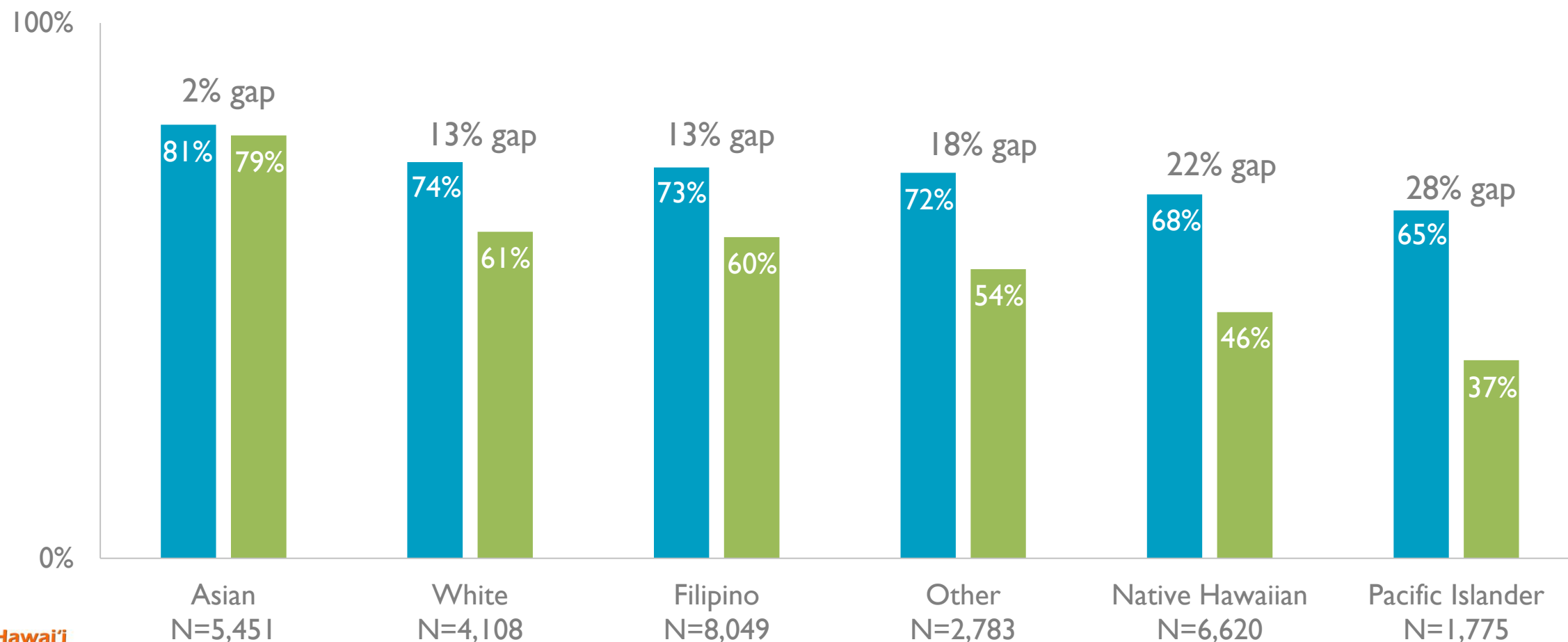
English Language Learners are less likely to enroll right away.

Three years of completers (Class of 2014, 2015 & 2016) with 11th grade ACT results, plus college enrollment



Native Hawaiian and Pacific Islander students are the least likely to enroll right away.

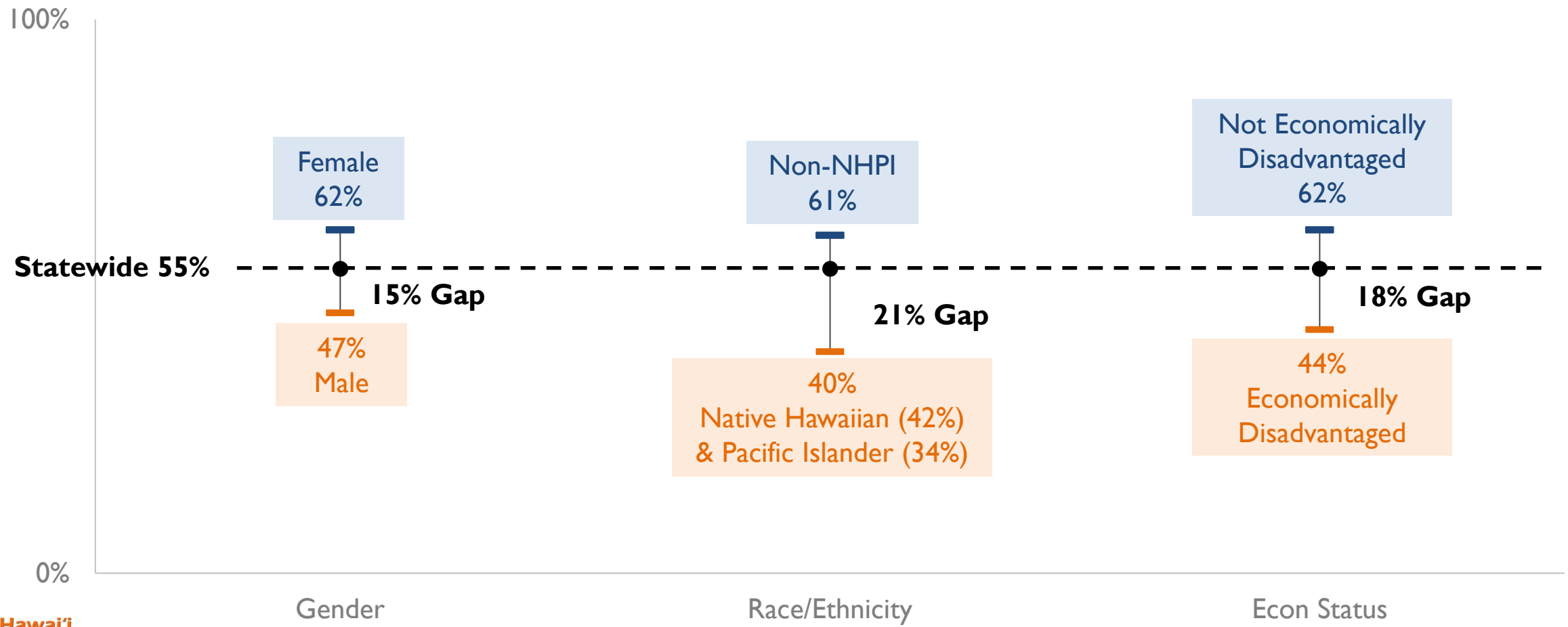
Three years of completers (Class of 2014, 2015 & 2016) with 11th grade ACT results, plus college enrollment



“Other” includes African American, Hispanic, Multiple, and Native American/Alaskan

College Enrollment Rate Disaggregated by Gender, Race/Ethnicity, Economic Status

Class of 2016 college enrollment rate



College Enrollment Rate Disaggregated

by Dual Credit Participation and Gender, Race/Ethnicity, Economic Status

College enrollment rate for six years of high school completers combined (Class of 2011 through 2016)

