

HIGHER EDUCATION AND EARLY CHILDHOOD LANDSCAPE IN ILLINOIS

ERIC LICHTENBERGER
ILLINOIS BOARD OF HIGHER EDUCATION



Agenda

- Newly released outmigration information!!!
 - [IBHE Outmigration Report](#)
 - [IWERC College Going Survey Analysis](#)
- Illinois as the national transfer leader
 - Threats to Illinois' transfer success
 - New information available within IBHE Transfer Dashboards
- Early childhood enrollment trends
- ECACE Reporting Update

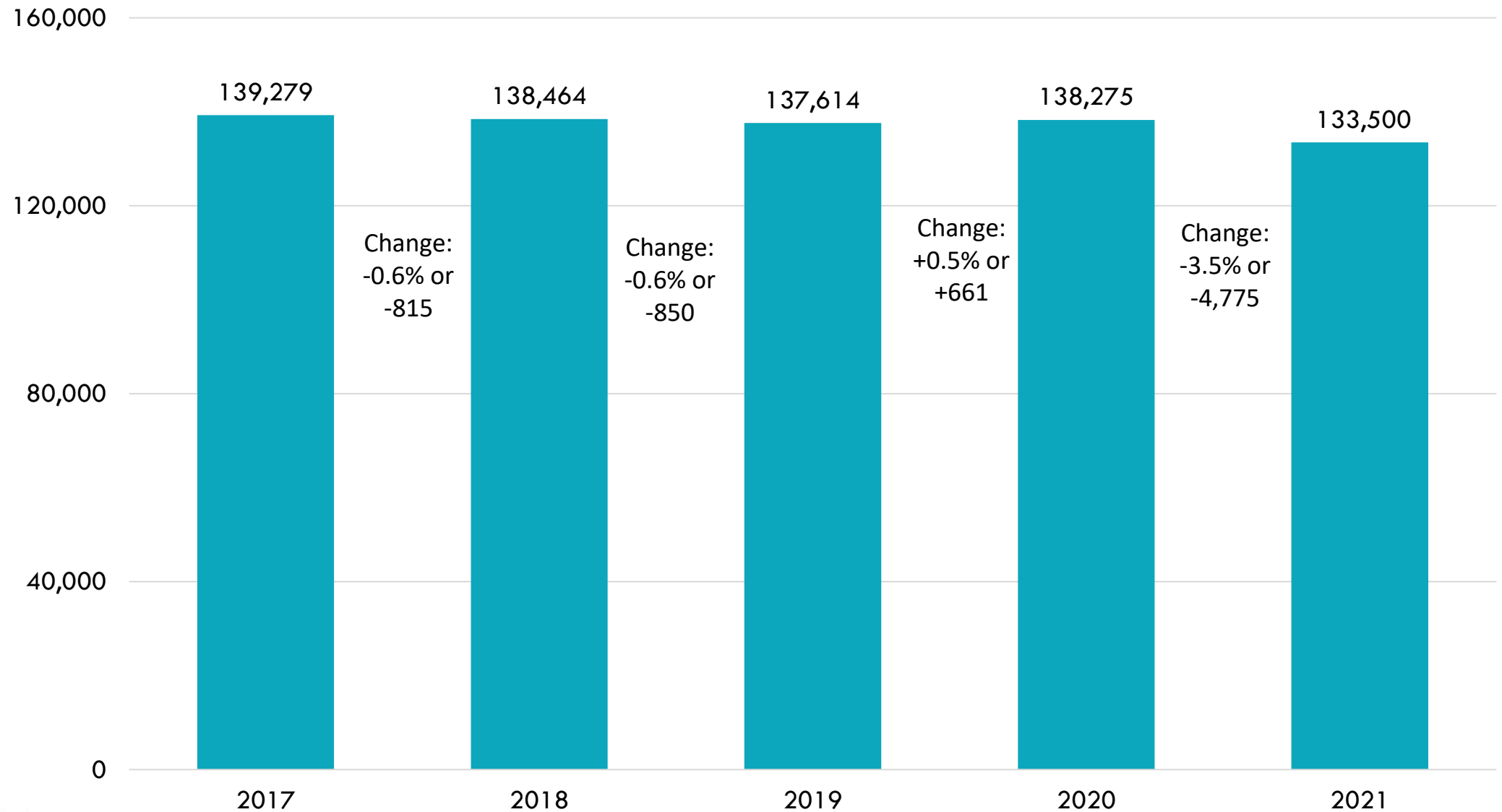


Outmigration among Illinois Public High School Graduates



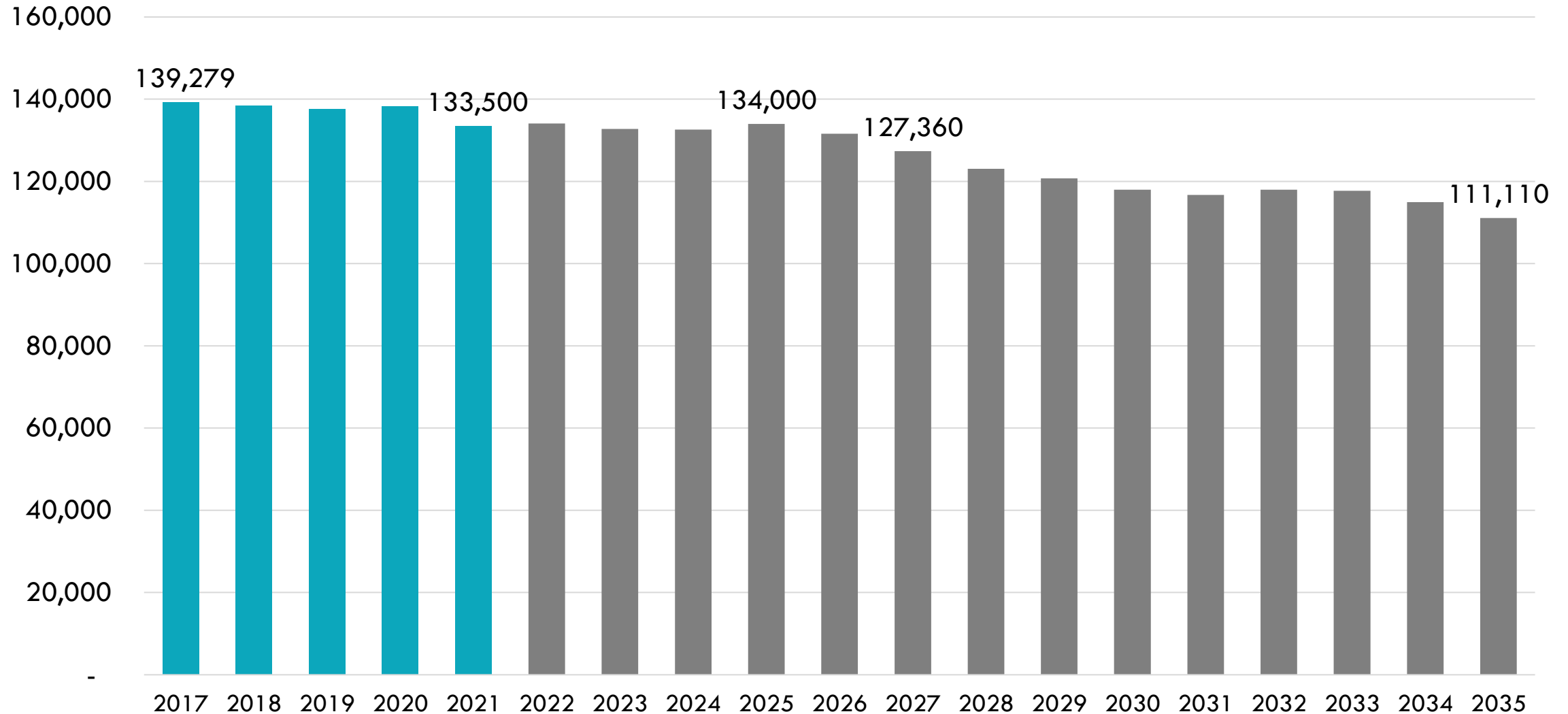
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The number of public high school graduates in Illinois declined in 2021



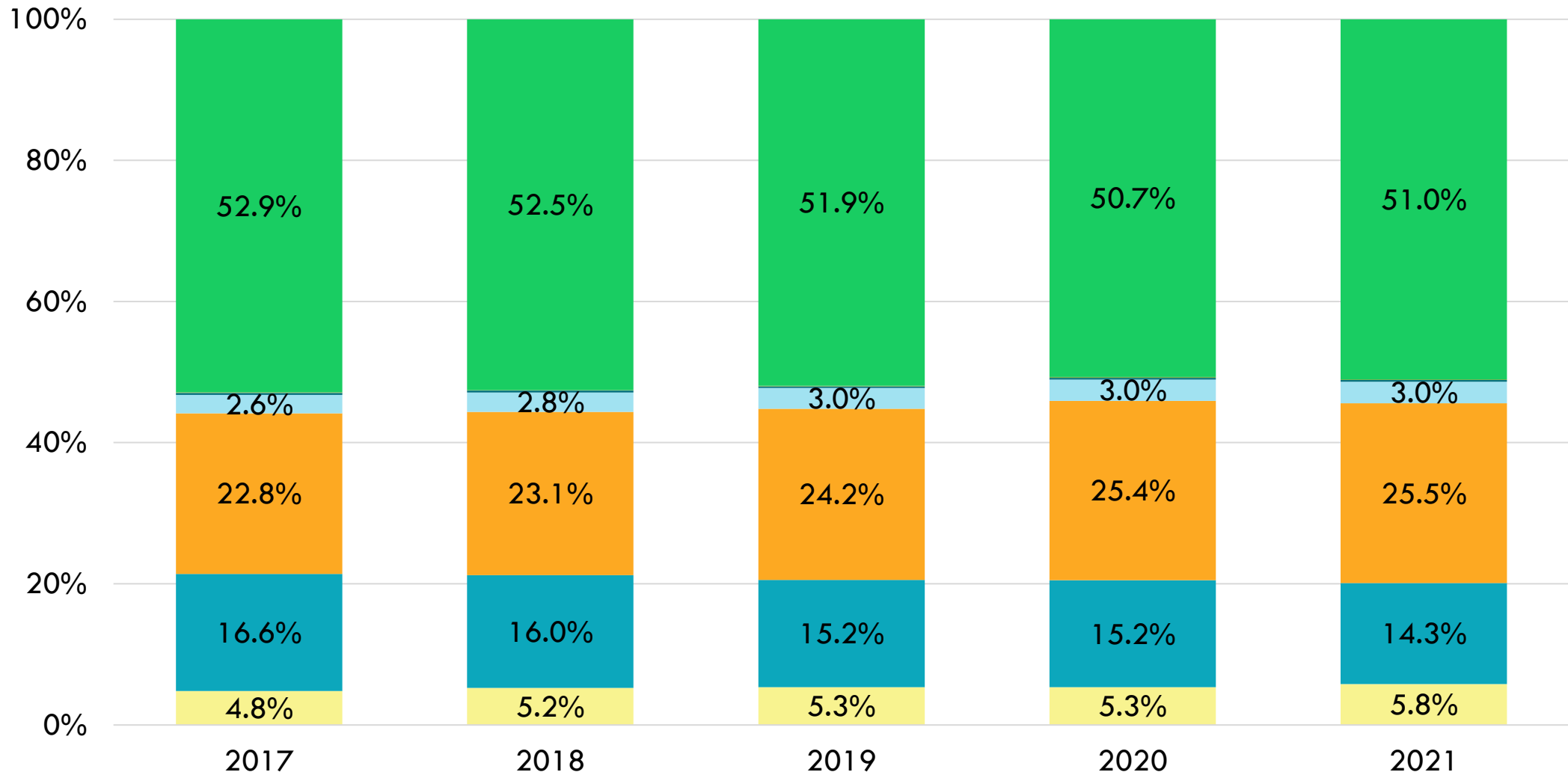
Source: Illinois State Board of Education

With robust projected declines in Illinois public high school graduates beginning in the near-term future



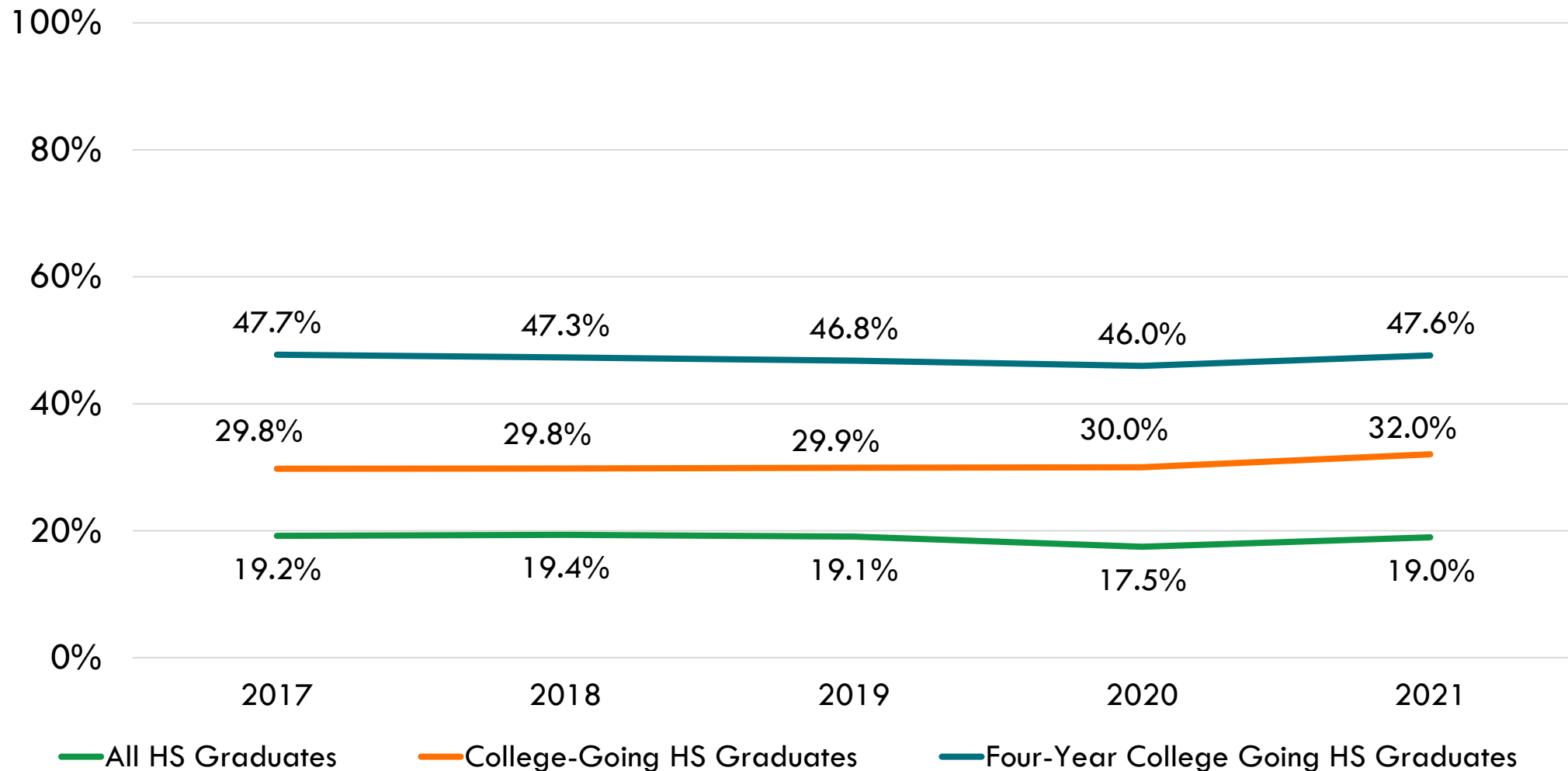
Source: Illinois State Board of Education with projections for 2022-2035 from WICHE

Illinois public high school graduates increasingly Latino

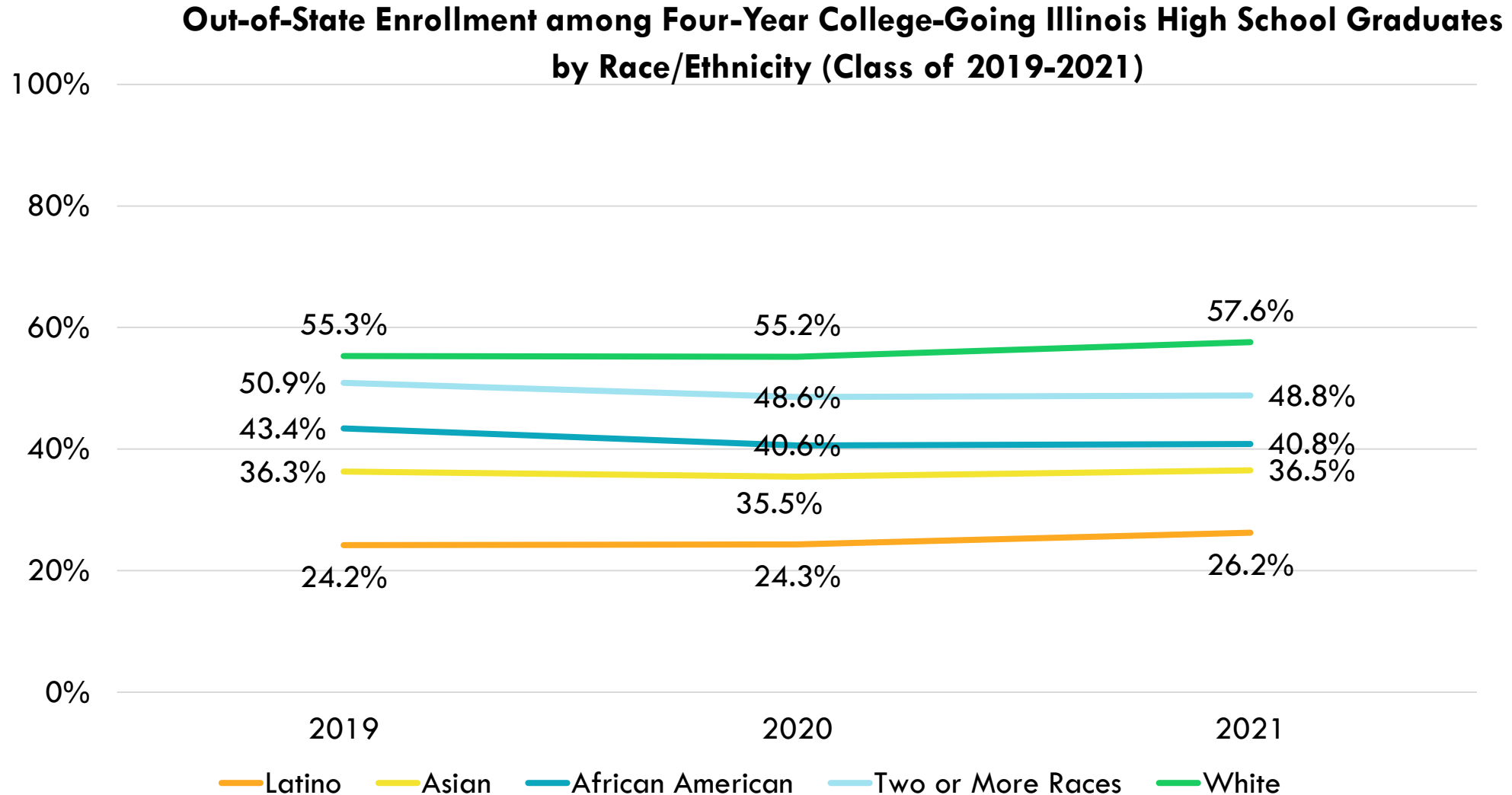


Rate of outmigration among recent IL high school graduates increased after three years of improvement

Percent of Recent Illinois Public High School Graduates Enrolled Out-of-State

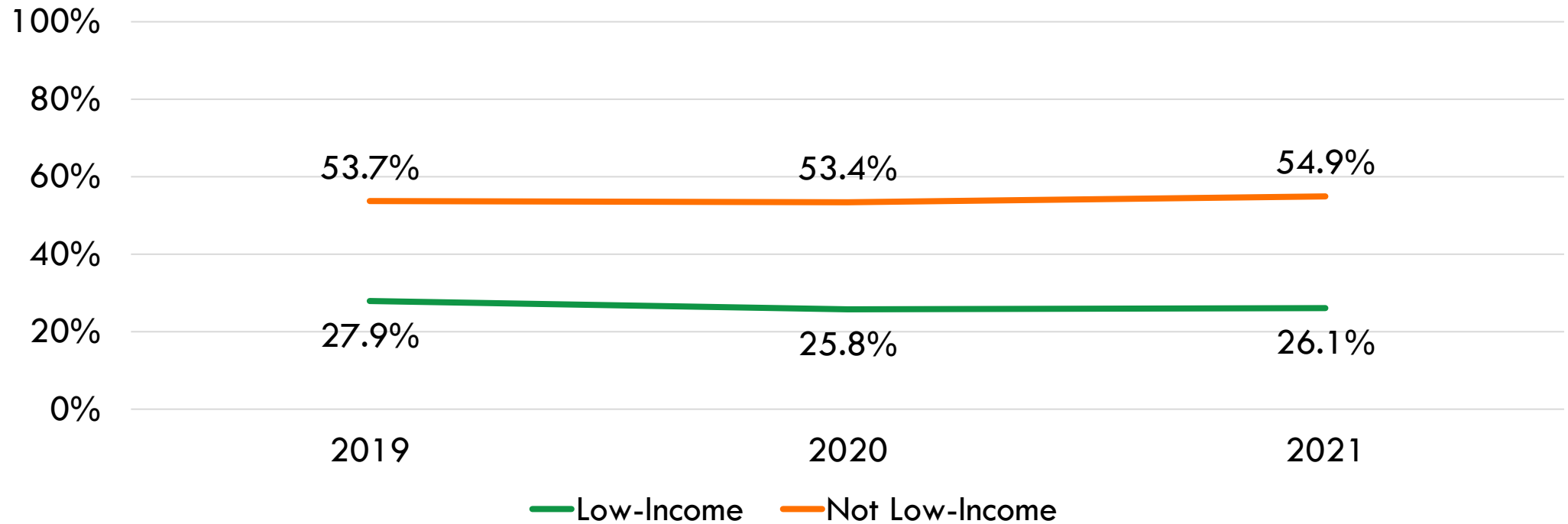


Wide variation in the rate of outmigration by race/ethnicity with 57.6% of four-year college going white high school graduates enrolling outside Illinois



There are large differences in rates of out-of-state enrollment by income status

Out-of-State Enrollment among Four-Year, College-Going Illinois Public High School Graduates by Income Status



Source: ISBE

Surrounding states (plus Ohio) account for about 55% of Illinois outmigrants from public high schools, with recent growth in three warm weather states (FL, CA, and AZ).

Top 10 Destination States for 2021 Illinois Public High School Graduates Enrolling at Four-Year Colleges

State	#	Share
Indiana	3,144	12.4%
Wisconsin	2,873	11.4%
Iowa	2,693	10.6%
Missouri	2,233	8.8%
Michigan	1,653	6.5%
Ohio	1,182	4.7%
Florida	937	3.7%
California	874	3.5%
Kentucky	760	3.0%
Arizona	735	2.9%



Source: ISBE

Some states in the Mid-Atlantic and Southern regions experienced the largest recent growth in outmigrants from Illinois public high schools

Top Five Destination States* for Growth in Illinois Public High School Graduates Enrolling at Four-Year Colleges (2017 to 2021)

Percent Increase		Number Increase	
Maryland	66.7%	Florida	248
North Carolina	54.9%	Arizona	185
Georgia	40.2%	Georgia	137
Louisiana	36.6%	Tennessee	137
Florida	36.0%	Kentucky	134

**Only includes states that enrolled 100 or more Illinois HS Graduates from 2021*



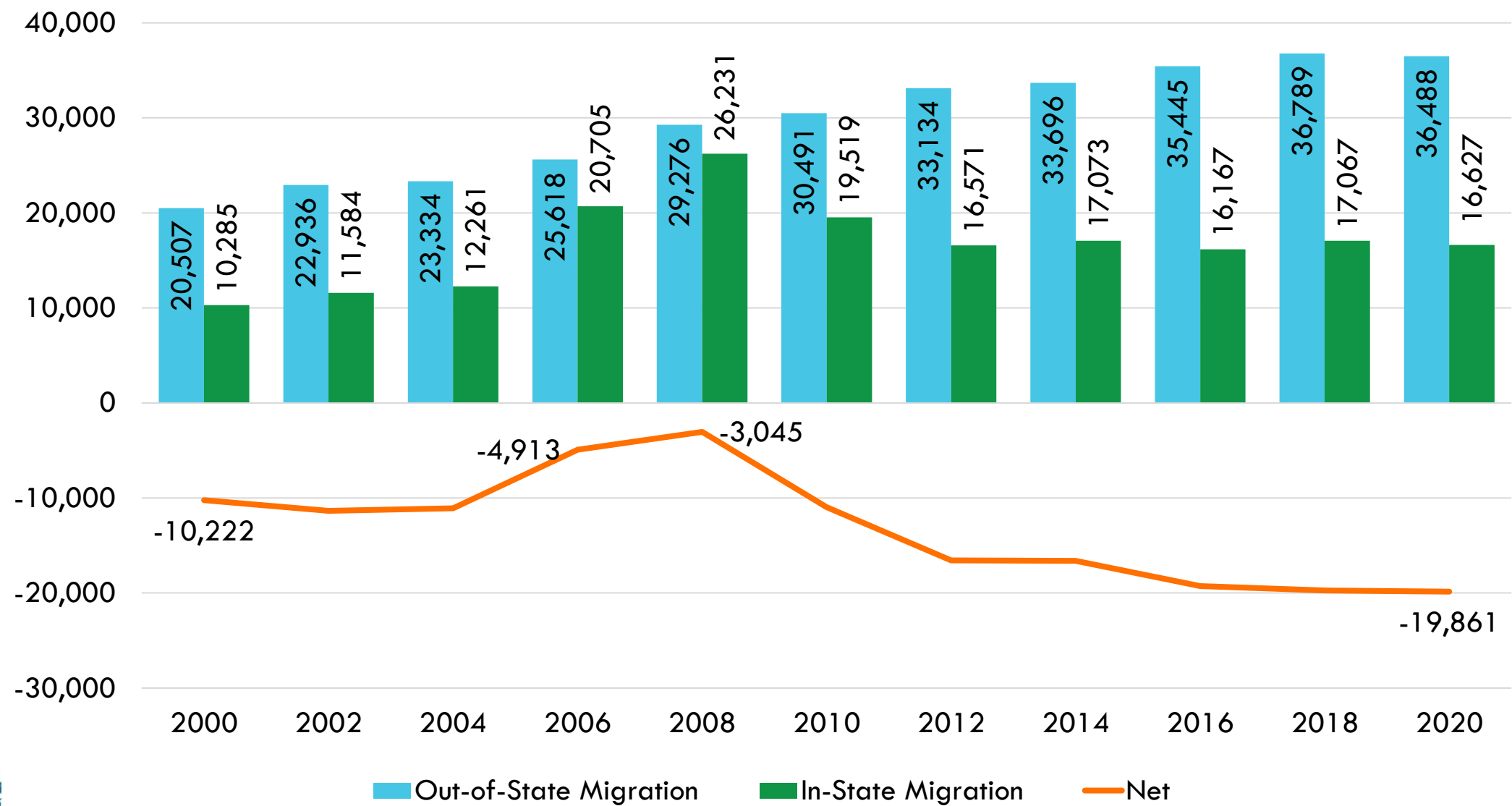
Source: ISBE

Outmigration among College Freshmen from Illinois (and elsewhere)



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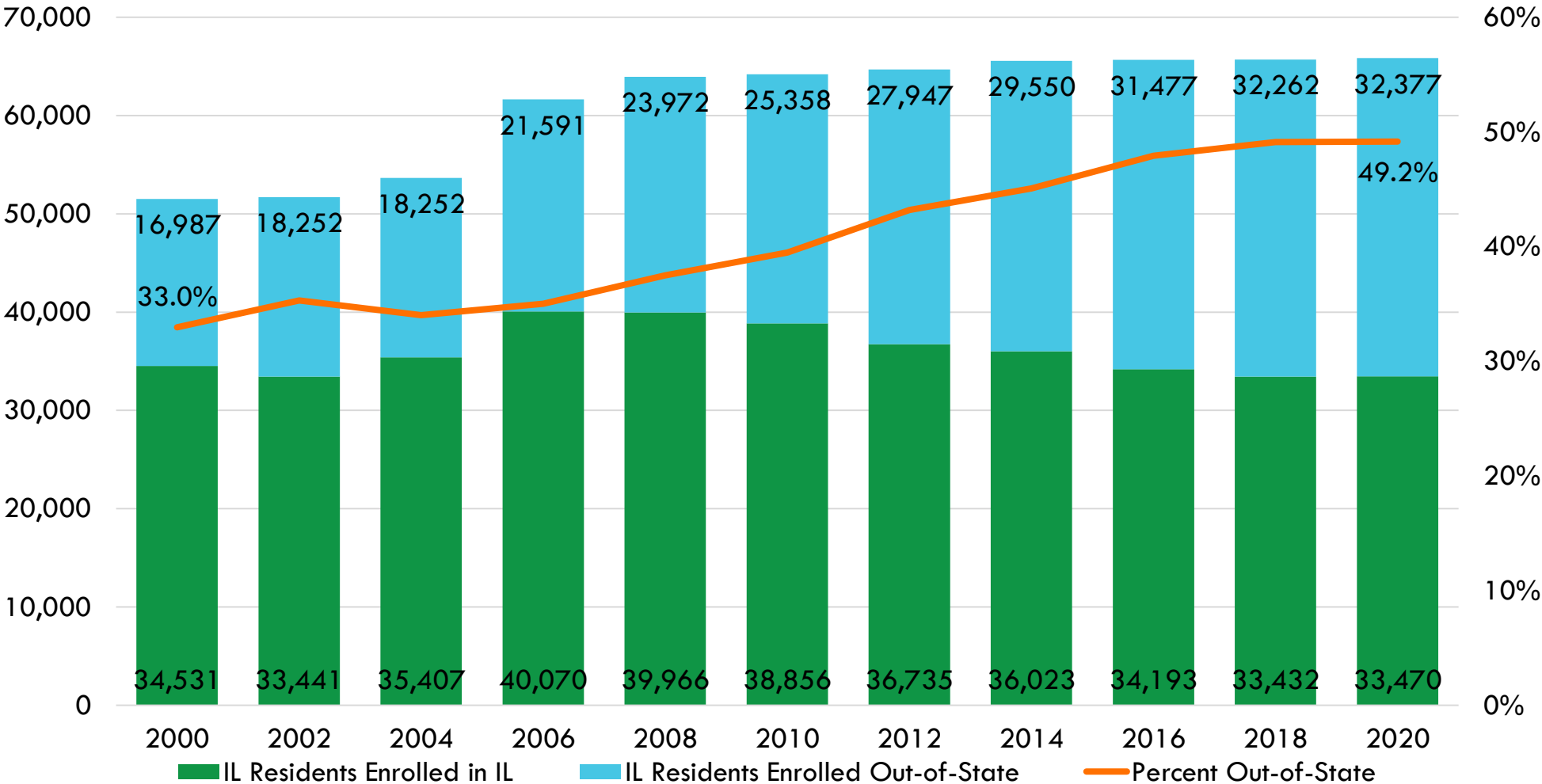
Illinois continues to be among the states with the greatest net loss of college freshmen (a net loss of nearly 20,000).



Source: IPEDS Residence and Migration Survey Fall Enrollment. Includes private and private high school graduates

Nearly half of the college freshmen from Illinois enrolled at four-year colleges are at out-of-state institutions.

ENROLLMENT AMONG ILLINOIS RESIDENTS WHO RECENTLY GRADUATED HIGH SCHOOL AND ENROLLED AS COLLEGE FRESHMEN AT FOUR-YEAR INSTITUTIONS



Source: IPEDS Residence and Migration Survey Fall Enrollment. Includes private and private high school graduates

Out-of-state Schools Enrolling Freshmen from Illinois

State	Institution	New Freshmen from IL	New Freshmen from IL/ Recent HS Grads
IA	University of Iowa	1225	1219
MO	University of Missouri-Columbia	896	892
IN	Indiana University-Bloomington	867	864
IN	Purdue University-Main Campus	768	761
WI	University of Wisconsin-Madison	763	753
IA	Iowa State University	762	762
WI	Marquette University	656	568
MO	Saint Louis University	533	531
MI	University of Michigan-Ann Arbor	442	438
KY	University of Kentucky	413	409
OH	Miami University-Oxford	412	406
WI	Carthage College	373	371
MI	Michigan State University	361	356
MI	Western Michigan University	359	350
OH	University of Dayton	354	351
AL	The University of Alabama	351	350
OH	Ohio State University-Main Campus	328	325
AZ	Arizona State University Campus Immersion	290	276
WI	University of Wisconsin-Whitewater	279	272
IN	Indiana State University	274	265



Source: IPEDS Residence and Migration Survey Fall Enrollment AY2020-21. Includes private and private high school graduates

Out-of-state Schools Enrolling Freshmen from Illinois continued

State	Institution	New Freshmen from IL	New Freshmen from IL/ Recent HS Grads
WI	University of Wisconsin-Milwaukee	271	264
KS	University of Kansas	258	257
NH	Southern New Hampshire University	255	0
OH	Eastern Gateway Community College	253	32
IN	Butler University	241	237
CO	University of Colorado Boulder	234	228
MO	Southeast Missouri State University	233	231
MI	Grand Valley State University	229	229
IN	University of Notre Dame	223	221
NE	University of Nebraska-Lincoln	220	218
AZ	University of Arizona	208	198
MN	University of Minnesota-Twin Cities	200	200
WI	University of Wisconsin-Platteville	197	194
IA	Saint Ambrose University	194	193
AZ	Grand Canyon University	188	154
KY	Murray State University	184	184
IN	Valparaiso University	171	167
MO	Washington University in St Louis	171	165
TN	Tennessee State University	166	149
MO	Missouri State University-Springfield	159	158
WI	Carroll University	158	158



Source: IPEDS Residence and Migration Survey Fall Enrollment AY2020-21. Includes private and private high school graduates

Out-of-state Schools Enrolling Freshmen from Illinois continued

State	Institution	New Freshmen from IL	New Freshmen from IL/ Recent HS Grads
TN	The University of Tennessee-Knoxville	154	153
IA	Drake University	150	150
WI	Milwaukee School of Engineering	140	136
CA	University of Southern California	137	134
IA	University of Dubuque	135	135
IA	Loras College	135	134
DC	Howard University	133	133
KY	University of Louisville	133	133
IN	Ball State University	132	127
LA	Tulane University of Louisiana	127	122
MO	Maryville University of Saint Louis	126	124
CO	Colorado State University-Fort Collins	124	119
MS	University of Mississippi	123	122
NY	New York University	122	117
TN	Belmont University	116	114
IN	Purdue University Northwest	116	114
IN	Ivy Tech Community College	114	44
CO	Colorado Technical University-Colorado Springs	108	11
MO	Lindenwood University	107	99
MI	Northern Michigan University	105	102
MO	Ranken Technical College	105	58



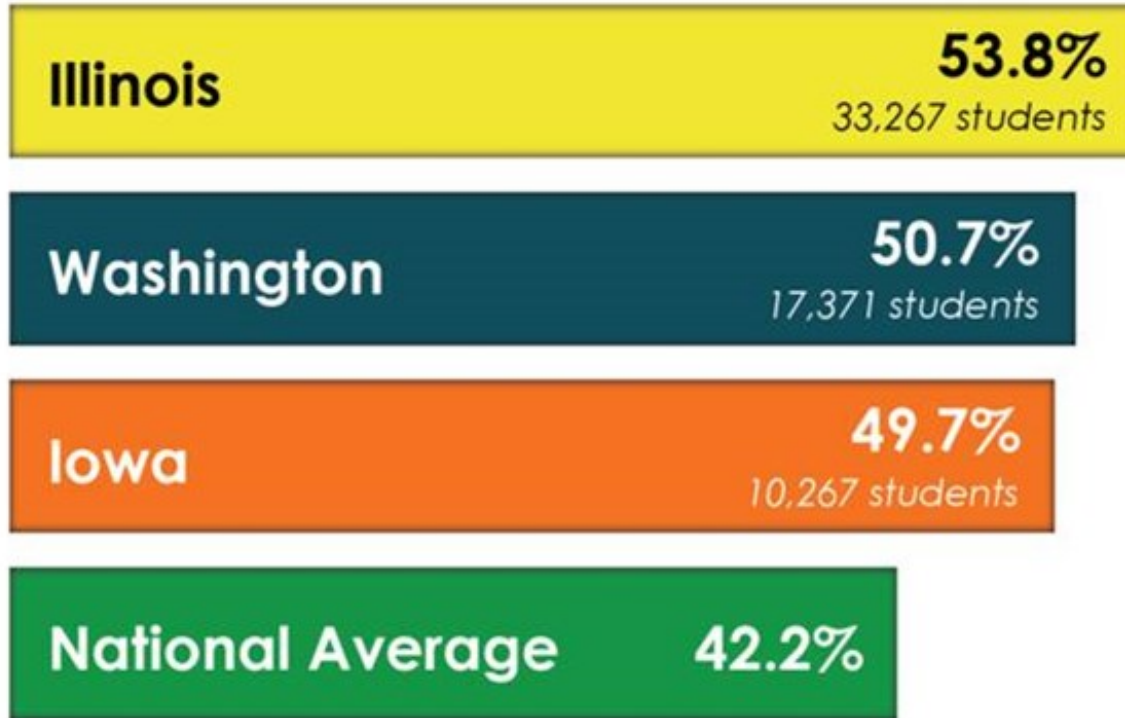
Source: IPEDS Residence and Migration Survey Fall Enrollment AY2020-21. Includes private and private high school graduates

Illinois is a National Transfer Leader



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Illinois has had some great comparative success in the transfer space.



The last time it was measured nationally, Illinois was ranked #1 in bachelor's degree completion among community college students who transfer to 4-year institutions.



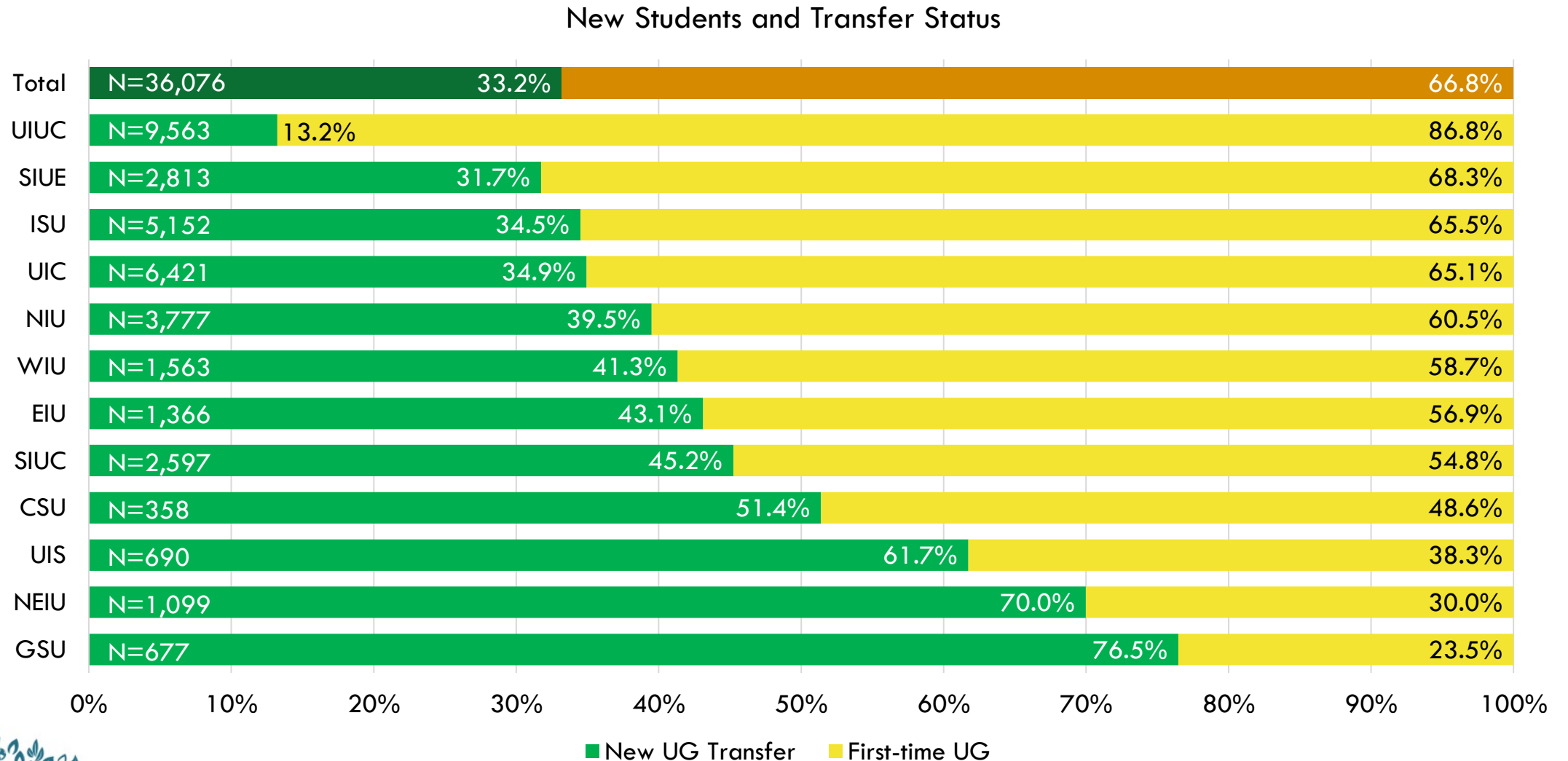
Source: National Student Clearinghouse Research Center report, *Tracking Transfer*

Additional Context for Leading States

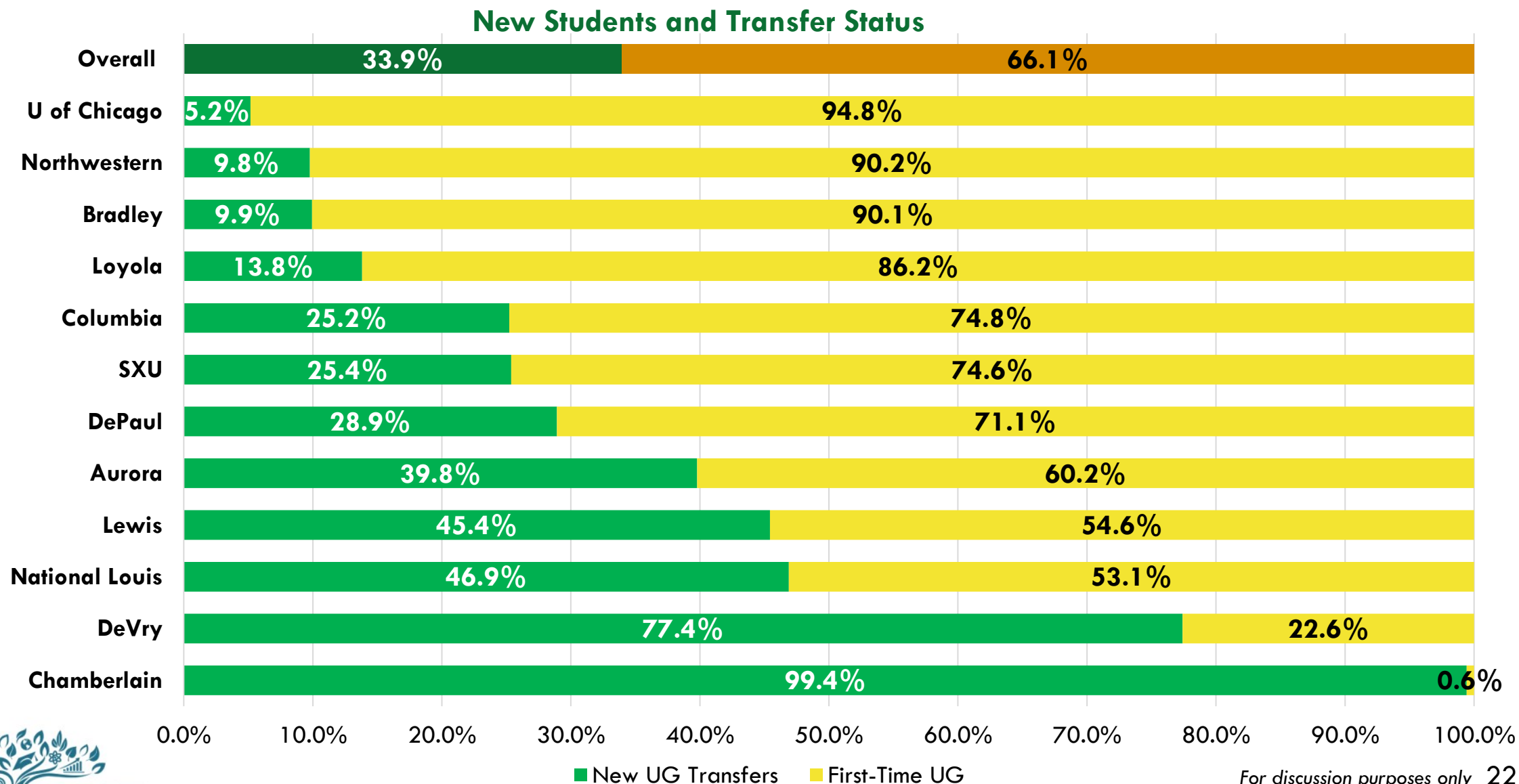
State-wide Comparison of Illinois, Washington, and Iowa			
	Illinois	Washington	Iowa
Community Colleges	48	33	14
Community College Cohort	33,267	17,371	10,267
Rate of Transfer-Out	35.0%	27.8%	30.5%
Public Universities	12	6	3
Transfer-in Students	6,233	3,600	1,845
Private Nonprofit Colleges	58	15	30
Transfer-in Students	4,072	514	1,158



Transfer students are a significant proportion of new undergraduates at public universities and comprise over three quarters of new students at GSU.



Transfer students are also a significant proportion of new undergraduates at Illinois private colleges and universities with lots of variation.



Source: IHEIS Fall Enrollment AY 2021-2022 for the 12 private colleges with the largest undergraduate enrollments

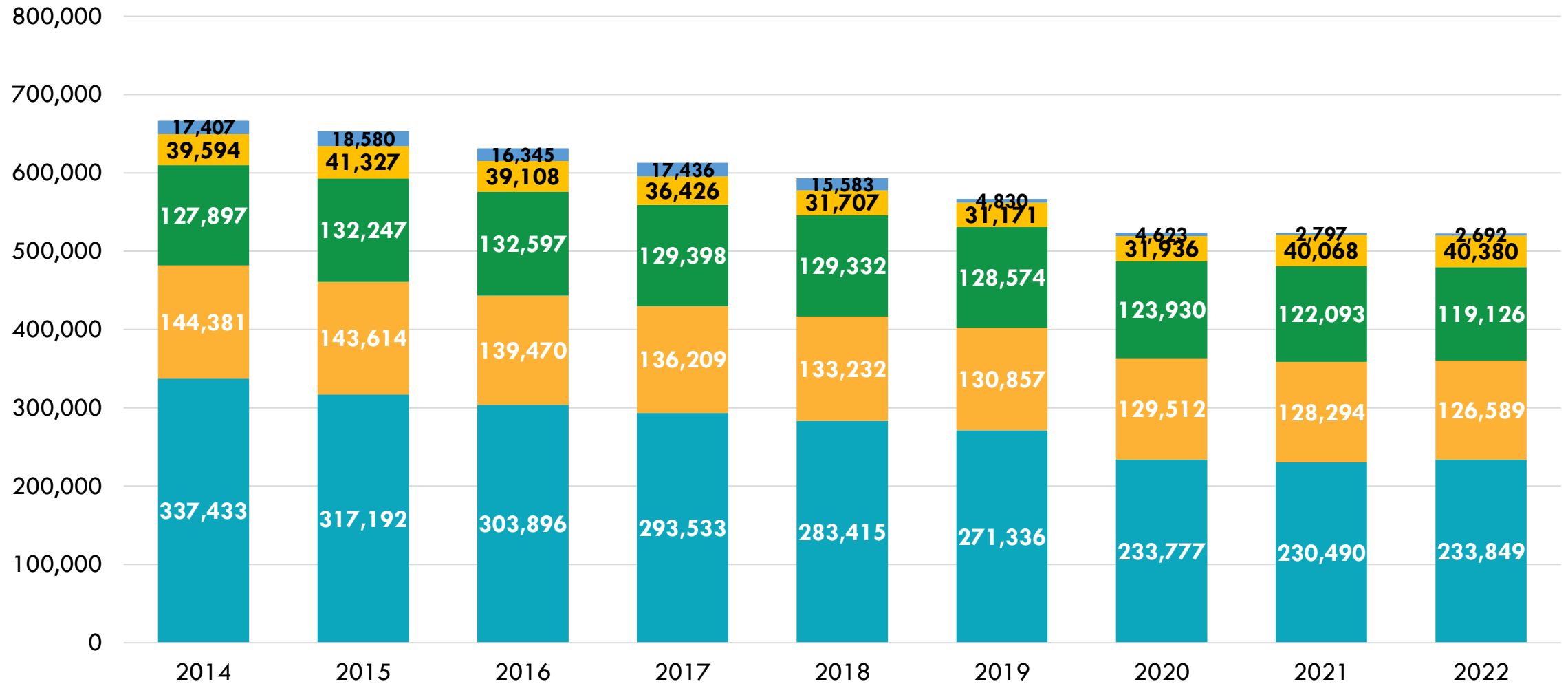
But there are some threats to Illinois' transfer success



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Total undergraduate enrollment in Illinois has decreased by over 20% since 2014, equating to 144,000 fewer students

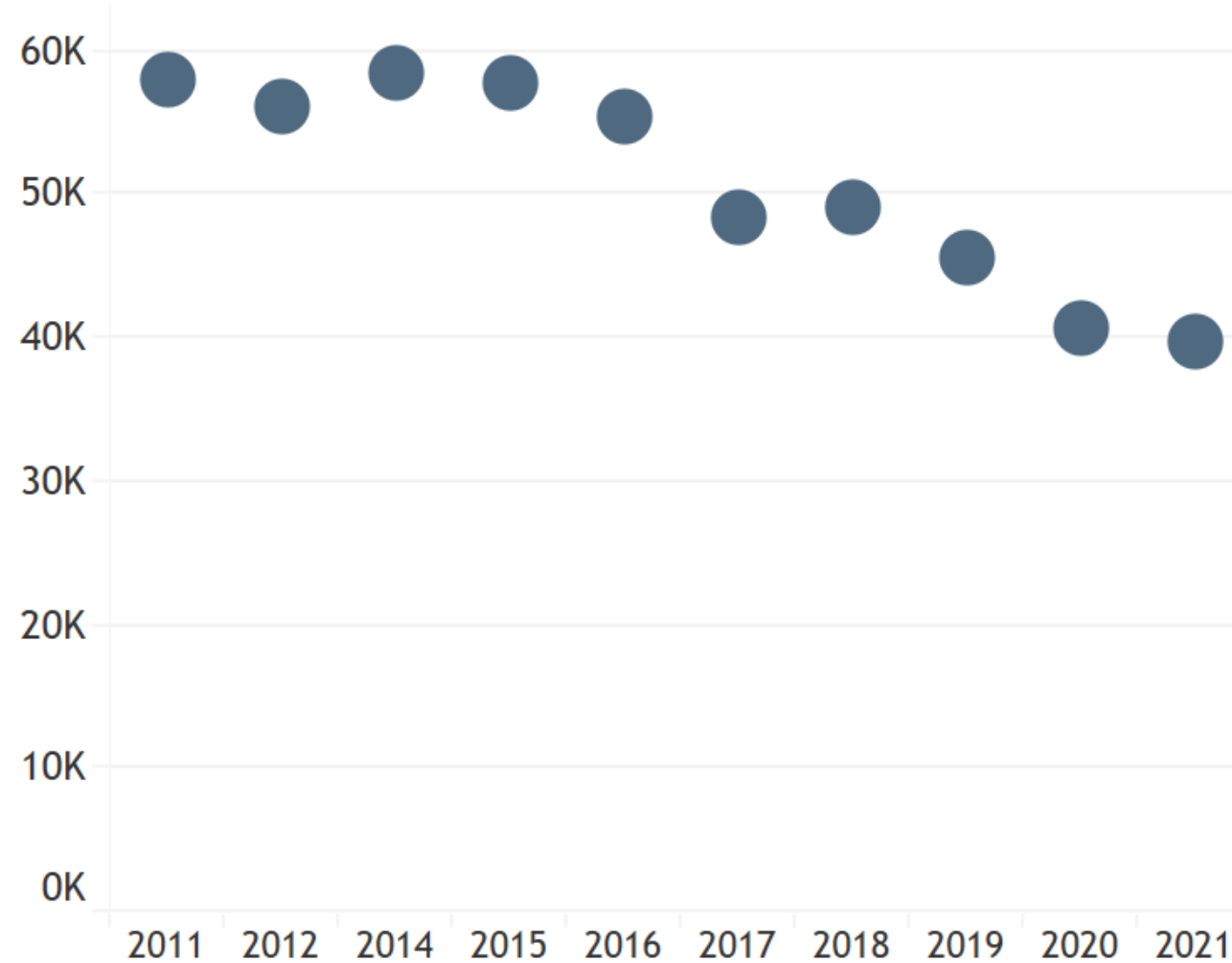
Undergraduate Enrollment in Illinois by Sector



Source: IBHE FES | 2014-2022

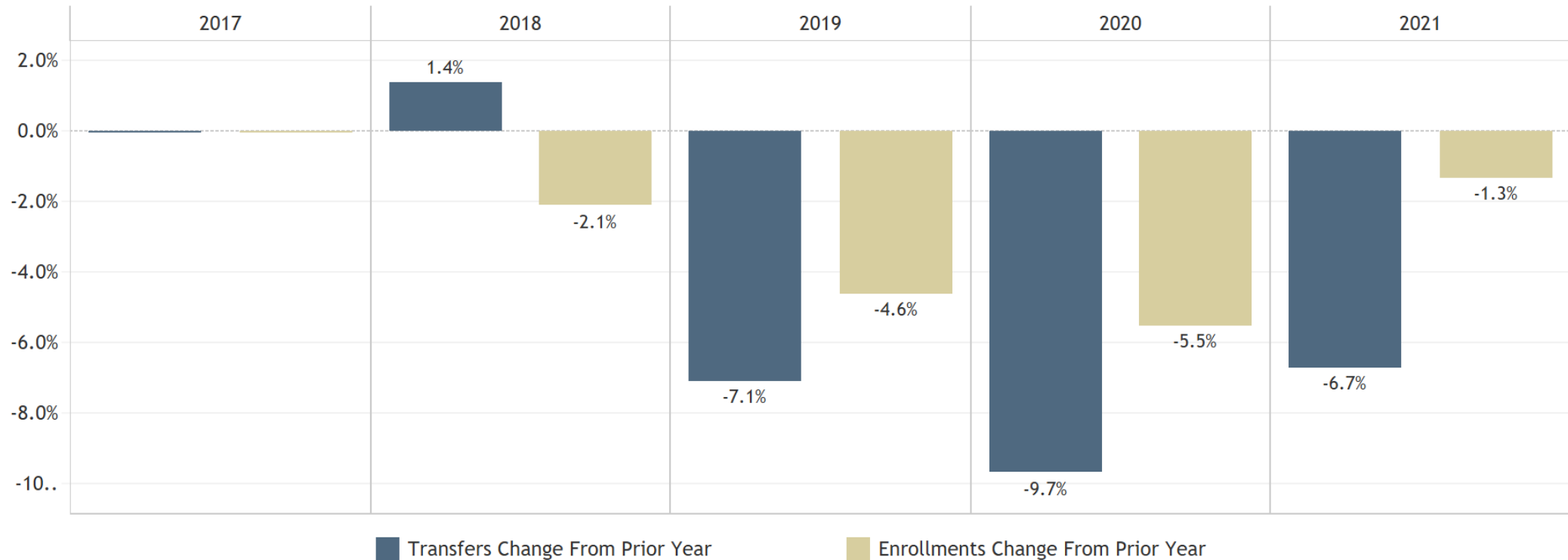
Total new transfers in the state are down by nearly one-third since 2014

Total Transfers

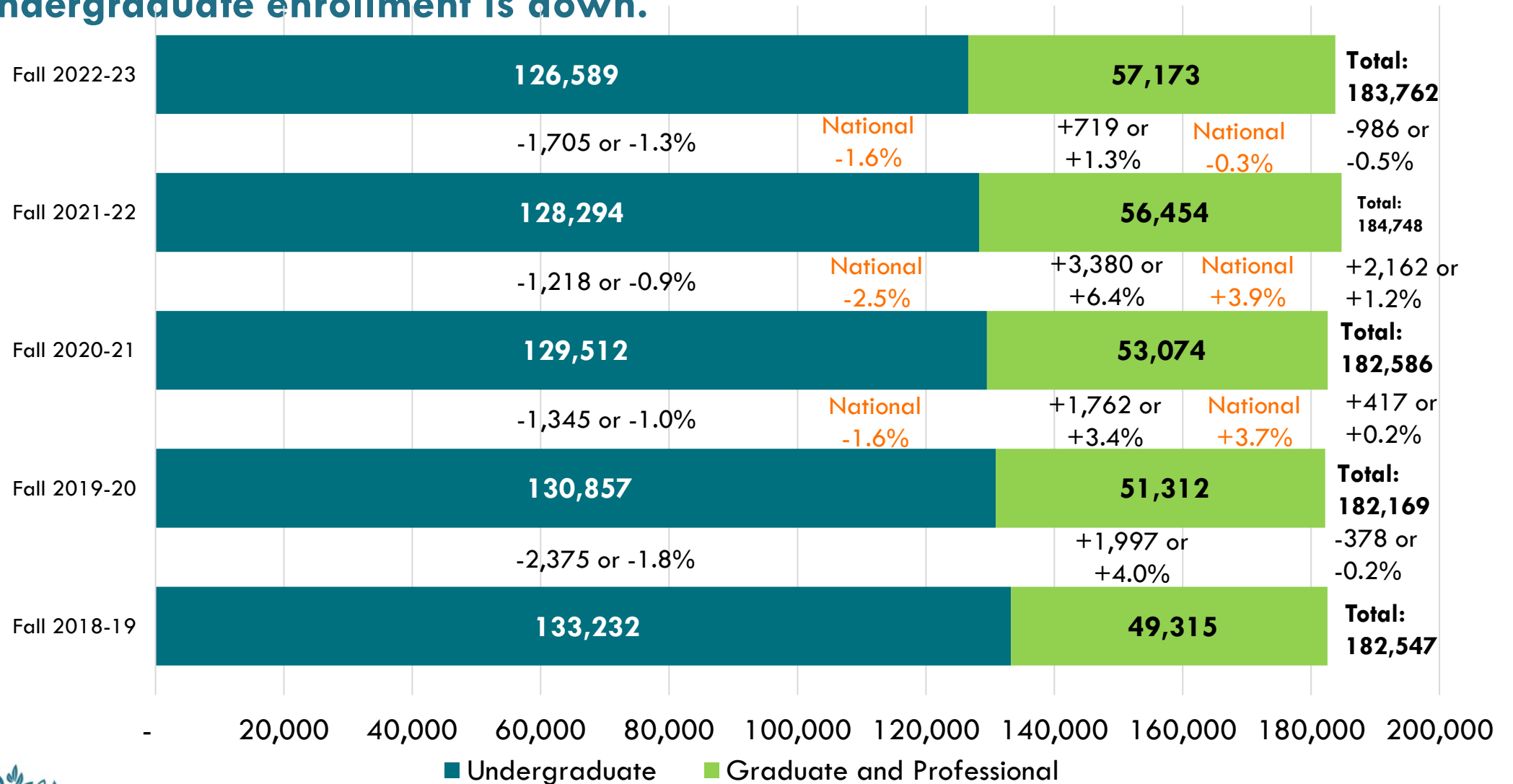


Except for 2018 when transfer enrollment slightly grew, the loss of transfer students has been greater than the decline in overall undergraduate enrollment.

New Undergraduate Transfers and Enrollment - Year to Year Change



Overall public university enrollment has increased since 2018 with graduate/professional growth. Illinois outpaced the national figures but undergraduate enrollment is down.



Although freshmen enrollment has increased at Illinois public universities, overall undergraduate enrollment and transfer enrollment are both down.

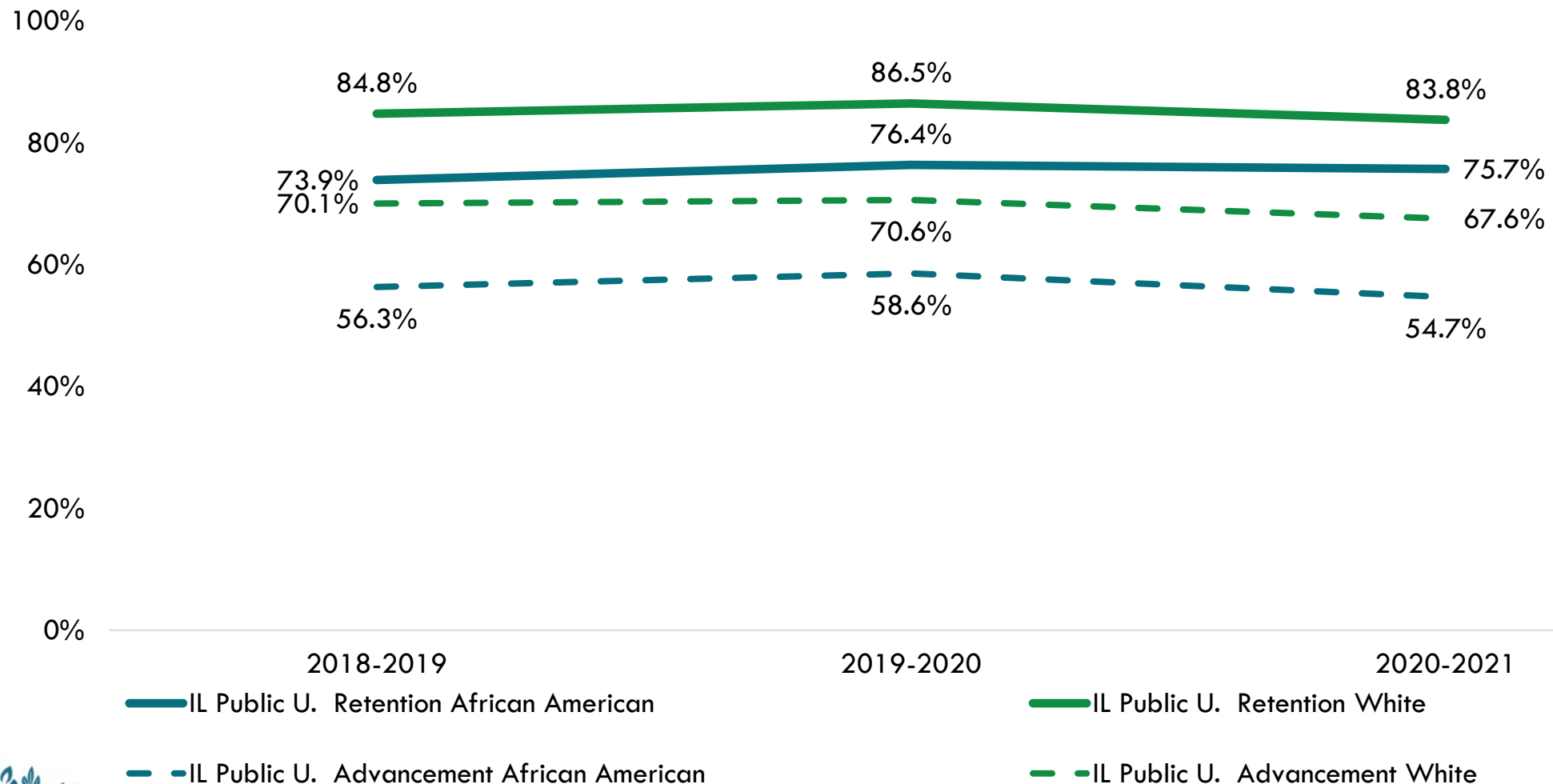
	2019-20	2020-21	2021-22	2022-23	1-Year Change	1-Year % Change
Dual Credit/ Dual Enrollment	1,819	2,463	2,518	2641	123	4.9%
First-Time, Full-Time Undergraduates	23,279	22,016	23,708	24,895	1,187	5.0%
New Full-Time Transfers	10,806	10,020	9,934	9,478	-456	-4.6%
Continuing Undergraduates	90,838	90,368	87,734	85,443	-2,291	-2.6%
All Other Undergraduates	4,115	4,645	4,400	4,132	-268	-6.1%
Total	130,857	129,512	128,294	126,589	-1,705	-1.3%

New IBHE Transfer Outcome Measures

- Retention-maintaining enrollment from fall semester of their first academic year to the fall semester of the next
- Advancement- maintaining enrollment year over year, but also moving up in class status or graduating (e.g., freshmen to sophomore, sophomore to junior)
- Leading indicators for graduation
- Measures include all new full-time transfer students regardless of class status at transfer
- After transfer, the measures are limited to the same institution (e.g., transferred from Triton to SIUC, so measures are specific to SIUC)
- Cohorts include those transferring from community colleges and other four-year institutions (vertical and lateral transfers)

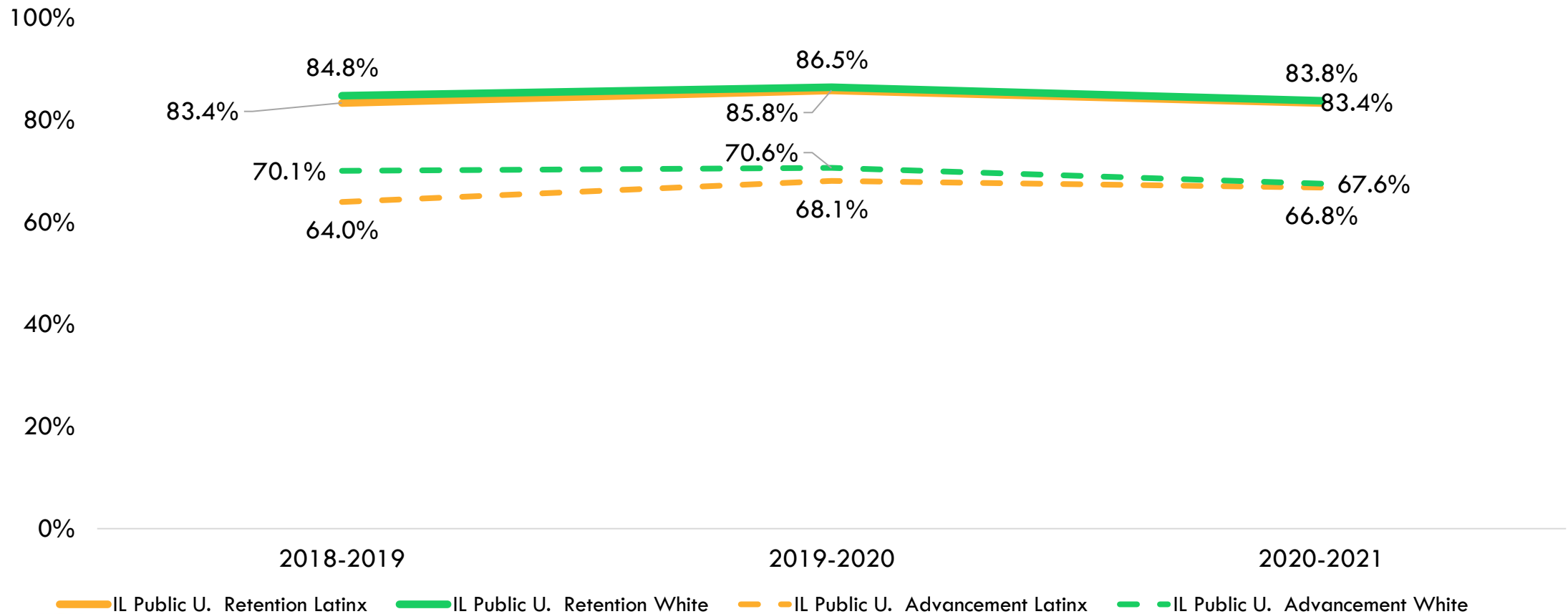
Noticeable gaps between African American transfer students and their white counterparts with both measures.

Retention and Advancement of New Transfer Full-Time Students at All Illinois Public Universities



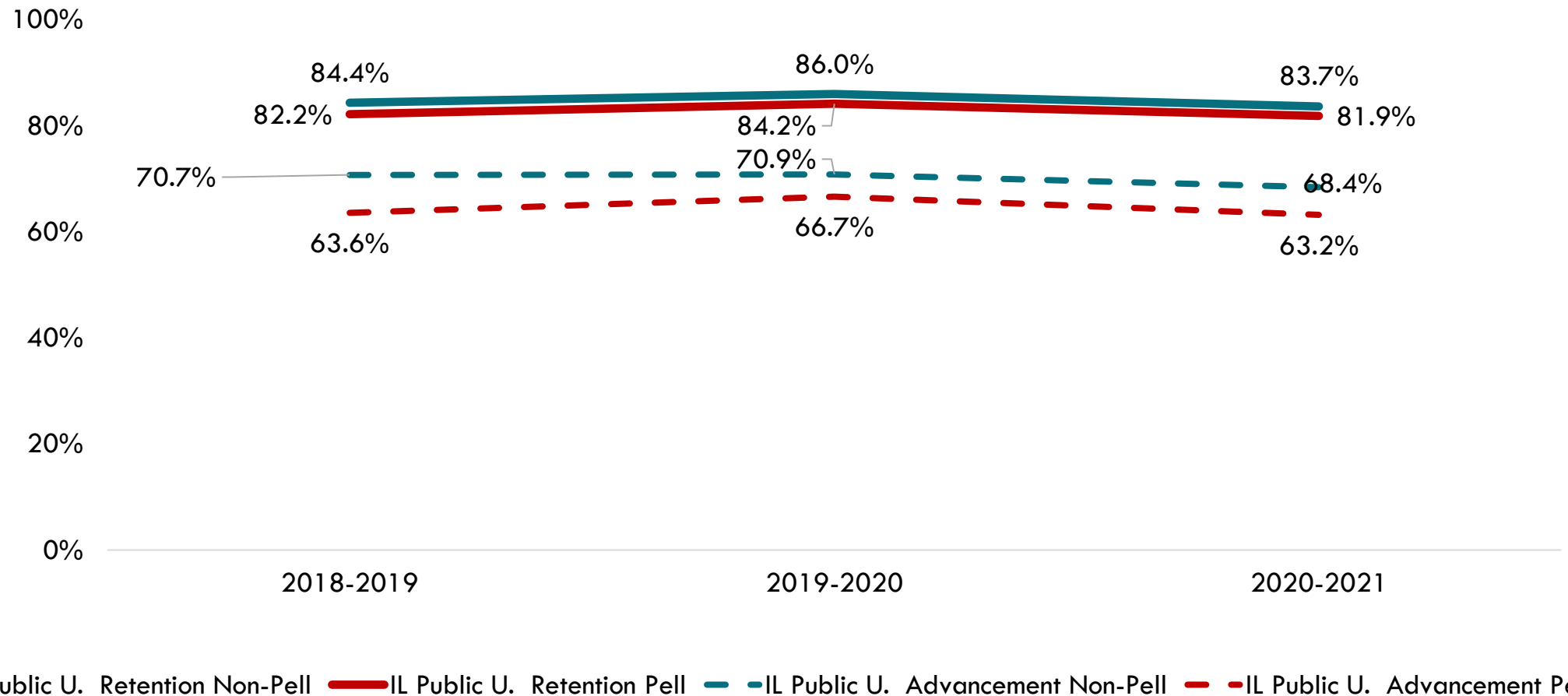
No gaps between Latinx transfers and their white counterparts in either measure

Retention and Advancement of New Full-Time Transfer Students at all Illinois Public Universities



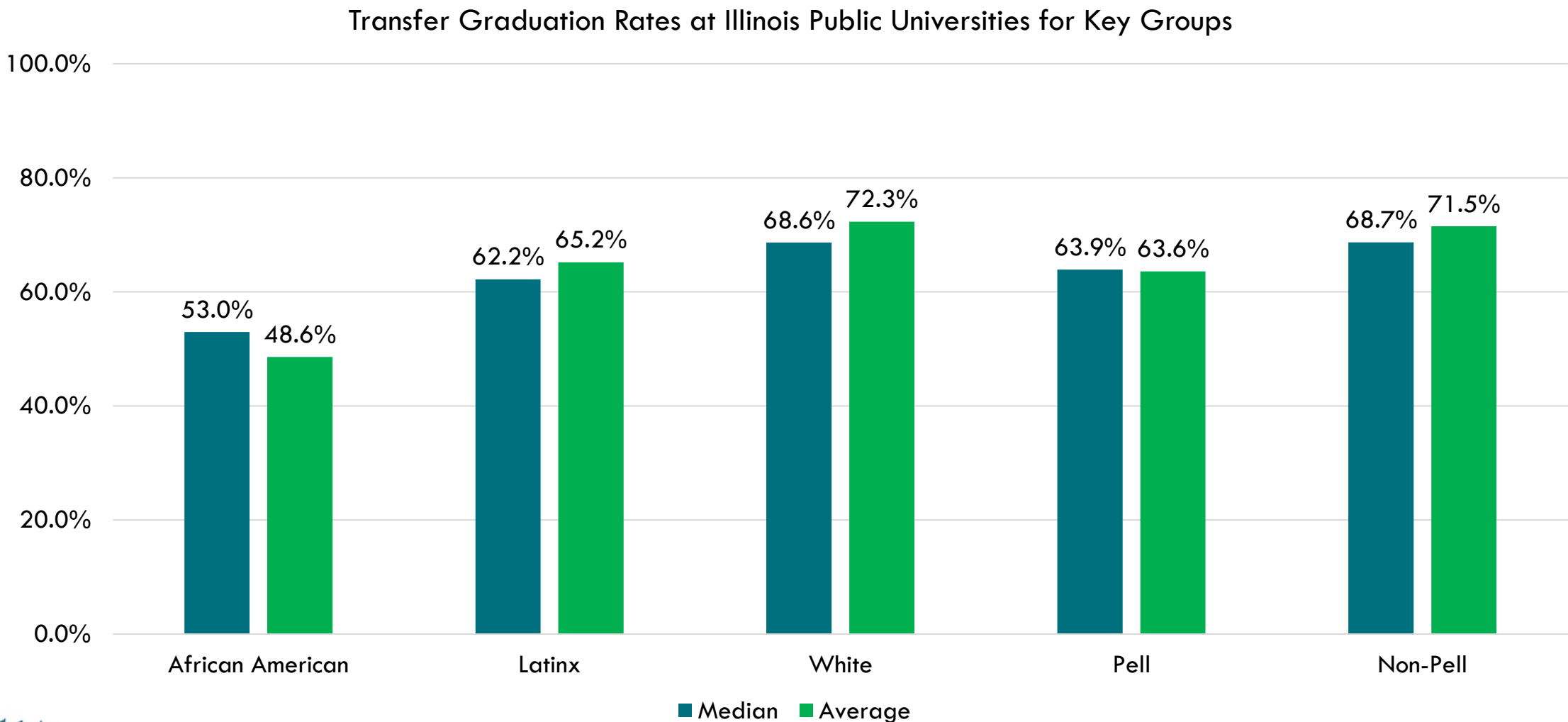
No retention gap for low-income transfers, but a modest class advancement gap

Retention and Advancement of New Full-Time Transfer Students By Pell Status at All Illinois Public Universities



Source: IBHE IHEIS Fall 2018-19 to Fall 2021-22 Enrollment Collections – New FT transfer Students from Fall of AY2018-19, Fall of AY2019-20, Fall of AY2020-21 tracked to the next Fall.

Race and income-based gaps in graduation rates for transfer students exist but all are higher than what was reported by NSCRC



Source: IBHE IHEIS Fall Enrollment 2017-18 Enrollment and Graduation AY2017-2021 – First-Time Transfer Students from Fall of AY2017-18 tracked to AY2020-21

IBHE Transfer Dashboards



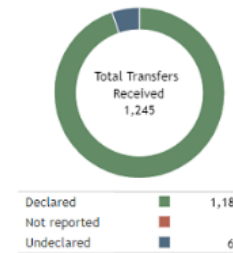
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IBHE Transfer Dashboards Now Include Information on Academic Majors

Academic Majors >

Transfers Received

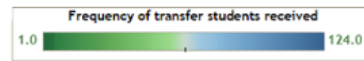
Choice of Major



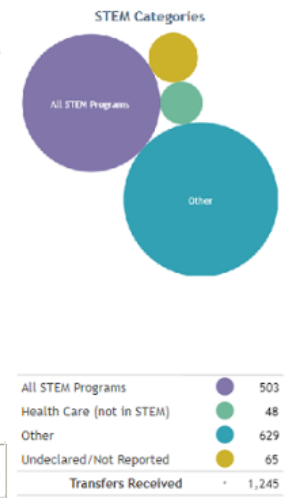
% of Total Undergrad Enrollment



Majors Among Received in Rank Order



Received Majors in STEM



<http://www.ibhe.org/transfers/>

This dashboard provides information on the academic majors of new transfer students from the perspectives of both the sending and receiving institutions as well as their interaction. It also allows for disaggregation by race/ethnicity and gender.

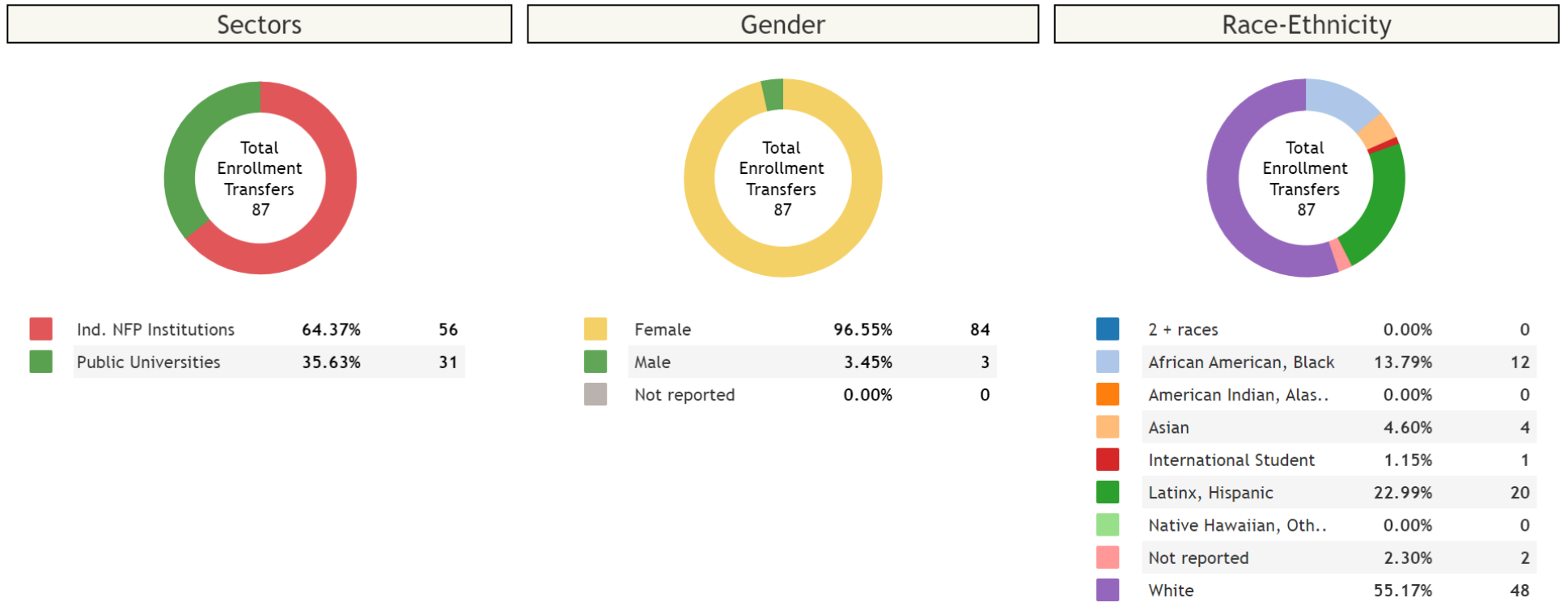


Including the Top Receiving Four-Year Institutions of Transfer Students Enrolled in Early Childhood Programs

InstitutionName	CIP Code	Major - Field of Study	Sector	Transferred
National Louis University	19.0708	Child Care and Support Services Management.	Independent NFP Instit..	25
Lewis University	13.1015	Education/Teaching of Individuals in Early Chil..	Independent NFP Instit..	24
Eastern Illinois University	13.1209	Kindergarten/Preschool Education and Teaching.	Public Universities	16
University of Illinois Chicago	19.0799	Human Development, Family Studies, and Rela..	Public Universities	12
Aurora University	13.1015	Education/Teaching of Individuals in Early Chil..	Independent NFP Instit..	5
Southern Illinois University Carbondale	19.0799	Human Development, Family Studies, and Rela..	Public Universities	3
Olivet Nazarene University	19.0706	Child Development.	Independent NFP Instit..	1
North Park University	13.1209	Kindergarten/Preschool Education and Teaching.	Independent NFP Instit..	1



Along with the demographic characteristics of those transfer students.



The dashboards also include the flow of early childhood transfers from their sending institutions to their receiving institutions

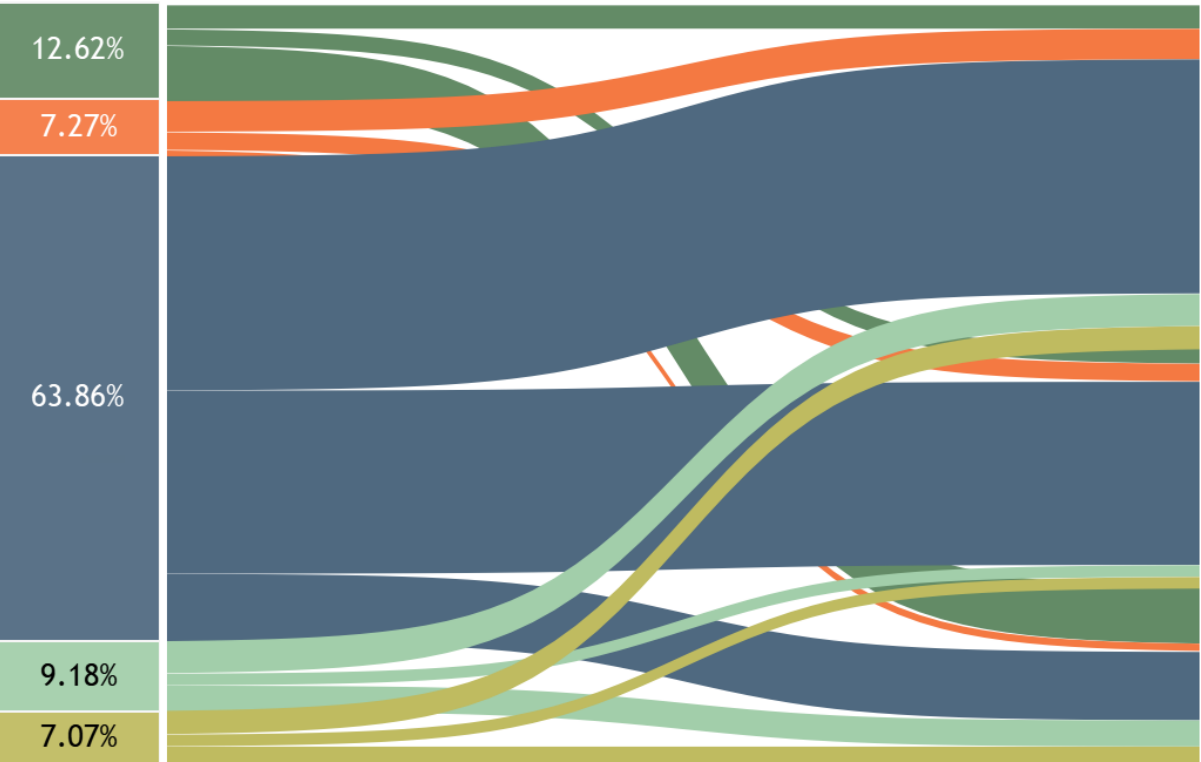
Flow of Program Enrollments from Sending Sector to Receiving Sector

Sending Sector

- Out-of-State Institutions
- Unknown
- Community Colleges
- Independent NFP Institutions
- Public Universities

Highlight Sending Sector

Highlight Sending 🔍



Receiving Sector

- Independent NFP Institutions
- Public Universities
- Community Colleges

Highlight Receiving Sector

Highlight Receiving 🔍



Along with detailed directory information on the interaction of sending and receiving institutions.

Break-down of Flow of Program Enrollments from Sending Institution to Receiving Institutions

Sending Institution	Receiving Institution	To Sector	CIP Code	Major - Field of Study	Transferred
College of DuPage	National Louis University	Independent NFP Inst..	13.1210	Early Childhood Education and Te..	4 (0.875%)
	Lewis University	Independent NFP Inst..	13.1015	Education/Teaching of Individuals..	4 (0.875%)
	Elmhurst University	Independent NFP Inst..	13.1210	Early Childhood Education and Te..	4 (0.875%)
	Illinois State University	Public Universities	13.1210	Early Childhood Education and Te..	3 (0.656%)
	Waubensee Community Colle..	Community Colleges	19.0709	Child Care Provider/Assistant.	1 (0.219%)
	University of Illinois Urbana/..	Public Universities	13.1210	Early Childhood Education and Te..	1 (0.219%)
	University of Illinois Chicago	Public Universities	19.0799	Human Development, Family Studi..	1 (0.219%)
	St. Augustine College	Independent NFP Inst..	13.1210	Early Childhood Education and Te..	1 (0.219%)
	Olivet Nazarene University	Independent NFP Inst..	13.1210	Early Childhood Education and Te..	1 (0.219%)
	Northern Illinois University	Public Universities	13.1210	Early Childhood Education and Te..	1 (0.219%)
	Harper College	Community Colleges	19.0709	Child Care Provider/Assistant.	1 (0.219%)
	Elgin Community College	Community Colleges	13.1210	Early Childhood Education and Te..	1 (0.219%)
Moraine Valley Community College	St. Xavier University	Independent NFP Inst..	13.1210	Early Childhood Education and Te..	6 (1.313%)
	Governors State University	Public Universities	13.1210	Early Childhood Education and Te..	5 (1.094%)



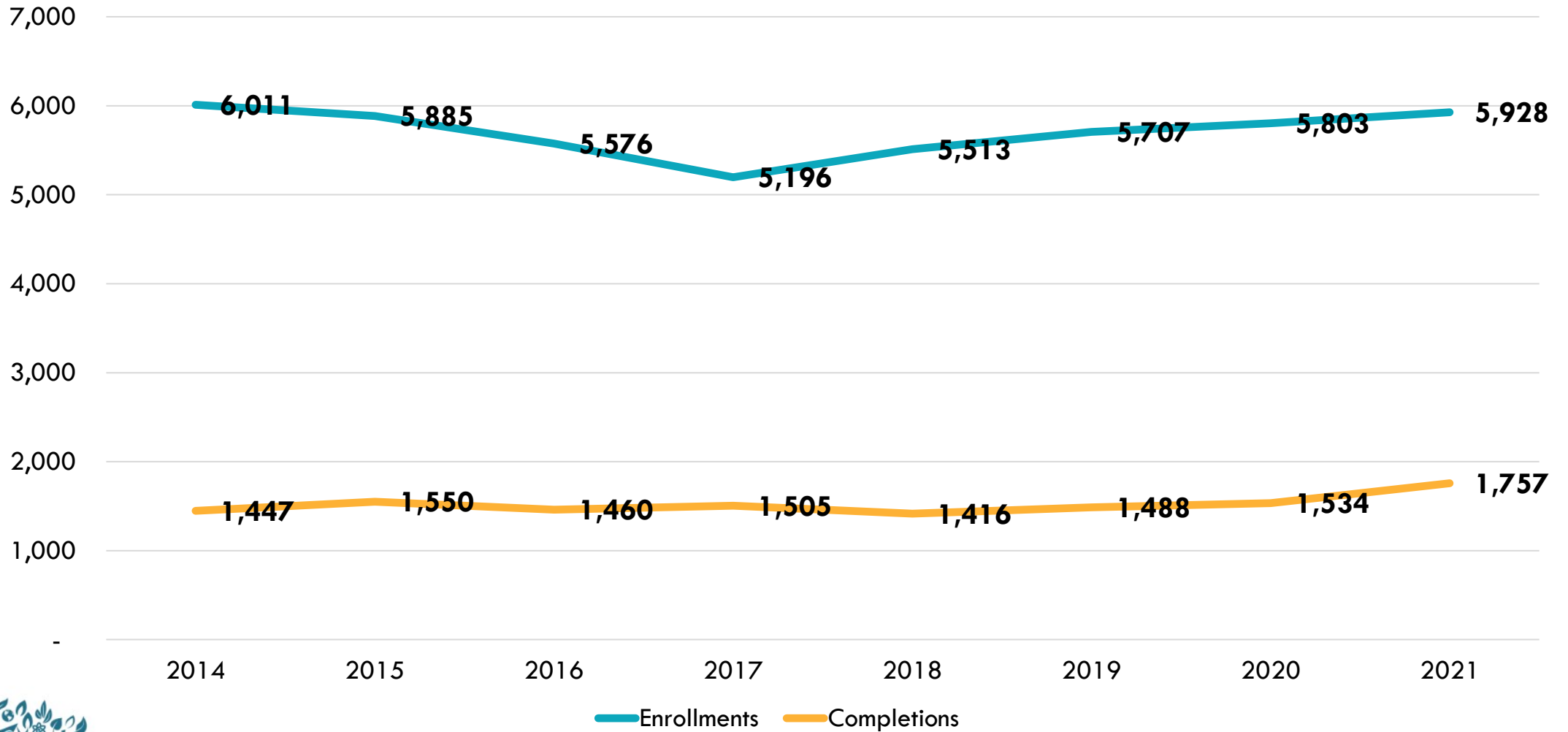
Early Childhood Enrollment and Completion Patterns



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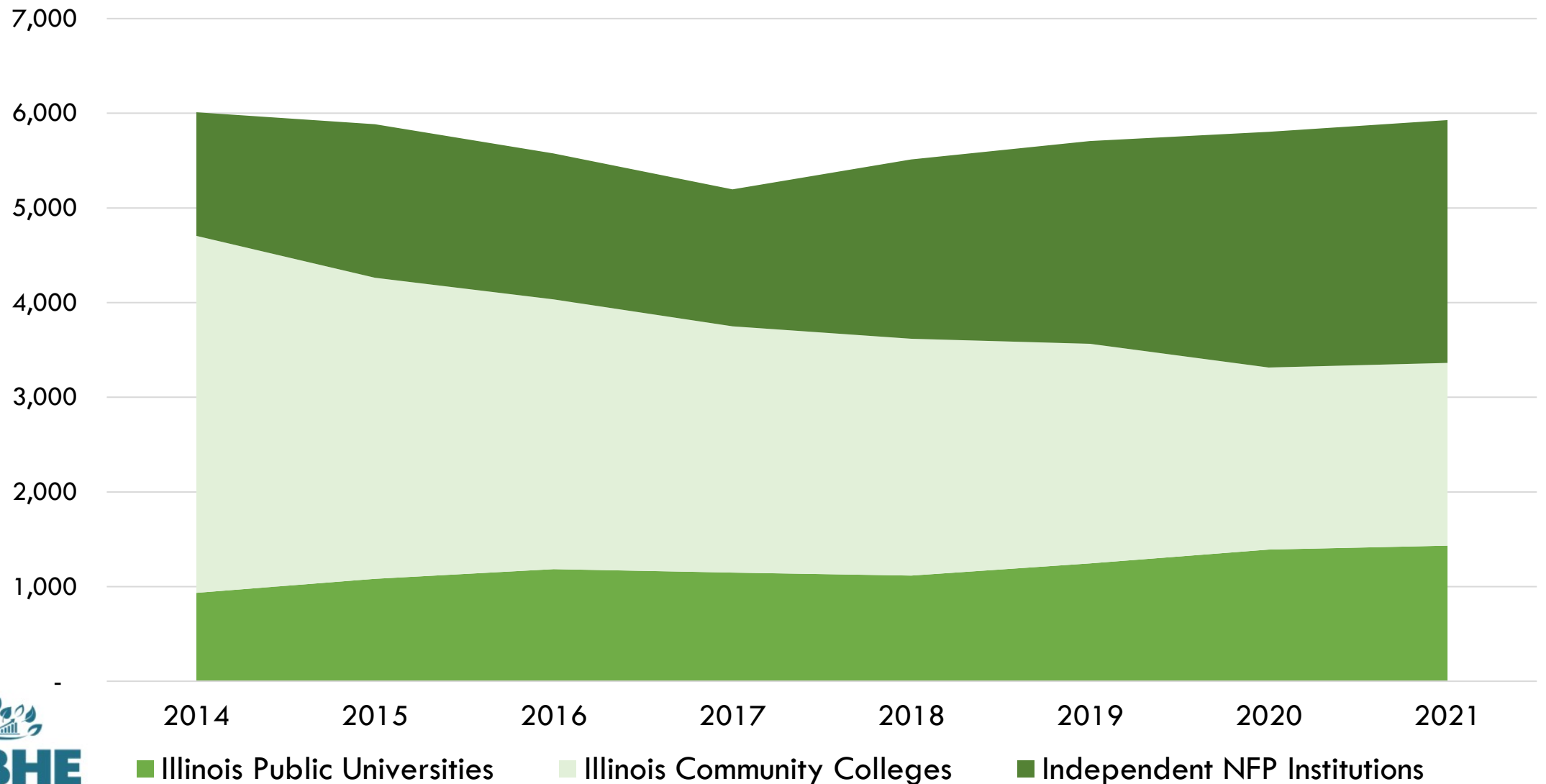
Overall early childhood enrollments have nearly bounced back to 2014 levels. Completions are at a recent high.

Undergraduate, Post-Bachelor's, and Master's Level Early Childhood Enrollment and Completions over Time



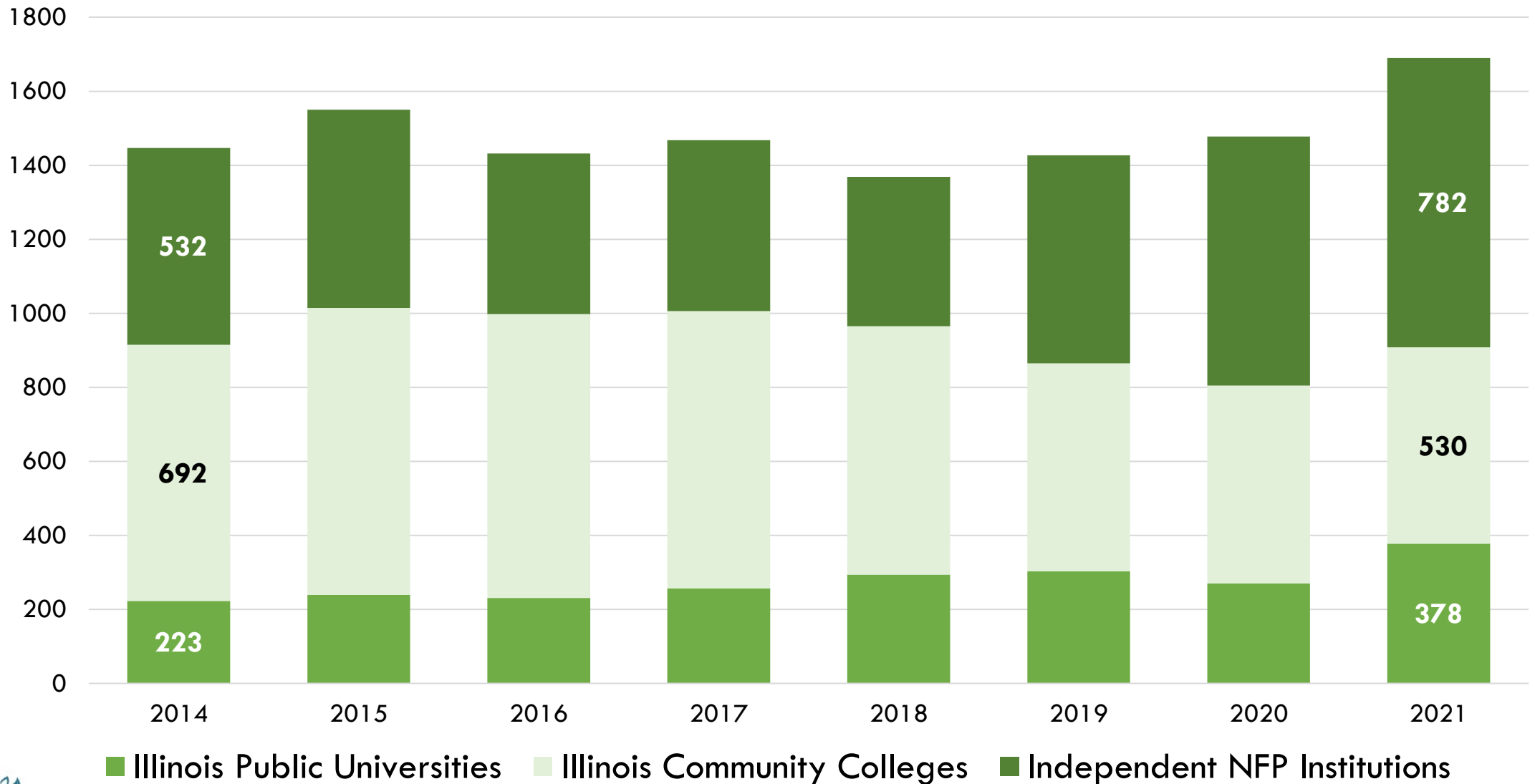
There was some sector specific variation with early childhood enrollment patterns

Undergraduate, Post-Bachelor's and Master's Level Early Childhood Enrollments over Time



There was also some sector specific variation with early childhood completion patterns

Early Childhood Undergraduate Completions by Sector Over Time



ECACE Cross Agency Data Match Project



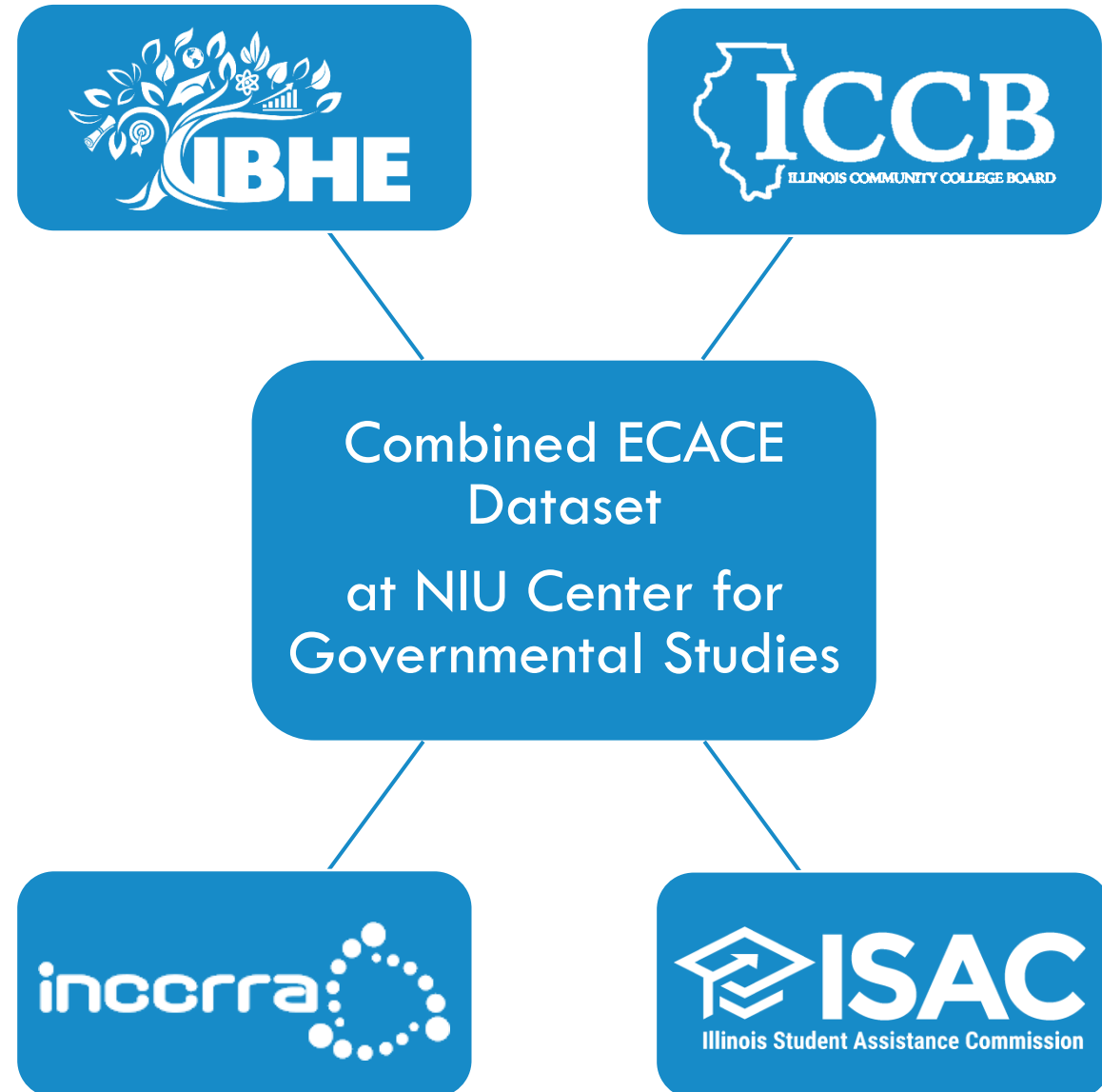
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Bridging together the necessary information for ECACE reporting

- Several core aspects of the reporting requirements could not be addressed using existing information sources in isolation
 - The higher education agencies didn't have a way for systematically verifying the early childhood incumbency status of currently enrolled students
 - The reporting requirements (e.g., persistence) and the core work of the consortium highlighted the need for more student-centered measures as opposed to traditional institutional-centered measures (e.g., retention and graduation)
- All paths led to the Gateways Registry to get at incumbency status...
 - A process had already been established for verifying ECACE scholarship eligibility with eligible position types, etc.
 - Why not use that source and the existing operational definitions?
- ...and eventually to the Illinois Longitudinal Data System

Maximizing State Agency Data Systems and Illinois Longitudinal Data System Processes

- **IBHE**: Early Childhood Program Student-Level data deriving from IBHE Illinois Higher Education Information System
- **ICCB**: Early Childhood Program Student-Level data deriving from Centralized Data System
- **ISAC**: ECACE Scholarship Program Individual-Level Data
- **INCCRRA**: Gateways to Opportunity Credentials Individual-Level Data
- **ISBE**: Information on Paraprofessionals (to be added)



Utilizing the ECACE Dataset for Mandated Reporting (Public Act 102-0174) and Enhancing Program and Student Success

Combined ECACE Dataset

ECE enrollment numbers for the fall and spring semesters

Retention rates

Persistence in relevant associate, baccalaureate, and credential programs

Race, ethnicity, and federal Pell grant status disaggregation

Completion numbers and rates

Employer type

Years worked

Reported overall and by early childhood workforce incumbency status



Centralized Demographic Dataset Administrator (CDDA)

- Handling the matching and the automation of reporting in partnership with IBHE, ICCB, and INCCRRA/DHS
- Housed at Northern Illinois University's Center for Governmental Studies since 2015
- Supported by all the state agencies participating in the Illinois Longitudinal Data System (ILDS): ISBE, ICCB, IBHE, DCEO, IDHS, ISAC, IDHS, and DCFS
- Since 2015, has matched and provided identity resolution for nearly 217 million records representing 21.5 million individuals who touched one or more of the ILDS agencies
- Facilitates matching across disparate datasets
 - Creates a single ID that could be used for research across all agencies
 - Eliminates the need to share additional personally identifiable information, reducing risk
- Supports longitudinal research and data analysis

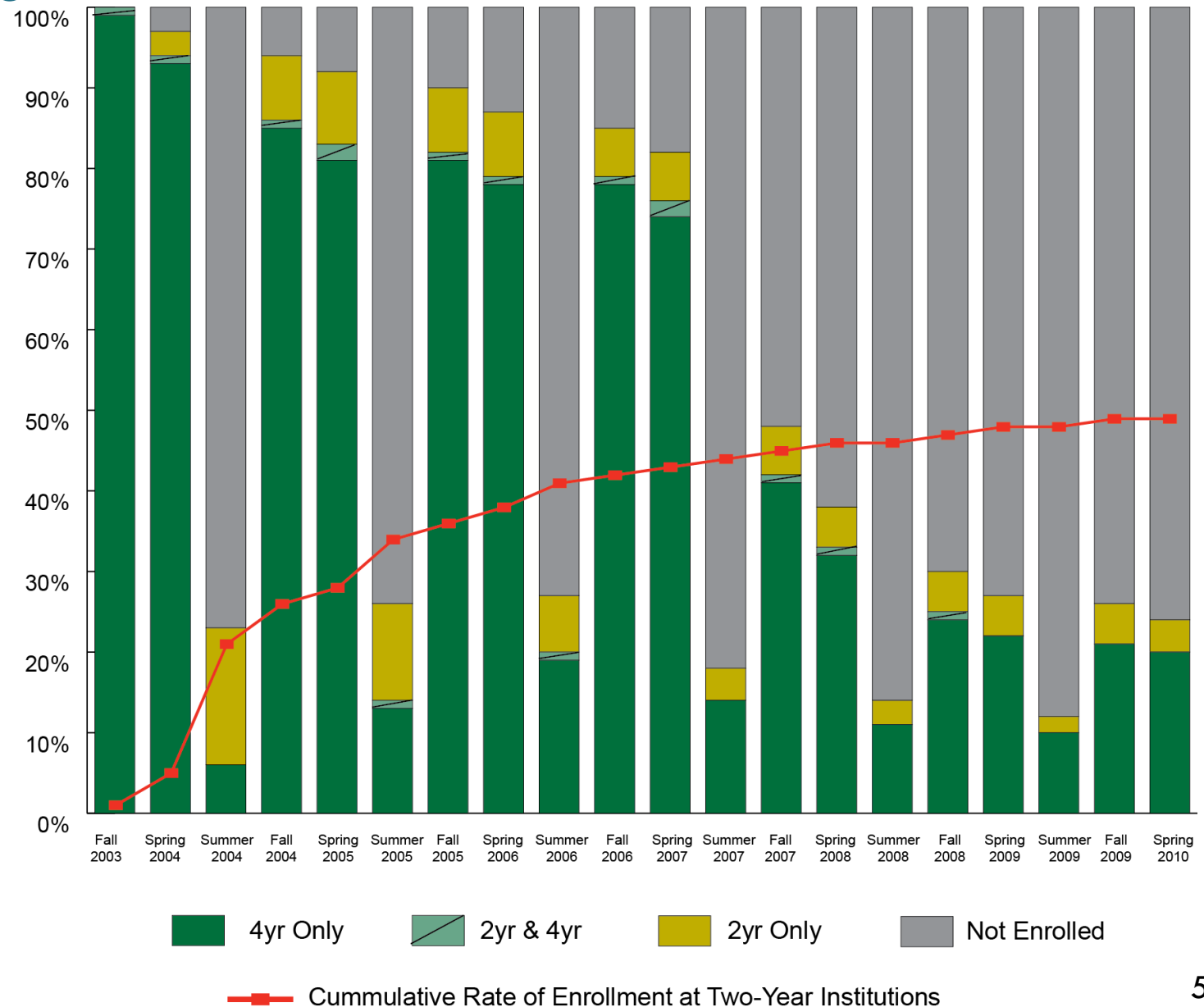


Persistence

- Non-linear persistence and completion patterns are becoming more common (they were fairly common two decades ago)
- Traditional measures (e.g., retention and graduation rates) have not kept up and tend to focus on new first-time, full-time undergraduate students (freshmen)
- A stop-out from the perspective of one institution is considered a new transfer student from the perspective of the receiving institution
- In the matching project there were around 150 students who were enrolled at more than one ECACE member institution during the same academic year.
 - Concurrent enrollment
 - Traditional reverse transfers
 - Lateral transfers
 - Vertical transfers
 - Summer sessioners

Example of non-linear enrollment patterns for the Illinois HS graduating class of 2003

By the end of the seven-year tracking period, half of students who initially enrolled at a four-year institution enrolled at a community college.



Next Steps for ECACE Reporting

- Getting ready to finalize and release the first annual report (release will occur later in the spring)
- Integrating ISBE information on paraprofessionals
- Figuring out ways to automate the ingestion of new information (enrollment and completion records & Gateways registry information) and to automatically generate reports
- Producing the information regionally (CCR & R or EDRs)
- Thinking of ways to provide a value-add to the ECACE member institutions
- Fine-tuning our operational definition and measures of persistence (i.e., what to do with ECACE students who transfer to institutions outside the consortium, and/or switch majors?)
- The next required report highlighting fall 2022-23 will be available in late summer/early fall



Questions
lichtenberger@ibhe.org



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Stay in Touch!

