

# IR Data and Tools: Trends in Graduation and Retention

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March 12, 2021

University Council



Western Oregon  
UNIVERSITY



# Institutional Research Website

A tour

hosted by

Michael Baltzley

Associate Provost for Academic Effectiveness

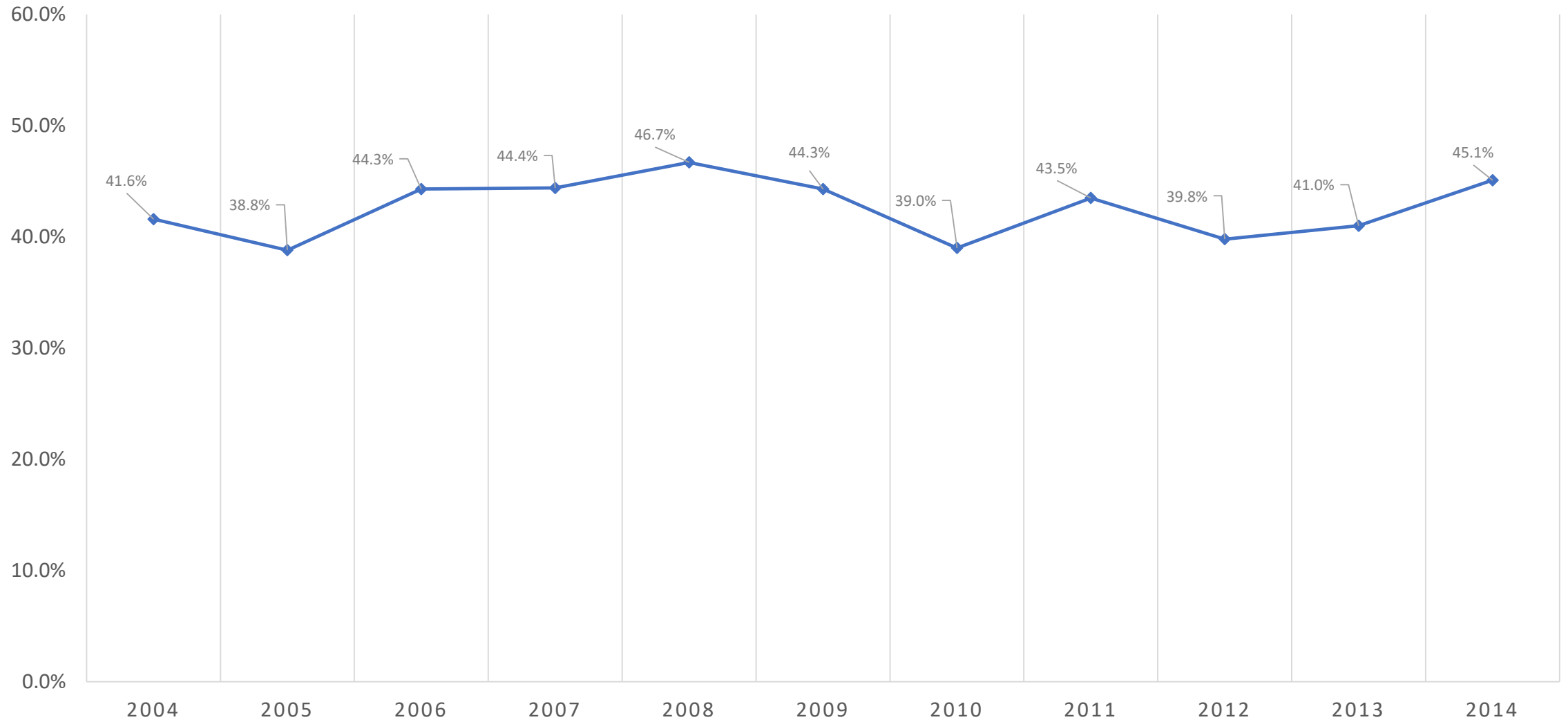
From these resources, users can explore questions about student success and equity of outcomes.

The charts that follow were created from data at this [link](#) and this [link](#) on the IR webpage.

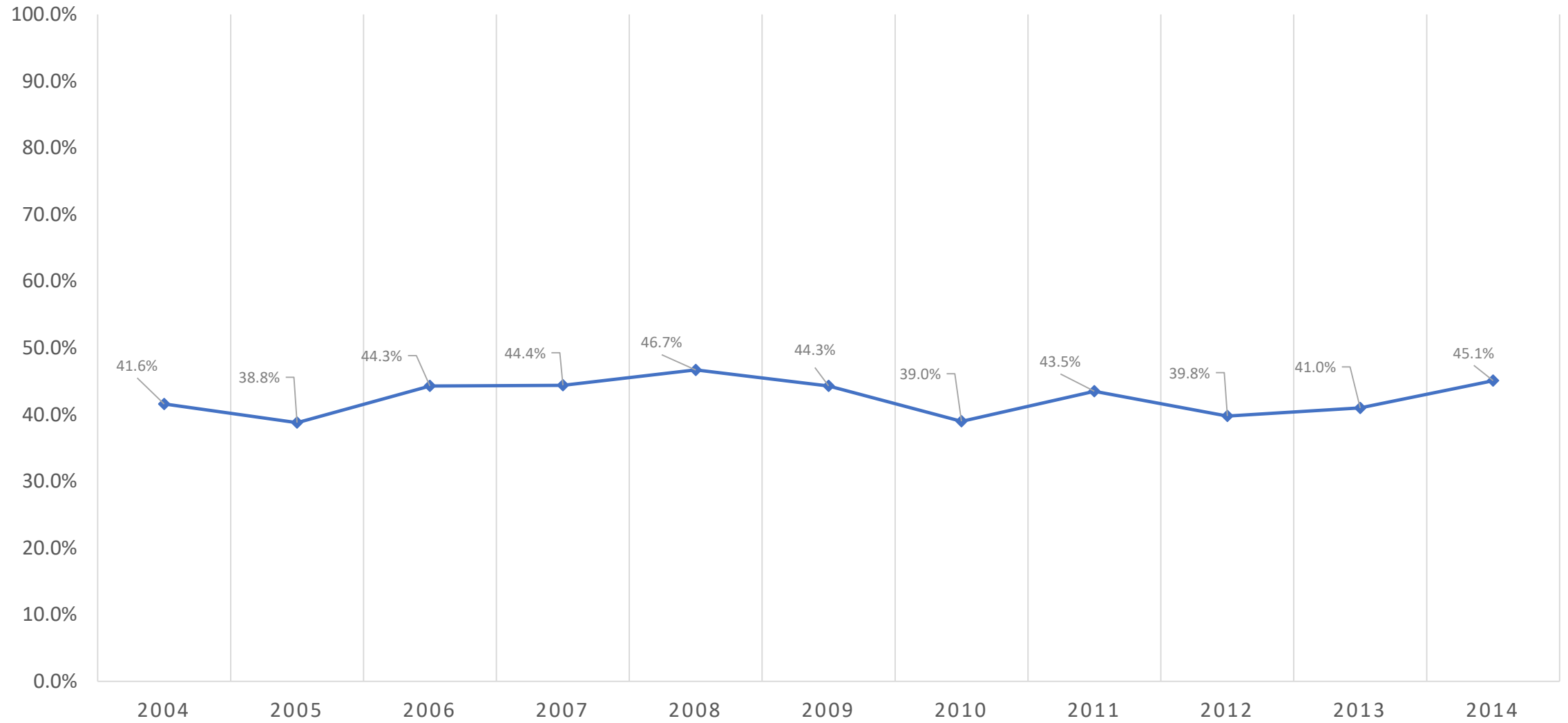
All																								
	Cohort	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Four-year Total	Four-year Rate (%)	Five-year Total	Five-year Rate (%)	Six-year Total	Six-year Rate (%)	
2004	798		1	2	137	156	36	8	5	1	2	1		1	1	2	1	140	17.5	296	37.1	332	41.6	
2005	850			2	3	127	159	39	19	4	3	1	2		3		2	132	15.5	291	34.2	330	38.8	
2006	752					7	143	149	34	10	4	3	2	3		1	1	150	19.9	299	39.8	333	44.3	
2007	916					3	5	176	180	43	12	7	3	2	5	1	1	184	20.1	364	39.7	407	44.4	
2008	884						3	13	181	185	31	13	8	2	3	2	1	197	22.3	382	43.2	413	46.7	
2009	933								7	215	153	38	11	6	6	2	4	222	23.8	375	40.2	413	44.3	
2010	1039								1	10	193	158	43	12	6	6	2	204	19.6	362	34.8	405	39	
2011	979									1	9	204	169	43	21	10	3	214	21.9	383	39.1	426	43.5	
2012	1000										3	11	189	140	55	13	7	203	20.3	343	34.3	398	39.8	
2013	826											1	14	182	111	31	17	197	23.8	308	37.3	339	41	
2014	834												1	15	194	121	45	210	25.2	331	39.7	376	45.1	
2015	911													5	24	221	153	250	27.4	403	44.2			
2016	860														5	25	226	256	29.8					
2017	711															5	30							
2018	781																1							
2019	751																							
2020	669																							

How have six-year graduation rates changed over time?

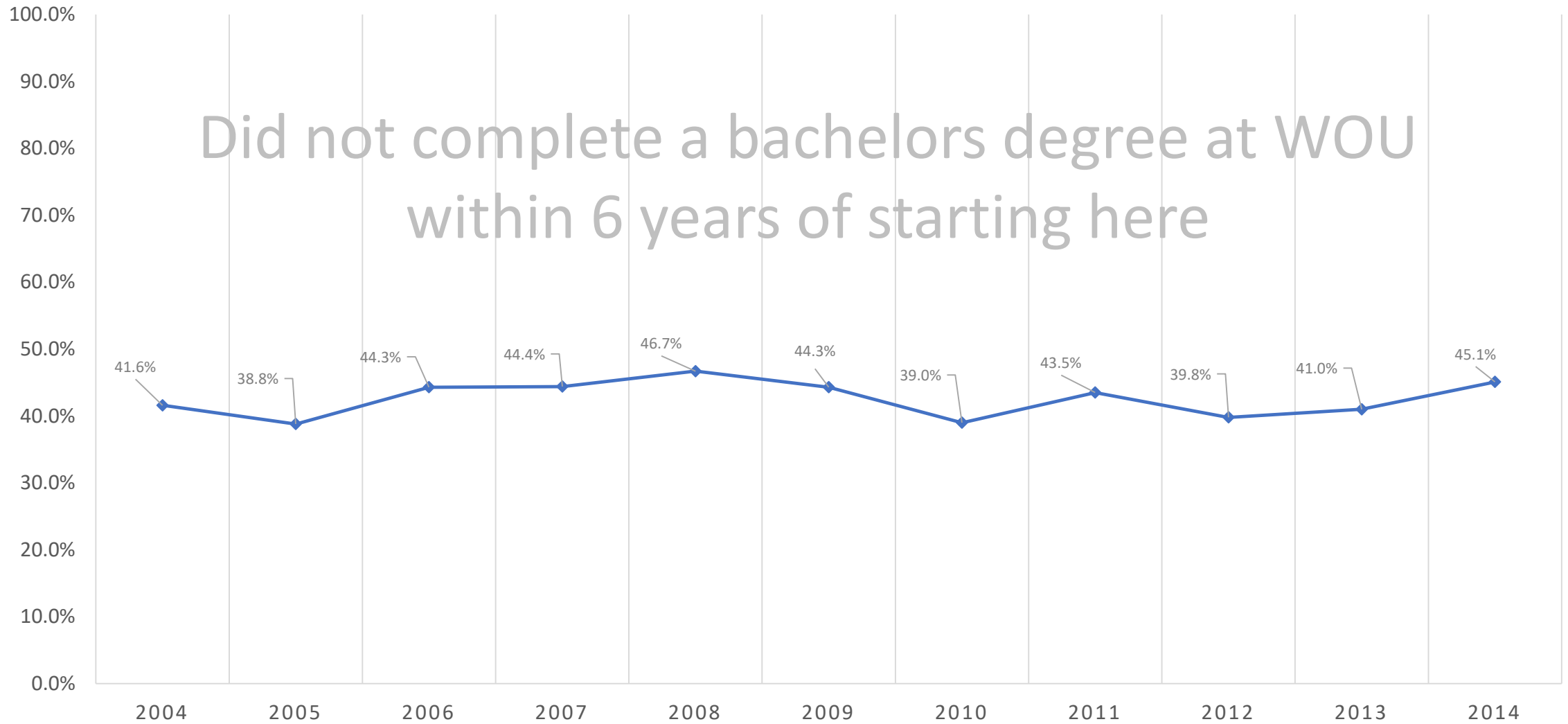
6 year graduation rate for first time, full time students, by cohort, 2004 – 2014 cohorts



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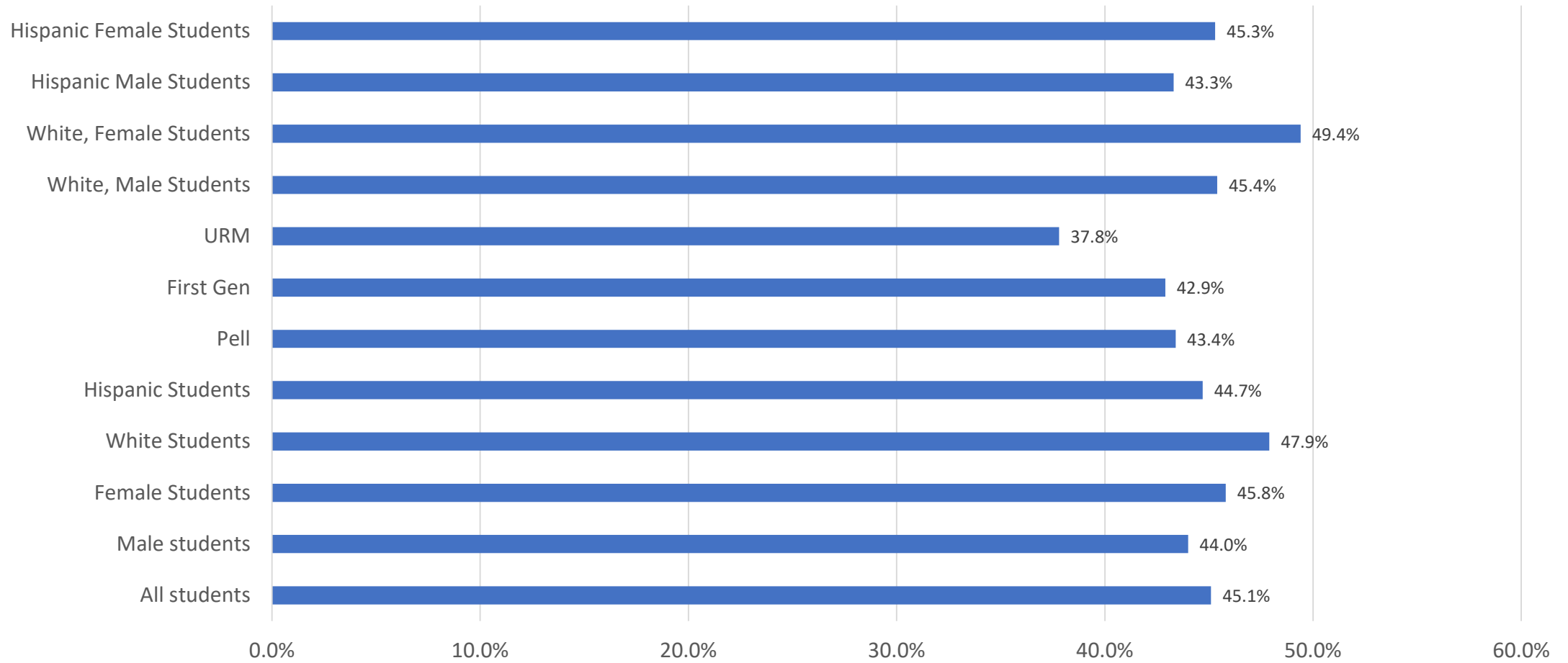


Is student success, as measured by six-year graduation rates, equitably distributed?



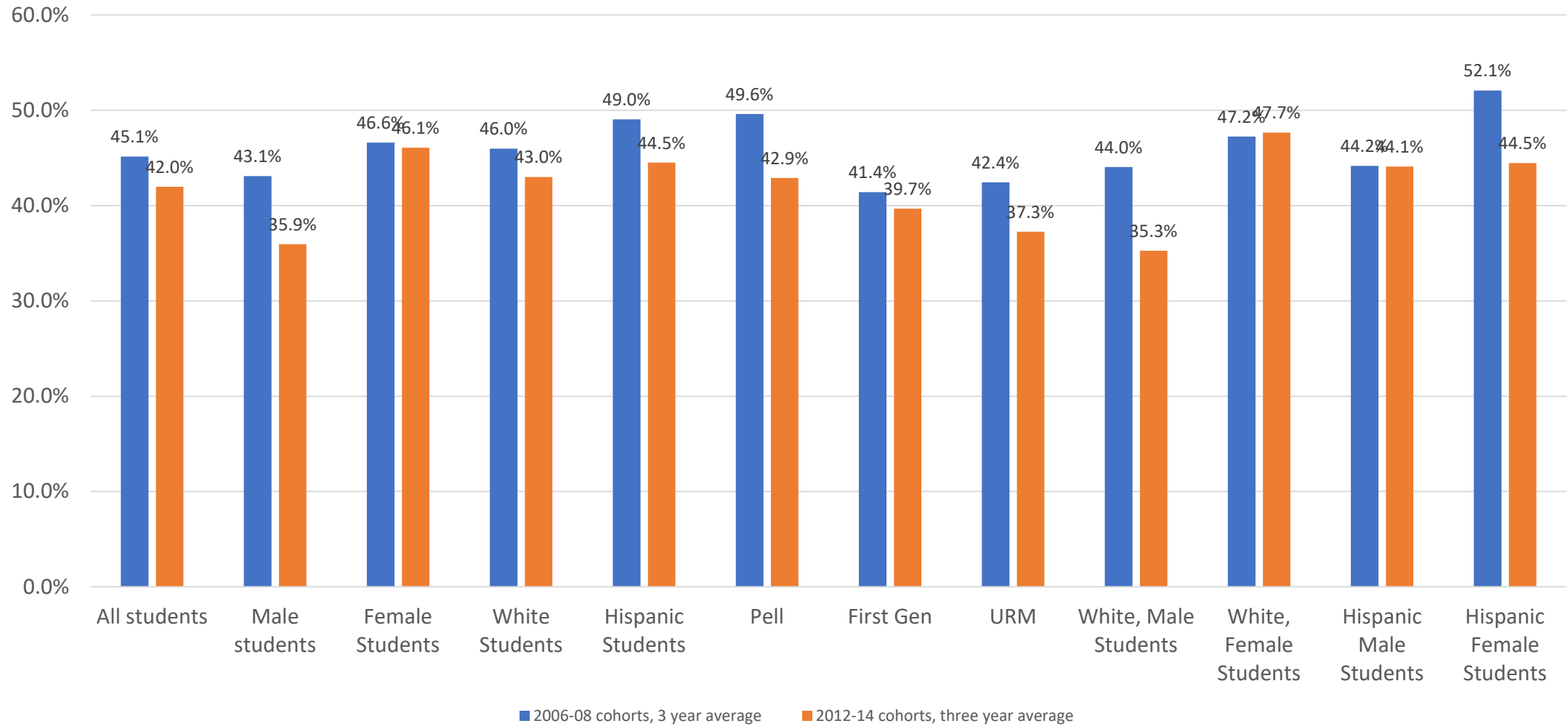
*Most recent data....class of 2020 (2014 cohort)*

6 year graduation rate, 2014 cohort of first-time, full time students



How is the six-year graduation rate **changing** over time for different *groups* of students?

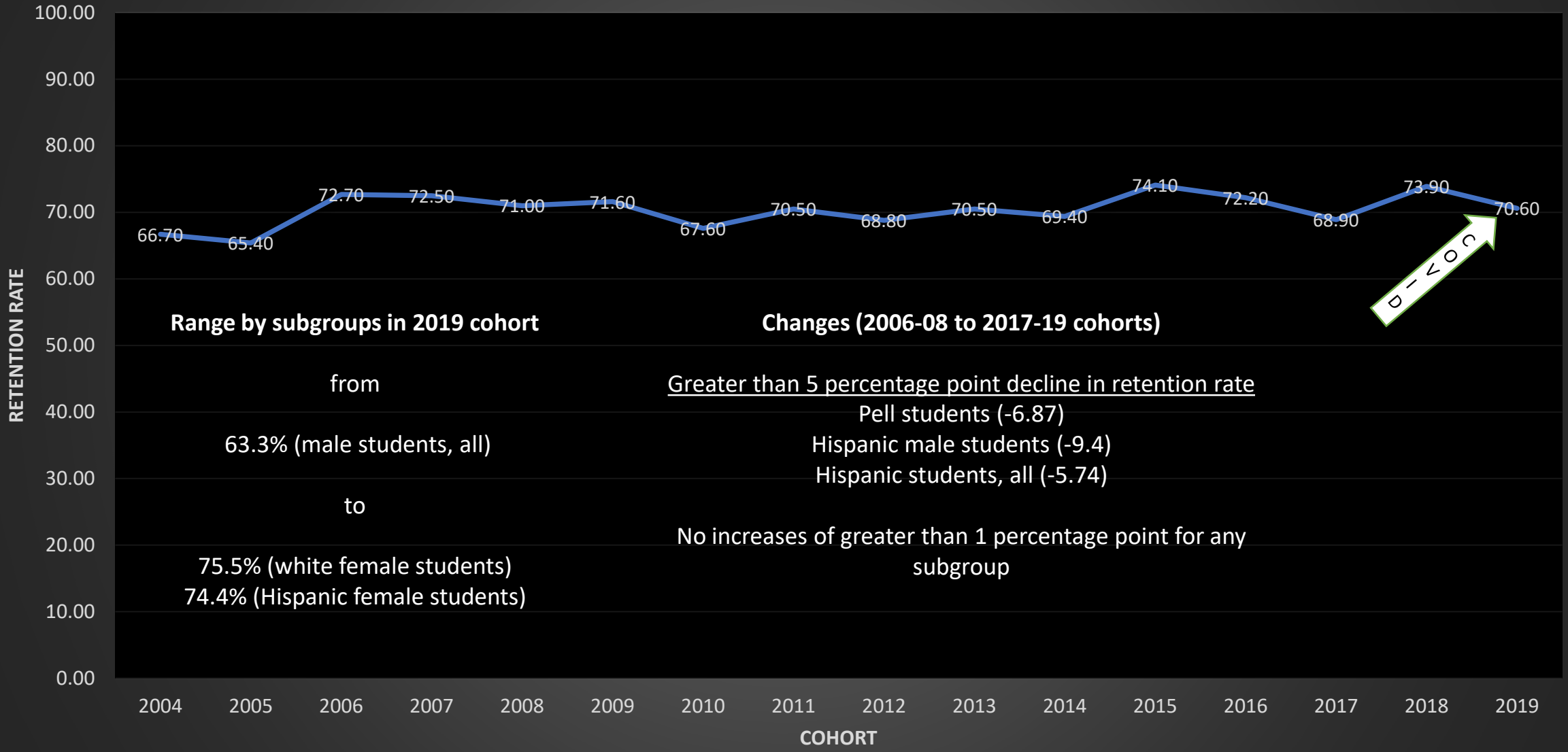
6-year graduation rates for 2006-08 and 2012-14 cohorts of first-time, full-time students



## Components of the 6-year graduation rate

- First → second year retention rate
- Four-year graduation rate

# First to second year retention, first-time full-time students, by cohort, 2004-19 cohorts



## Range by subgroups in 2019 cohort

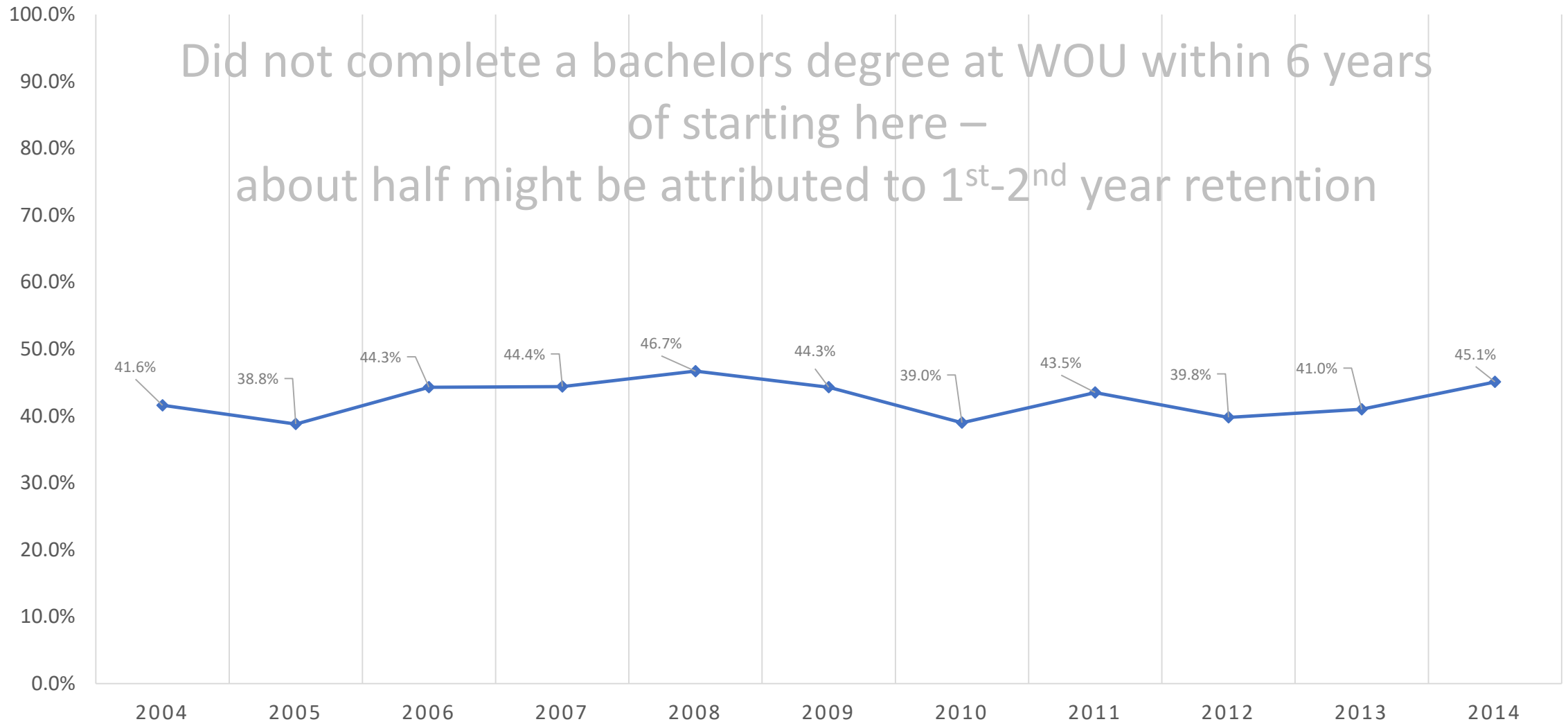
from  
63.3% (male students, all)  
to  
75.5% (white female students)  
74.4% (Hispanic female students)

## Changes (2006-08 to 2017-19 cohorts)

Greater than 5 percentage point decline in retention rate  
Pell students (-6.87)  
Hispanic male students (-9.4)  
Hispanic students, all (-5.74)  
  
No increases of greater than 1 percentage point for any subgroup

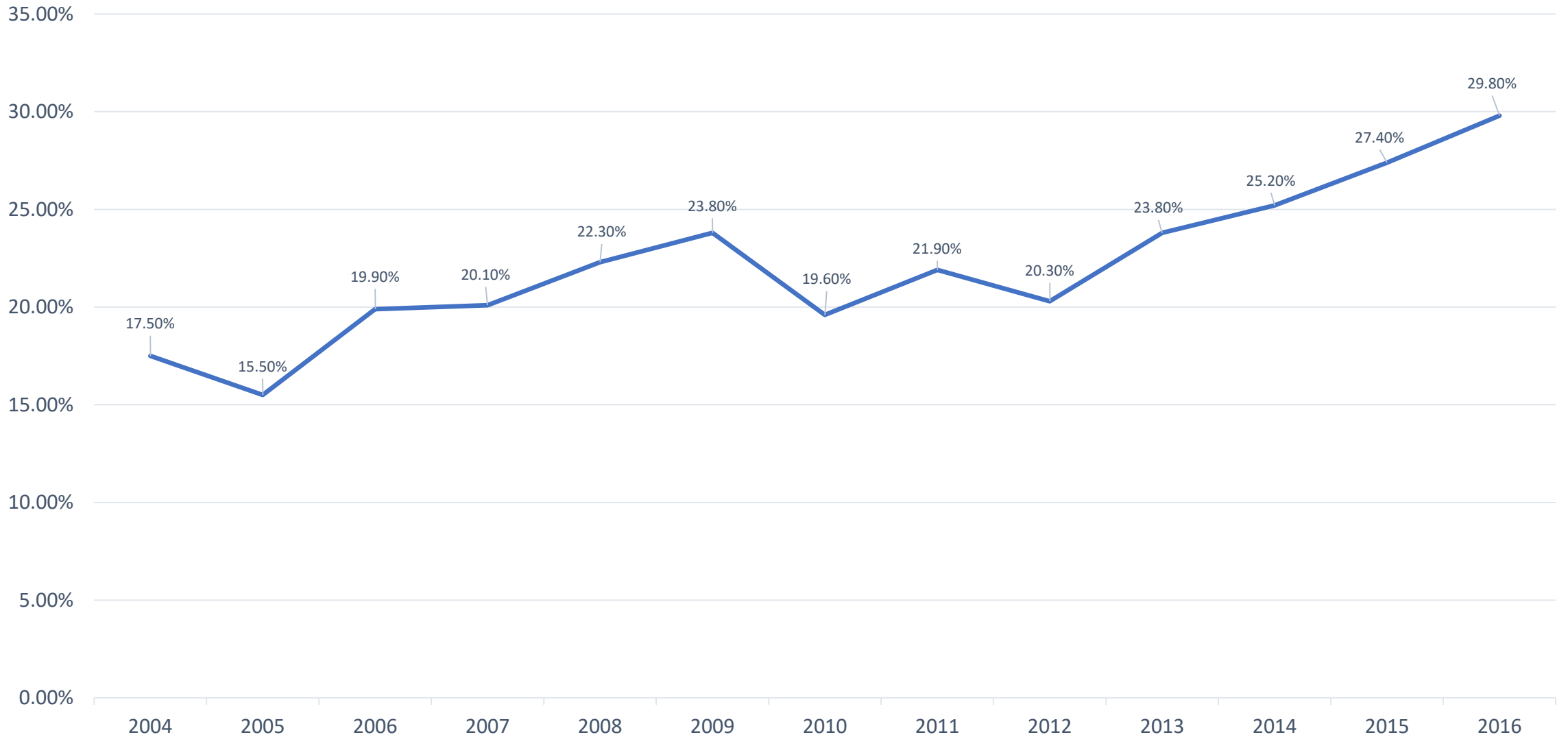


6 year graduation rate for first time, full time students, by cohort, 2004 – 2014 cohorts



How have four-year graduation rates changed over time?

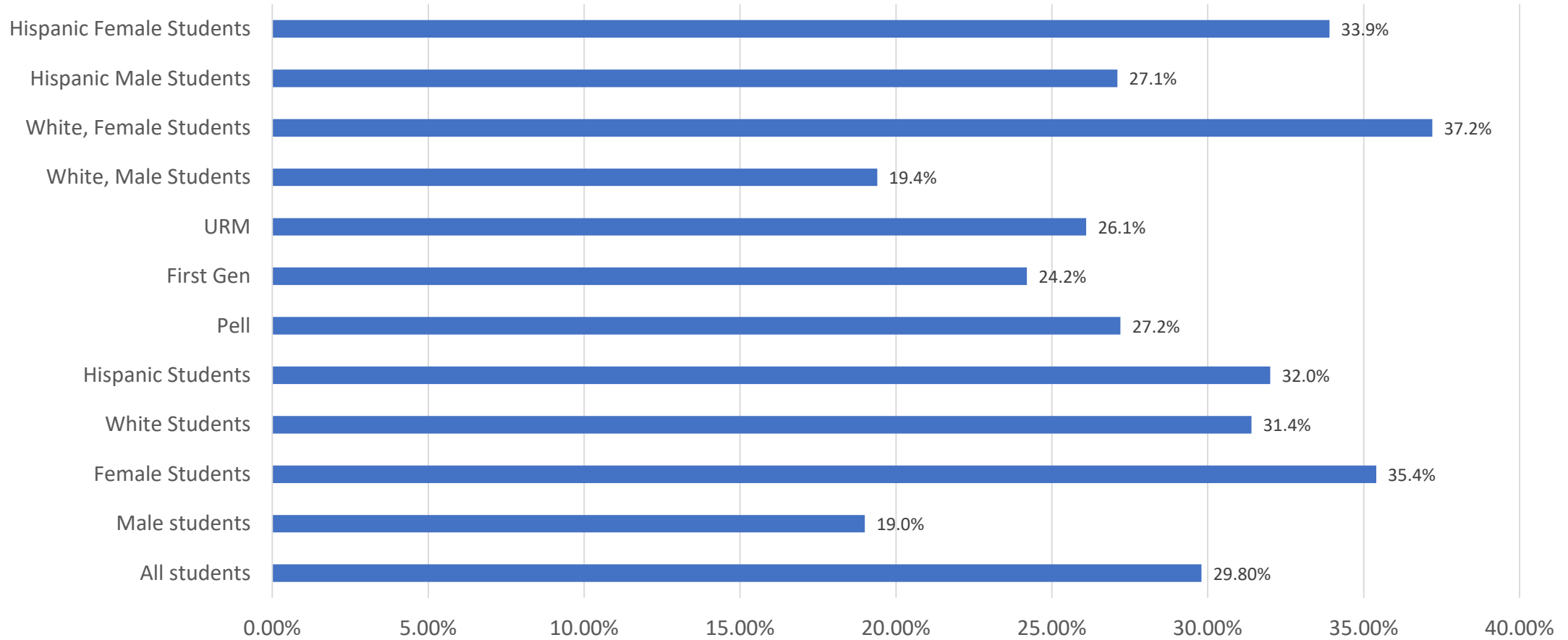
### Four year graduation rate for first-time full-time students, by cohort, all students



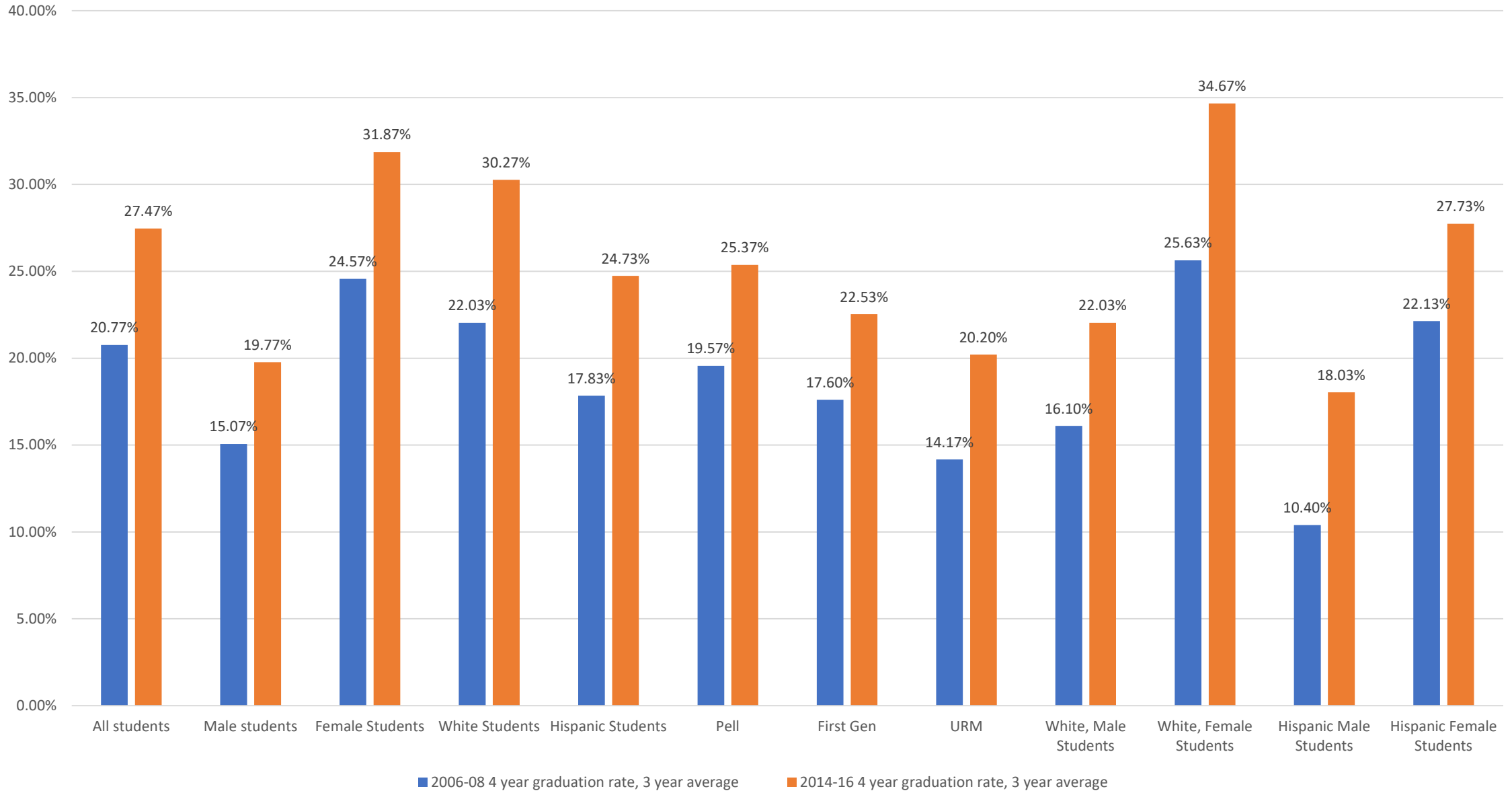


Is student success, as measured by  
four-year graduation rates, equitably  
distributed?

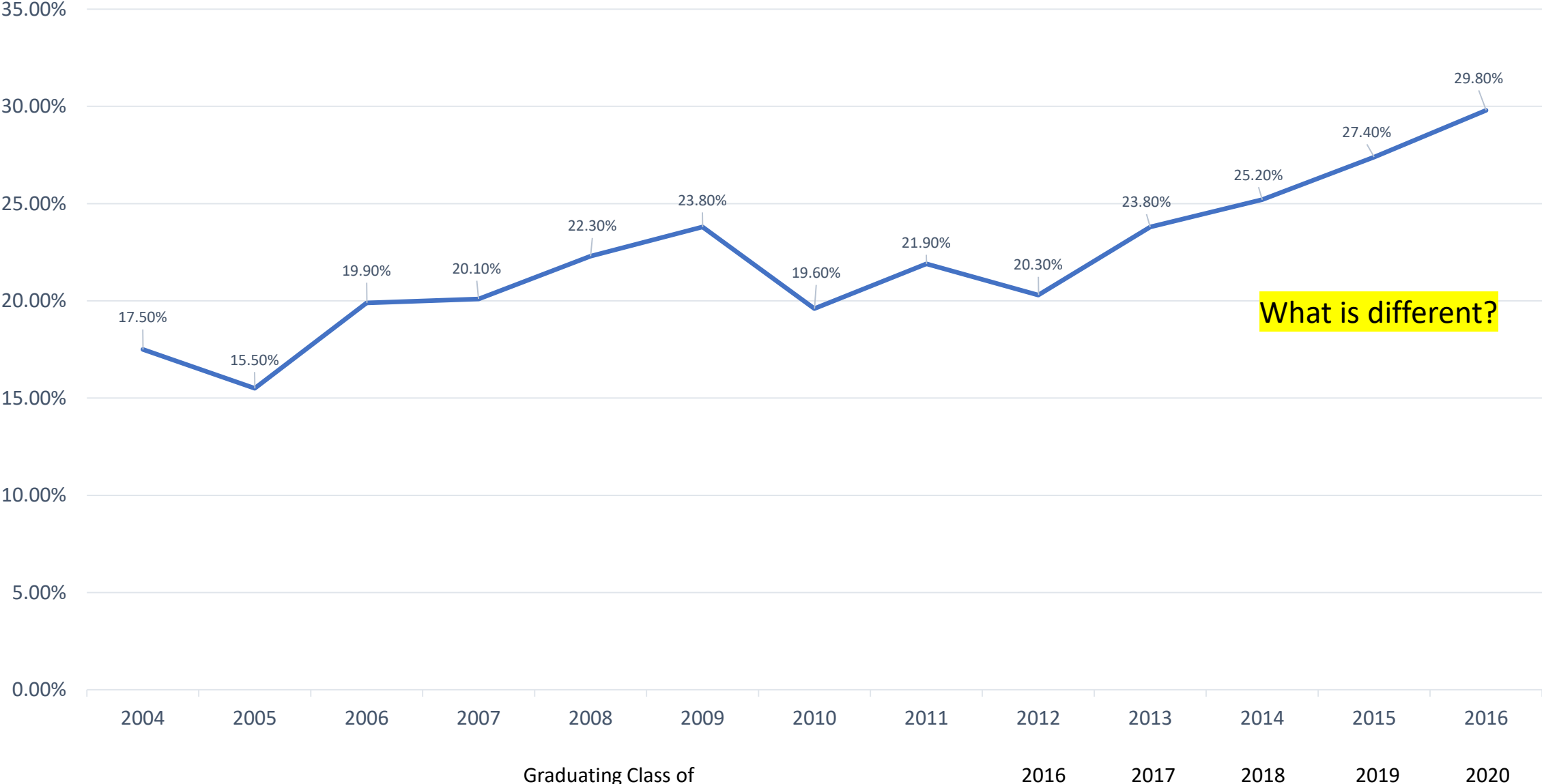
### 4-year graduation rates for 2016 cohort of first-time full-time students



4-year graduation rates for 2006-08 and 2012-14 cohorts of first-time, full-time students

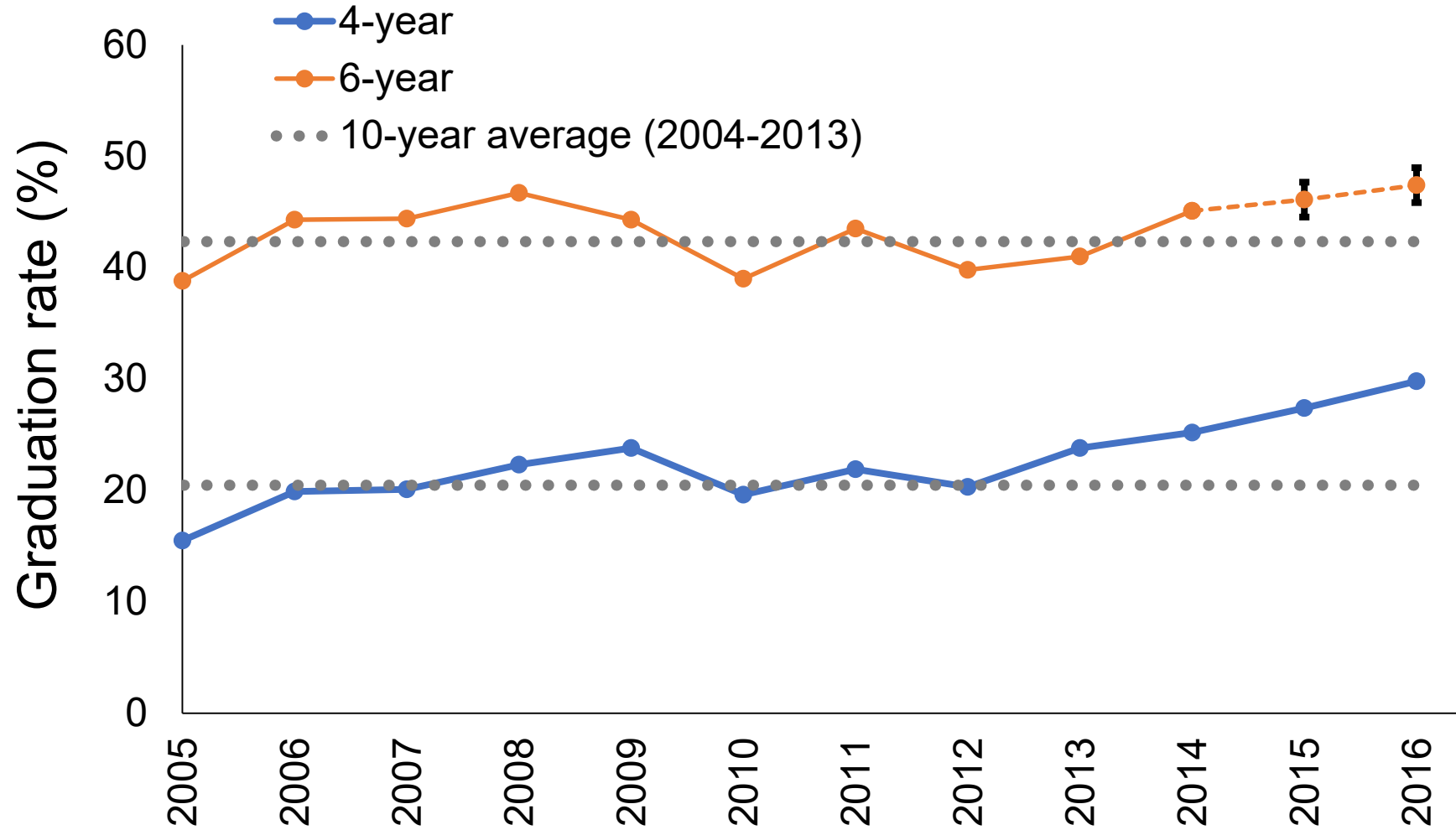


Four year graduation rate for first-time full-time students, by cohort, all students



Can 4-year graduation rates help us  
predict future 6-year graduation rates  
(all else being equal)?

# 4-and 6-year Graduation Rates with Projections and Averages



In the future

- Continued focus on equitable gains
- Transfer graduation rates
- Benchmarking against peer comparators

Other questions we should ask?