

Campus Conversations

Undergraduate Education at Rutgers–New Brunswick: A Closer Look

April 19, 2018 | 4:30 p.m. to 6:00 p.m.

Rutgers Academic Building, Lecture Hall 4225 | 15 Seminary Place, New Brunswick

As a public research institution, Rutgers–New Brunswick provides unique curricular and co-curricular opportunities to undergraduates. You are invited to participate in a Campus Conversation led by Chancellor Dutta to explore the current condition of undergraduate education at Rutgers. Immediately following the event, all are invited to attend a reception with presenters and colleagues.

Campus Conversations is an interactive series where discussion and data come together to shed light on areas of strength, challenges, and opportunities for growth at Rutgers University–New Brunswick.



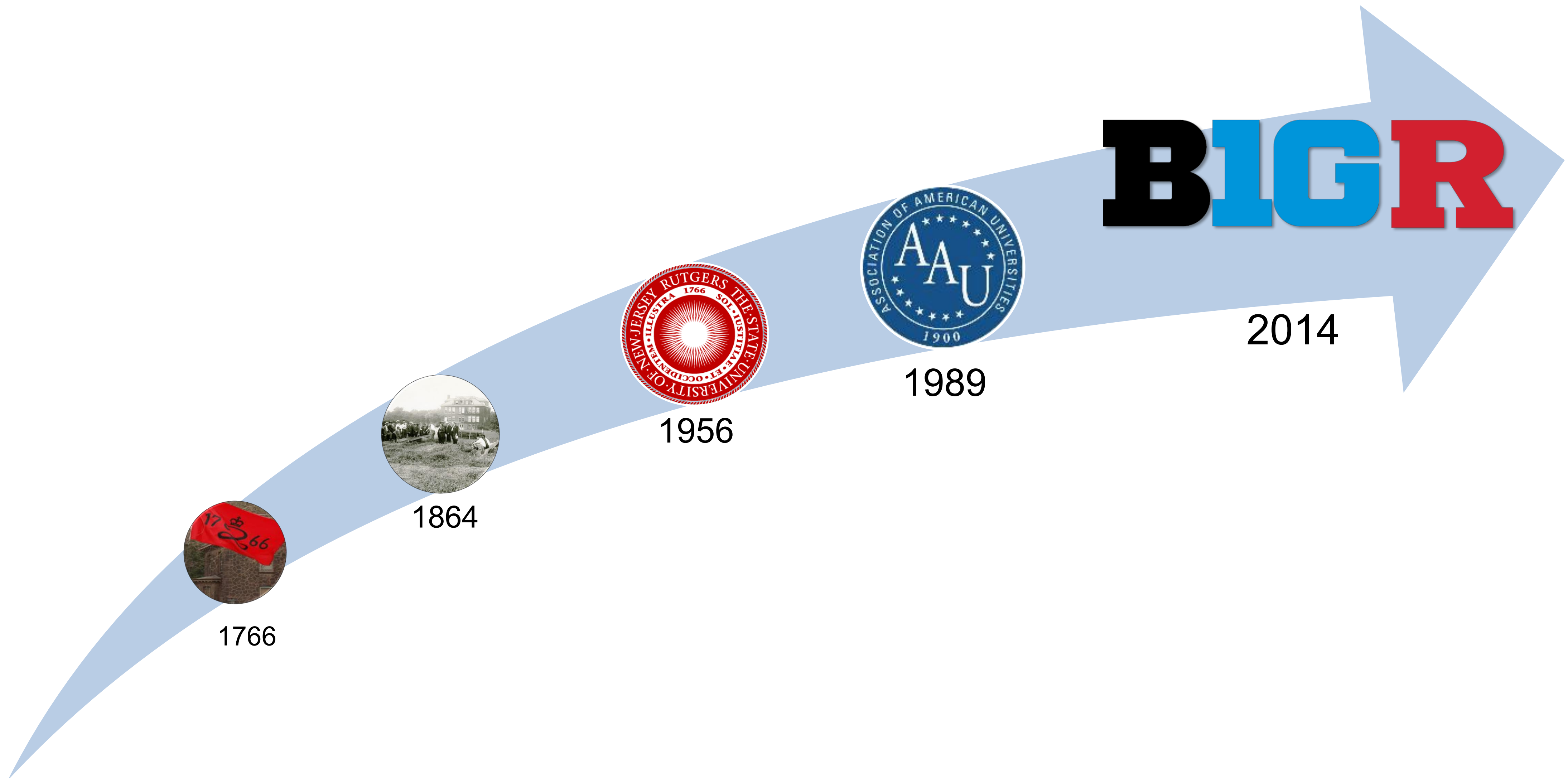
RUTGERS
UNIVERSITY | NEW BRUNSWICK

Agenda

- Overview of Undergraduate Education at Rutgers–New Brunswick
- Admissions, Affordability, and Academic Success
- Undergraduate Academic Offerings Beyond the Classroom
- Discussion

Overview of Undergraduate Education at Rutgers–New Brunswick

A Brief History of Rutgers–New Brunswick, from 1766 to...



Today

- Rutgers–New Brunswick is a leading research institution – one of only two New Jersey universities to earn membership in the AAU – with comprehensive undergraduate and graduate educational offerings.
- As one of the larger universities in the Big Ten, Rutgers–New Brunswick enrolls students from throughout the state and country, along with a significant international population.
- Membership in the Big Ten opens up new collaborative opportunities in education and research, as well as provides an excellent peer group of AAU members to benchmark against.

Schools, Enrollment, and Degrees Conferred

Rutgers–New Brunswick

2017

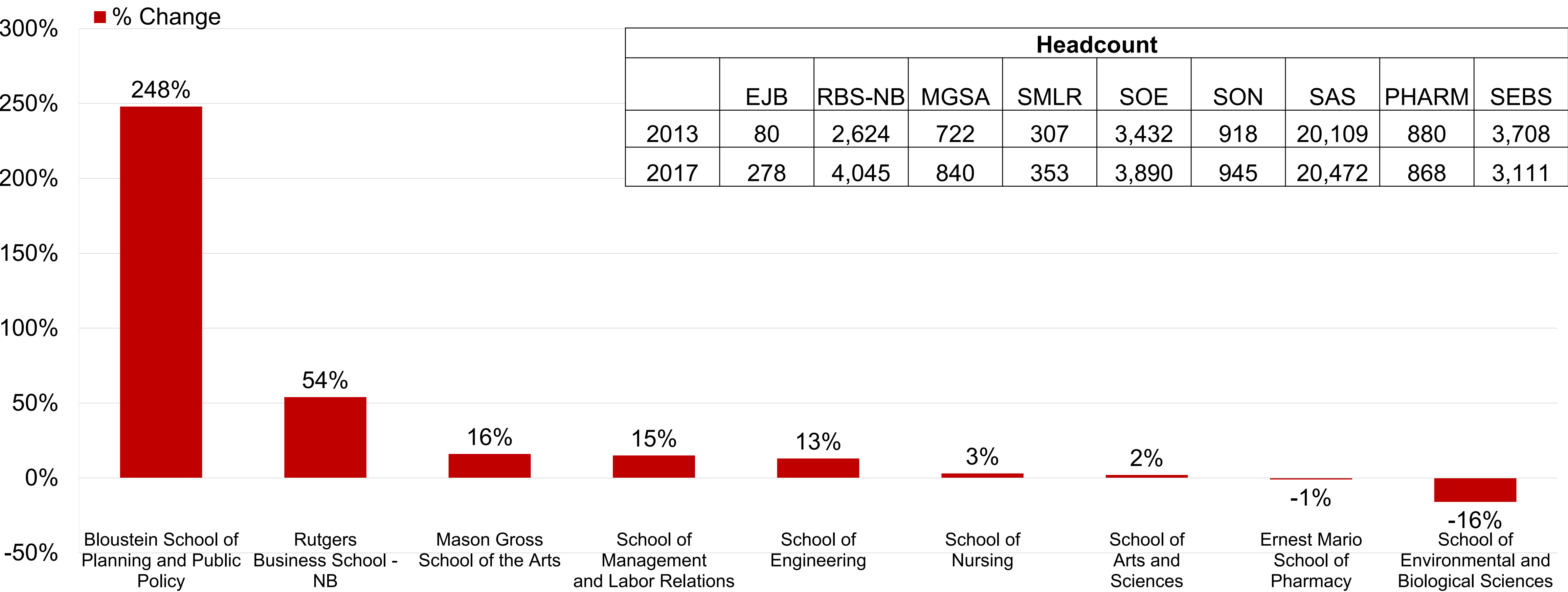
School	Enrollment (Fall 2017)	Bachelor's Degrees Conferred (2016-2017)	Bachelor's Degrees Offered (2016-2017)
School of Arts and Sciences	20,472	4,995	B.A., B.S.
Rutgers Business School - New Brunswick	4,045	819	B.S.
School of Engineering	3,890	896	B.S.
School of Environmental and Biological Sciences	3,111	745	B.A., B.S.
School of Nursing	945	383	B.S., B.S.N.
Ernest Mario School of Pharmacy	868	-	-
Mason Gross School of the Arts	840	143	B.F.A., B.Mus.
School of Management and Labor Relations	353	157	B.A., B.S.
Edward J. Bloustein School of Planning and Public Policy	278	80	B.A., B.S.

Note – Legacy Rutgers Academic Units (School of Nursing also includes legacy UMD Nursing unit). Enrollment reflects degree-seeking undergraduates. B.A. degrees offered by School of Management and Labor Relations, Edward J. Bloustein School of Planning and Public Policy, and School of Communication and Information are jointly awarded by School of Arts and Sciences.

Undergraduate Enrollment by School

Rutgers–New Brunswick

2013 & 2017

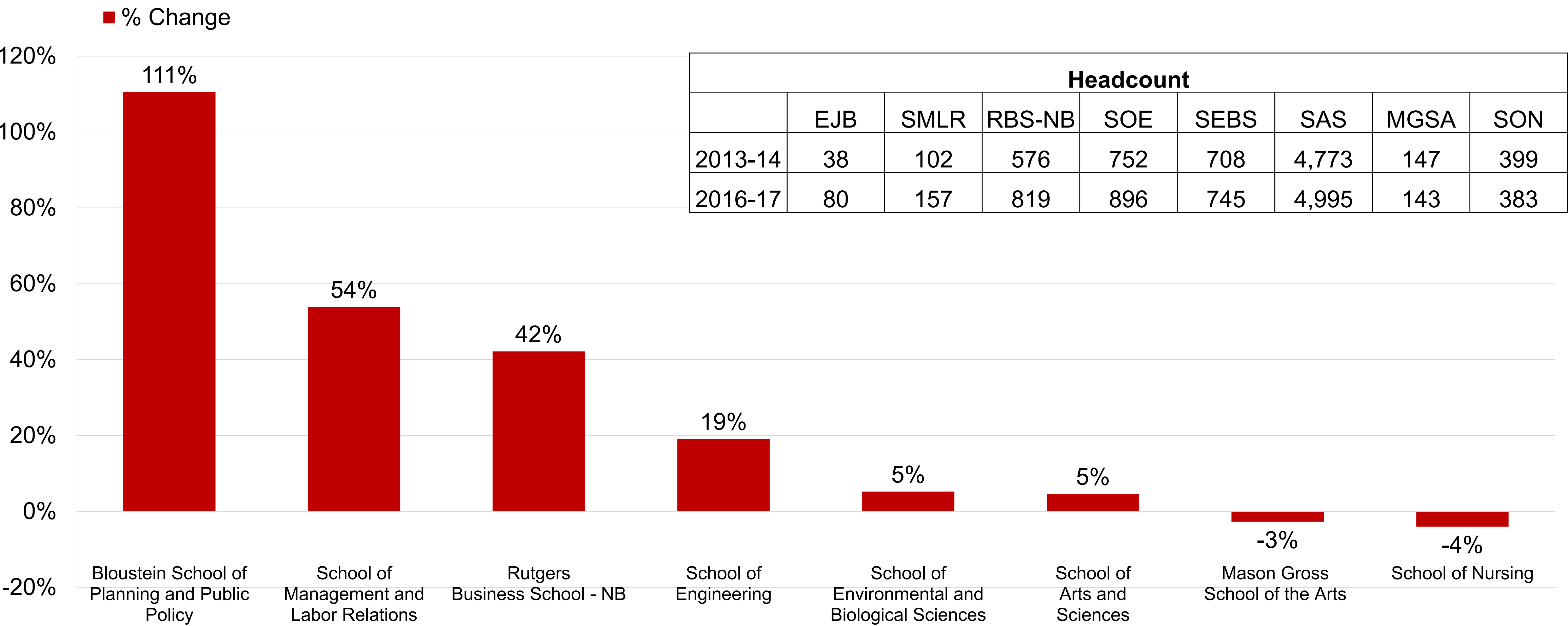


Note – Legacy Rutgers Academic Units (School of Nursing also includes legacy UMD Nursing unit). Reflects degree-seeking students.

Bachelor’s Degrees Conferred by School

Rutgers–New Brunswick

2013-2014 & 2016-2017

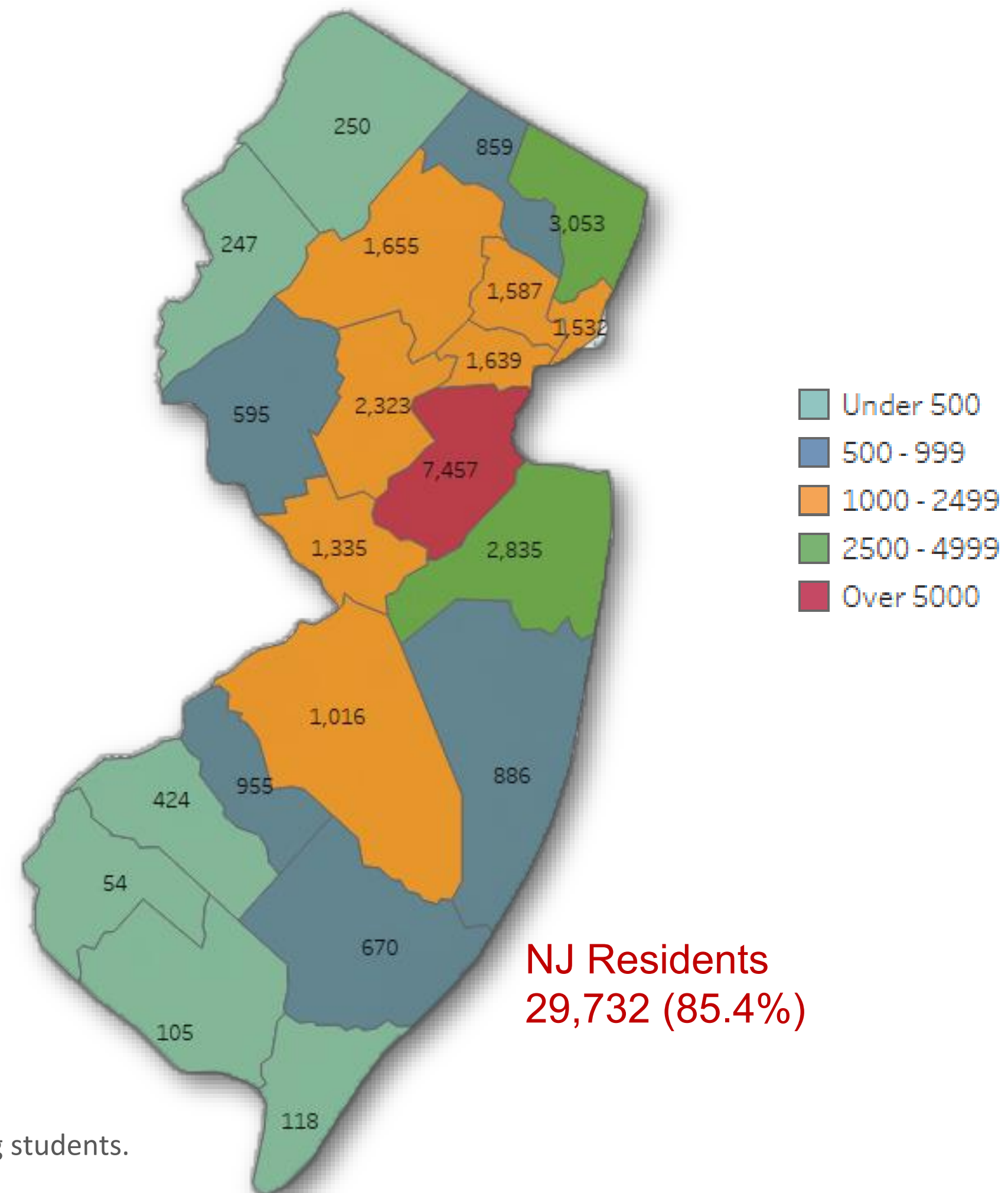


Note – Legacy Rutgers Academic Units (School of Nursing also includes Legacy UMD Nursing unit). Reflects degree-seeking students.

Undergraduate Enrollment

Rutgers–New Brunswick

Original New Jersey County Residency – Fall 2017

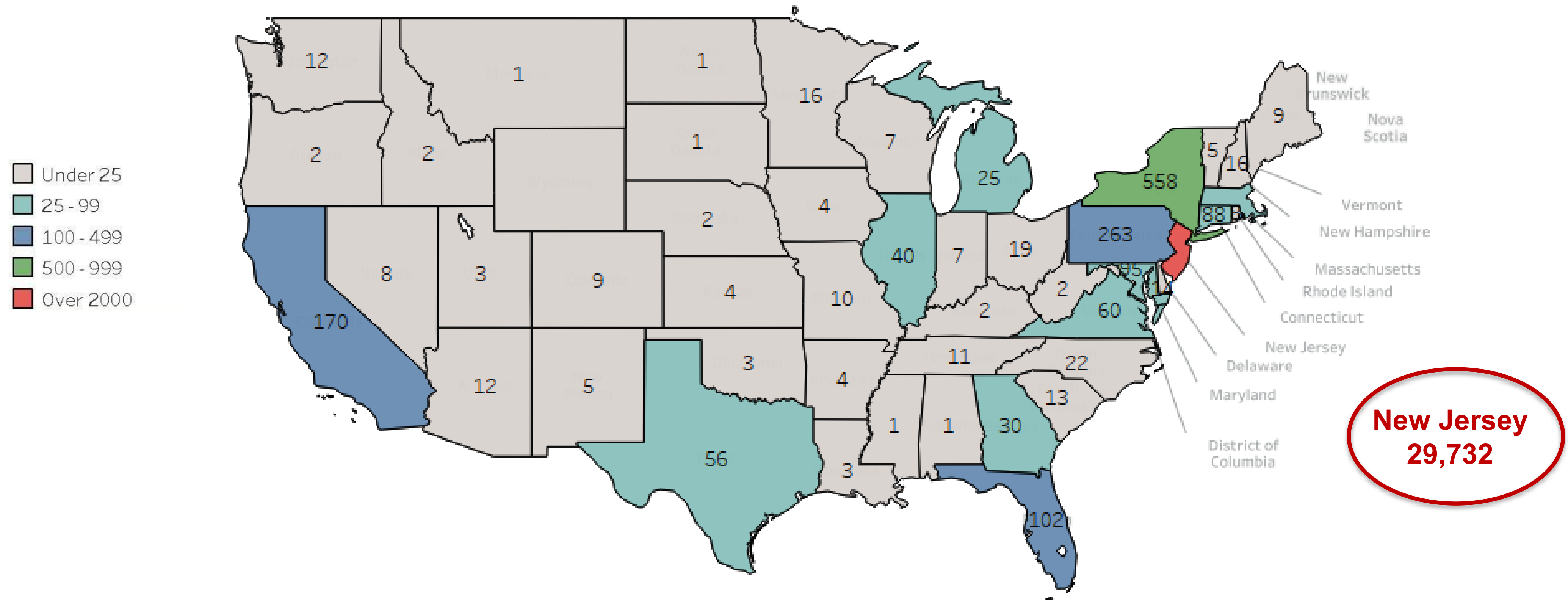


Note – Includes Pharmacy and Nursing students. Reflects degree-seeking students.
Source: Office of Institutional Research and Academic Planning

Undergraduate Enrollment

Rutgers–New Brunswick

Original State Residency - Fall 2017



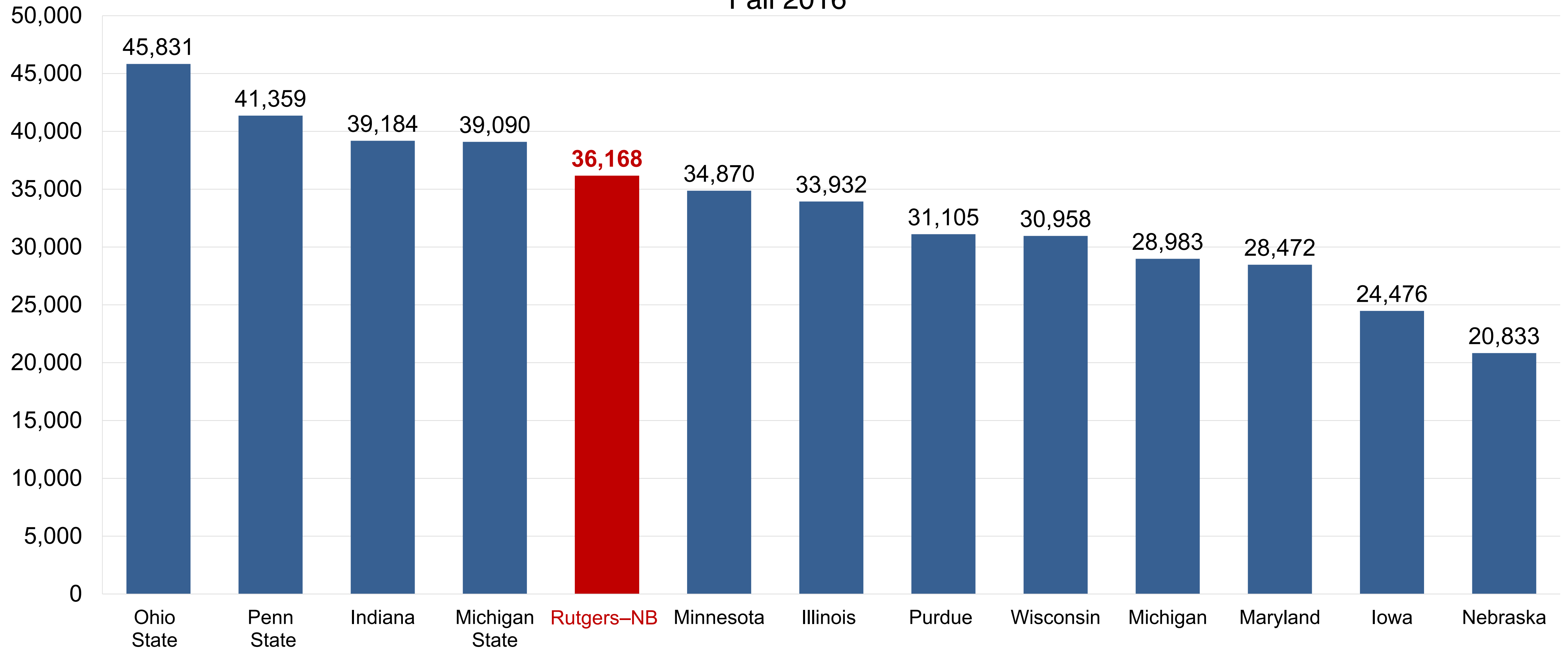
Out-of-State	1,832 (5.3%)
International	3,170 (9.1%)

Note – Includes Pharmacy and Nursing students. Reflects degree-seeking students.
Source: Office of Institutional Research and Academic Planning

Undergraduate Enrollment

Big Ten Universities

Fall 2016



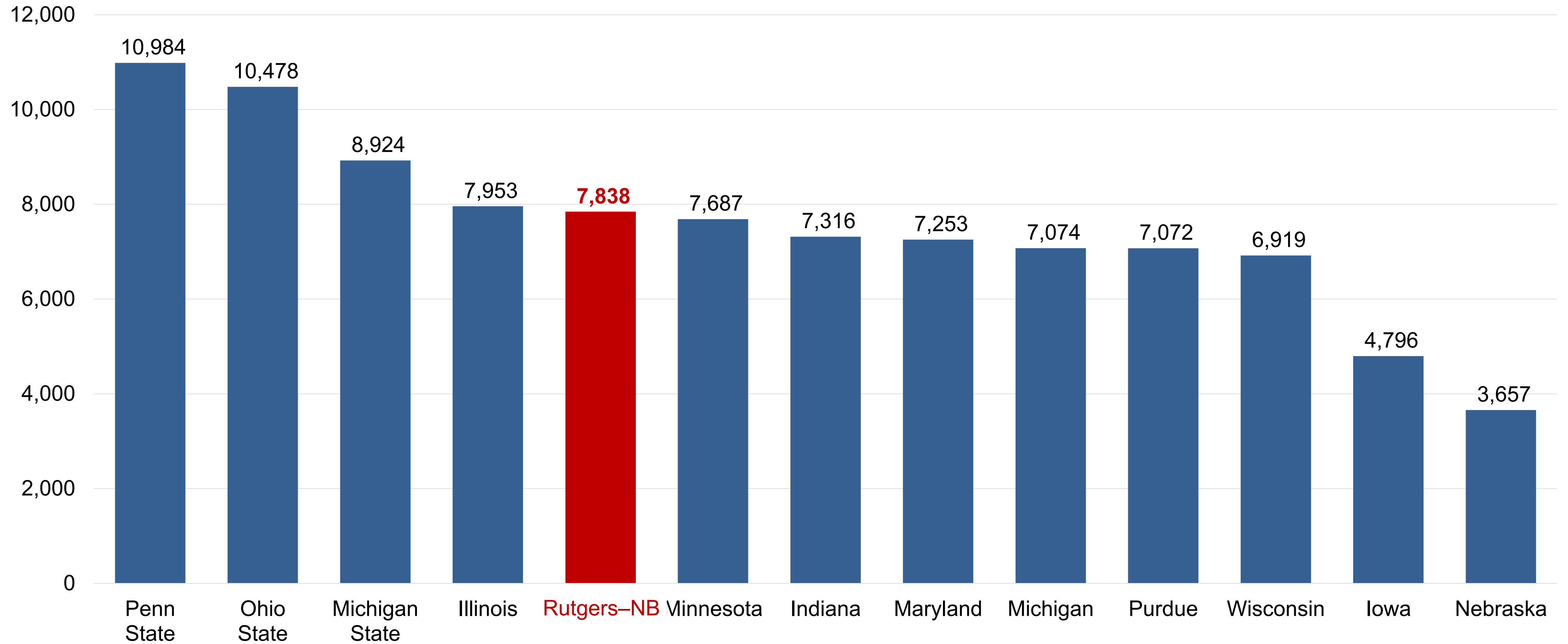
Note – Includes Rutgers Biomedical and Health Sciences. Reflects all enrolled students.

Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Bachelor's Degrees Awarded

Big Ten Universities

2015-16



Note – Includes Rutgers Biomedical and Health Sciences.

Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

National Rankings

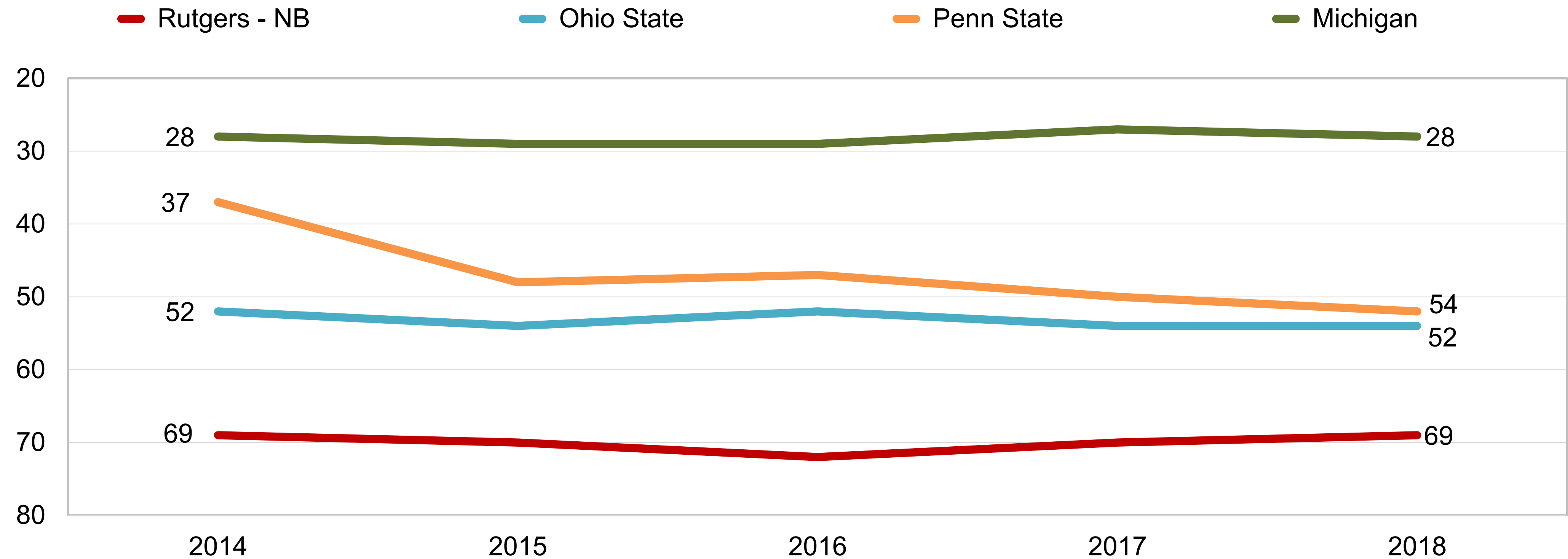
Rutgers vs Big Ten Peers

School	U.S. Rankings, BIG 10 Publics					
	Median Ranking	US News	WSJ/THE	Forbes	Kiplinger	Washington Monthly
University of Michigan-Ann Arbor	37	28	27	38	89	37
Purdue University-Main Campus	56	56	43	143	117	25
University of Illinois at Urbana-Champaign	61	52	48	69	98	-
University of Wisconsin-Madison	71	46	71	87	106	26
University of Maryland-College Park	72	61	82	72	91	70
University of Minnesota-Twin Cities	74	69	122	139	74	54
Michigan State University	81	81	80	178	252	38
Ohio State University-Main Campus	116	54	69	131	116	119
Indiana University-Bloomington	138	90	138	147	263	80
Rutgers University	142	69	147	158	142	68
Pennsylvania State University-Main Campus	142	52	125	142	206	145
University of Iowa	145	78	145	176	280	96
University of Nebraska-Lincoln	251	124	467	253	251	174

Note – If a range is given, lower number in range is listed. If more than one Rutgers campus is ranked, New Brunswick is referenced. Rankings reflect undergraduate programs.
 Source: US News 2018, WSJ/THE 2018, Forbes 2017, Kiplinger 2018, Washington Monthly 2017

Trends in US News National Rankings

Rutgers Compared To Select Higher-Ranked Peers



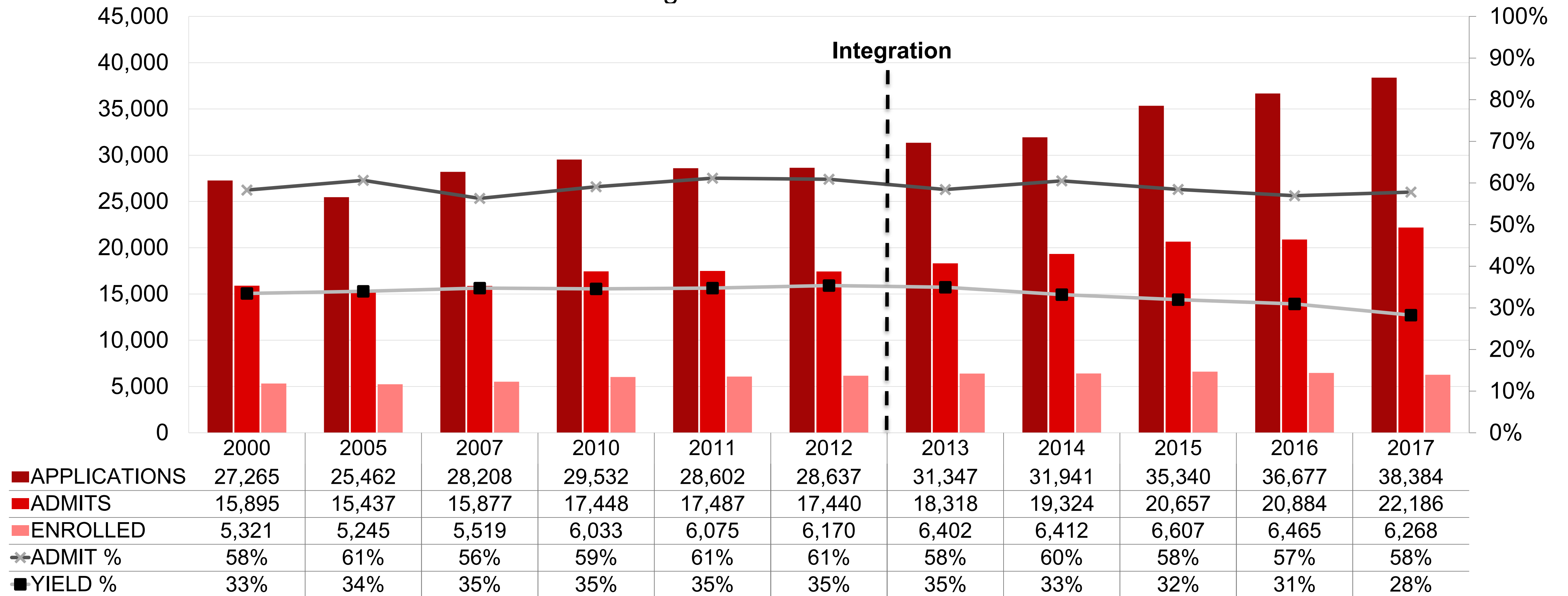
Discussion

Admissions, Affordability, and Academic Success

First-Time Degree-Seeking Undergraduate

Applications, Admissions, and Enrollment

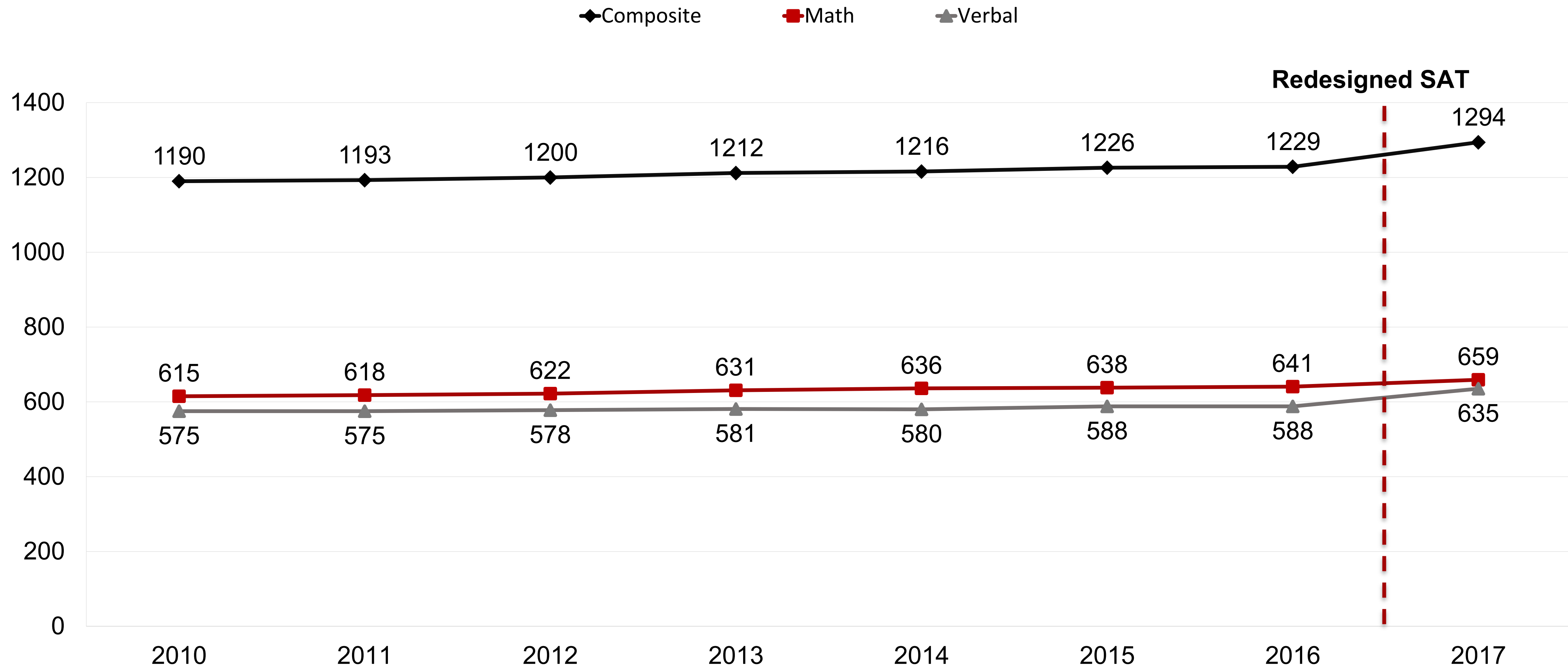
Rutgers–New Brunswick



Note – Legacy Rutgers Academic Units.
Source: NJAS Admissions Database

New First-Year Students SATs

Rutgers–New Brunswick

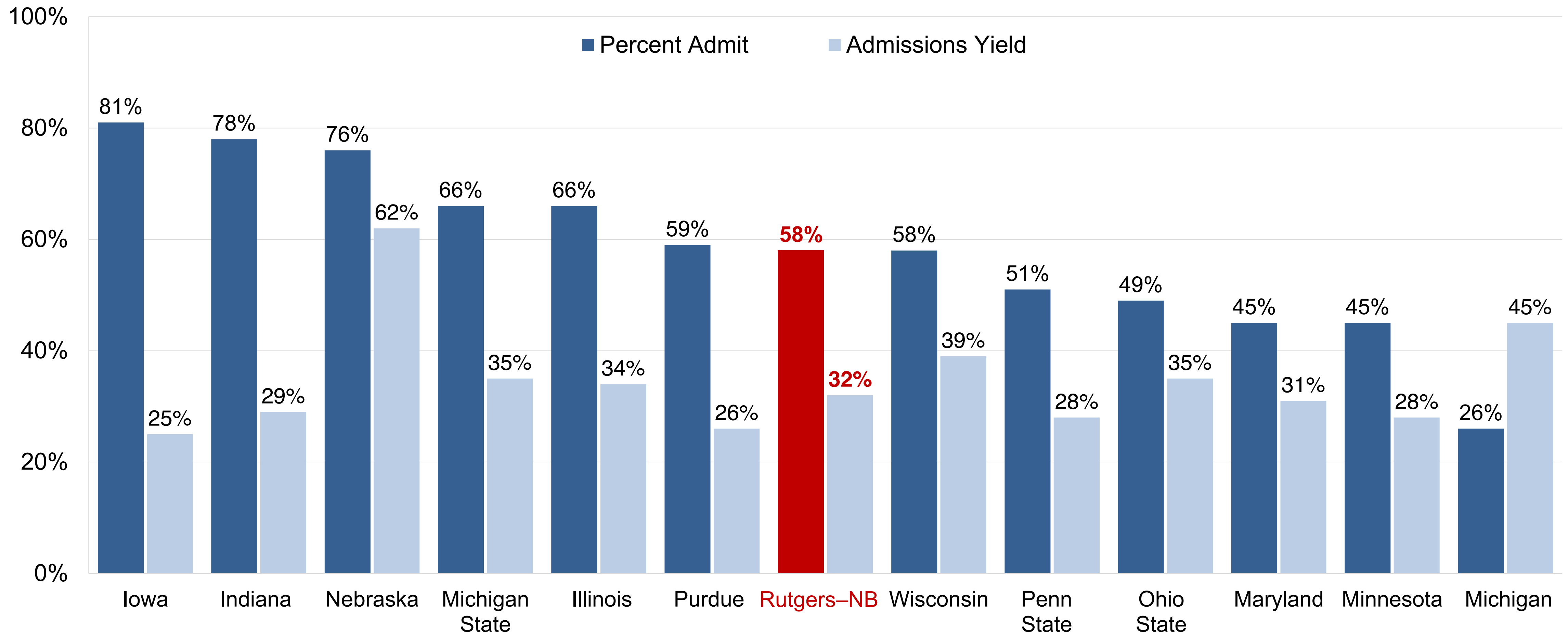


Note – Legacy Rutgers Academic Units.
Source: NJAS Admissions Database

First-Time Undergraduate Percent Admit and Percent Yield

Big Ten Universities

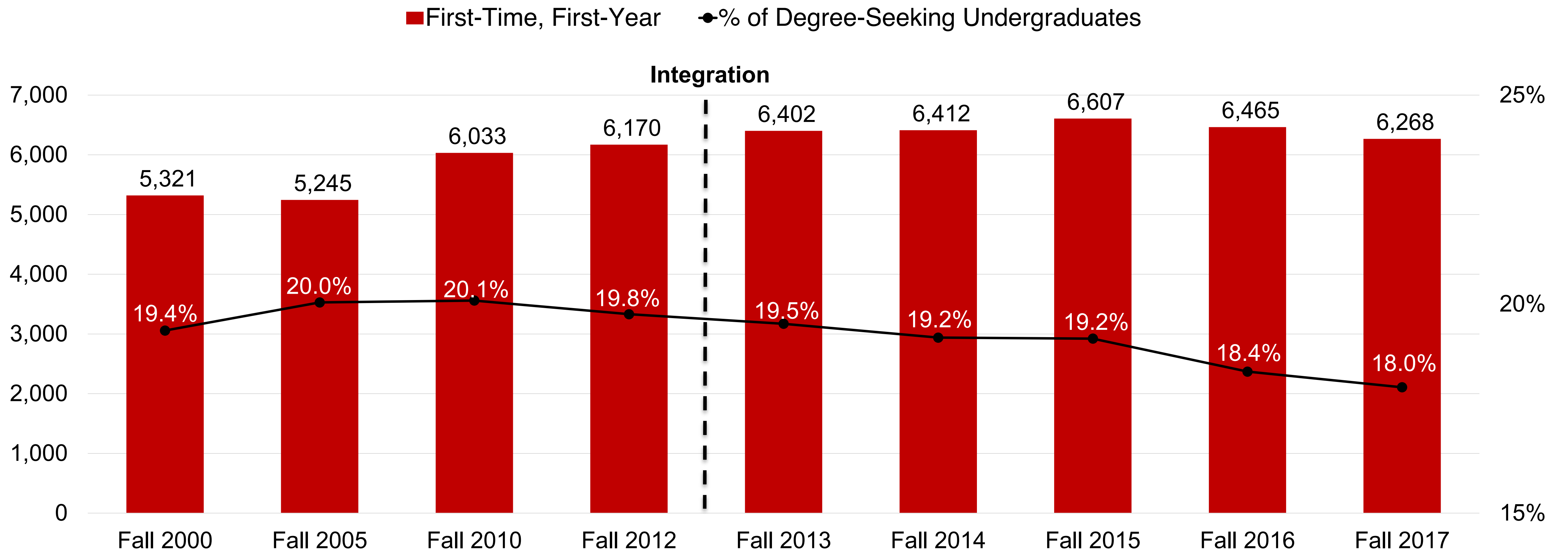
Fall 2016



Note – Includes Rutgers Biomedical and Health Sciences.

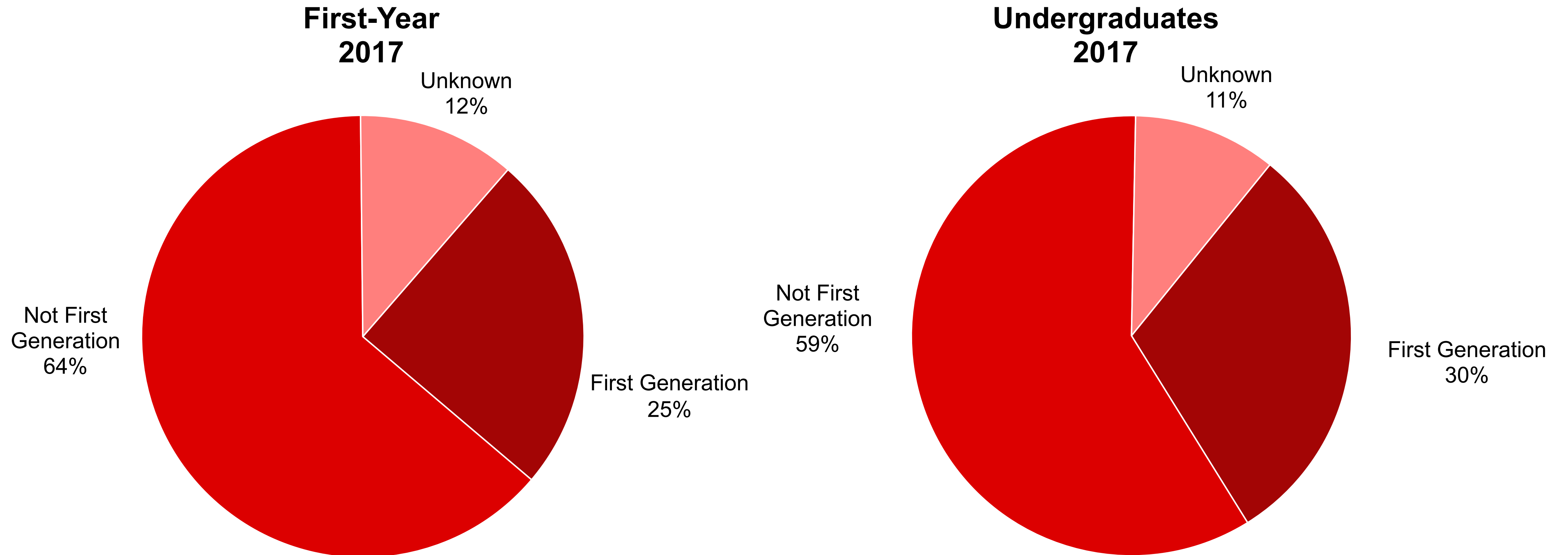
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Size of Incoming First-Year Class & Percent of Degree-Seeking Undergraduate Students Rutgers–New Brunswick



Note – Legacy Rutgers Academic Units (School of Nursing also includes legacy UMD Nursing unit). School of Nursing not included in years prior to 2013. Reflects degree-seeking students.

Percent of First-Generation Undergraduate Students Rutgers–New Brunswick



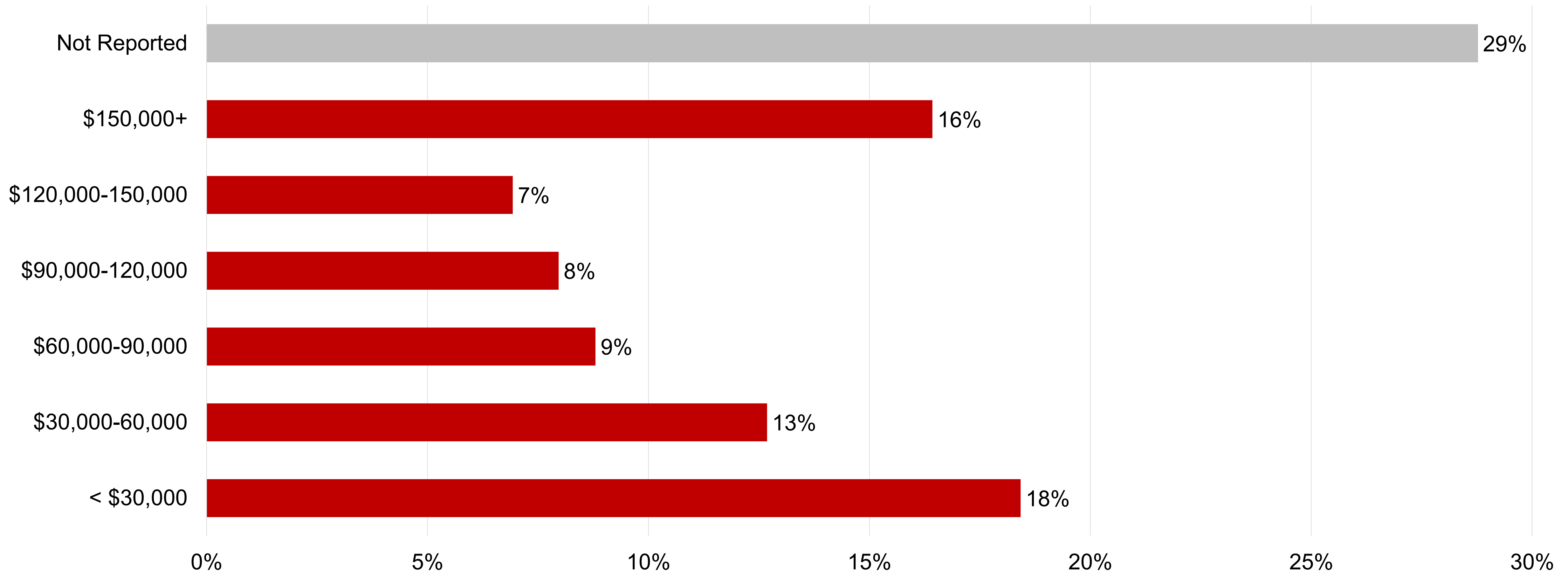
As defined under the Higher Education Act of 1965, the term “first generation college student” means:
 (A) an individual both of whose parents did not complete a baccalaureate degree; or
 (B) in the case of any individual who regularly resided with and received support from only one parent, an individual whose only such parent did not complete a baccalaureate degree.”

Note – Reflects degree-seeking students. Reflects Legacy Rutgers Academic Units.

Family Adjusted Gross Income (AGI) for First-Time Undergraduates

Rutgers–New Brunswick

Fall 2016

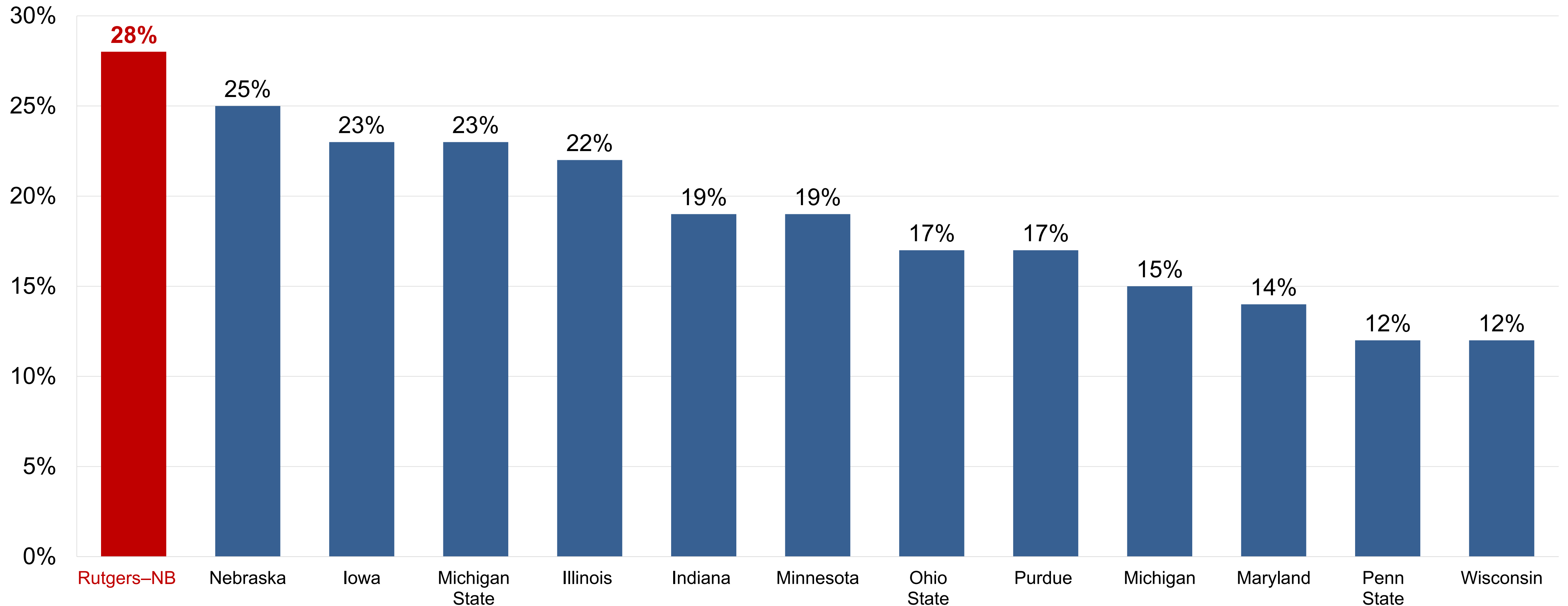


Note – Legacy Rutgers Academic Units. Reflects first-time, first-year degree-seeking students. Reflects FAFSA calculated AGI.
Source: Internal financial aid data

Percent of First-Time Full-Time Undergraduates Awarded Pell Grants

Big Ten Universities

Fall 2016



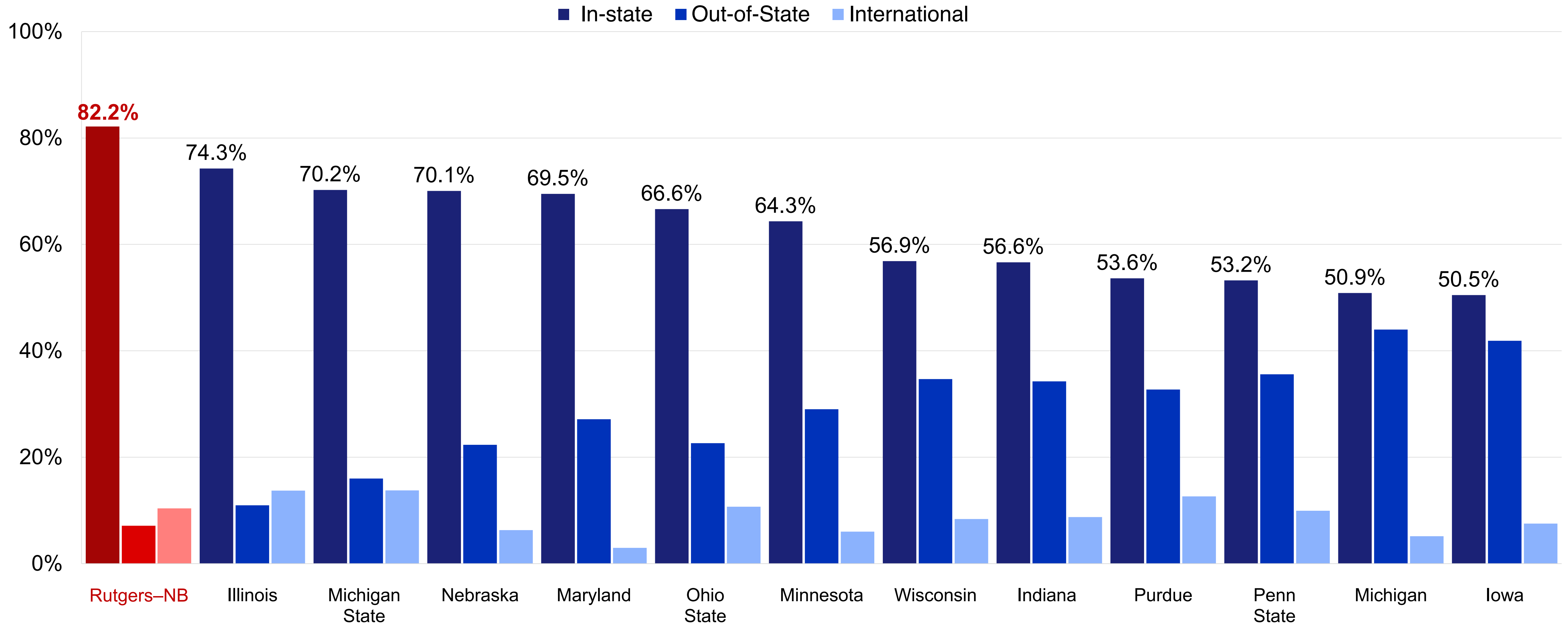
Note – Includes Rutgers Biomedical and Health Sciences.

Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

First-Time Undergraduate Enrollment by Residency

Big Ten Universities

Fall 2016



Note – Includes Rutgers Biomedical and Health Sciences.

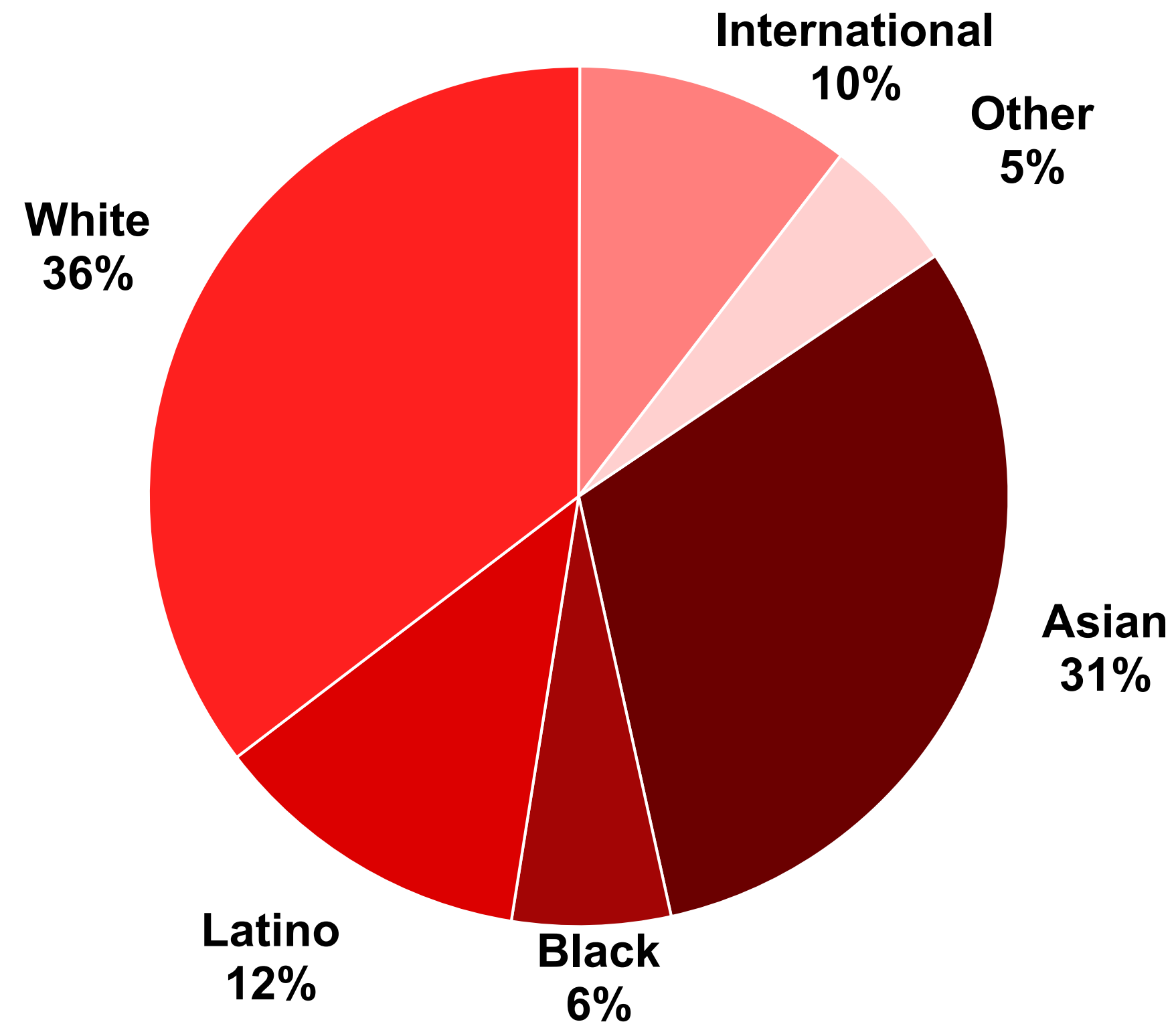
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

First-Time Full-Time Undergraduate Enrollment By Race/Ethnicity/International

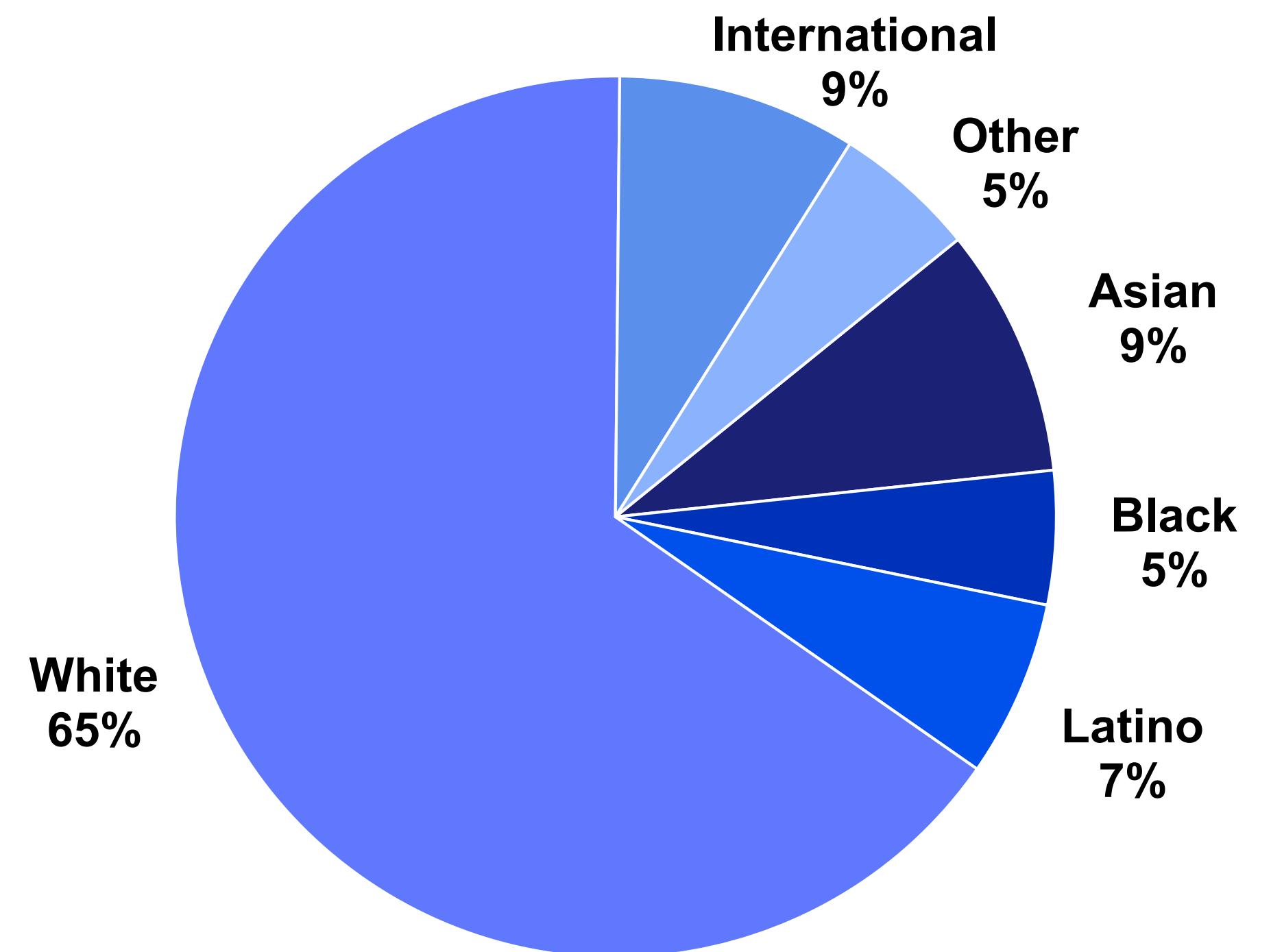
Big Ten Universities

Fall 2016

Rutgers–New Brunswick



Big Ten

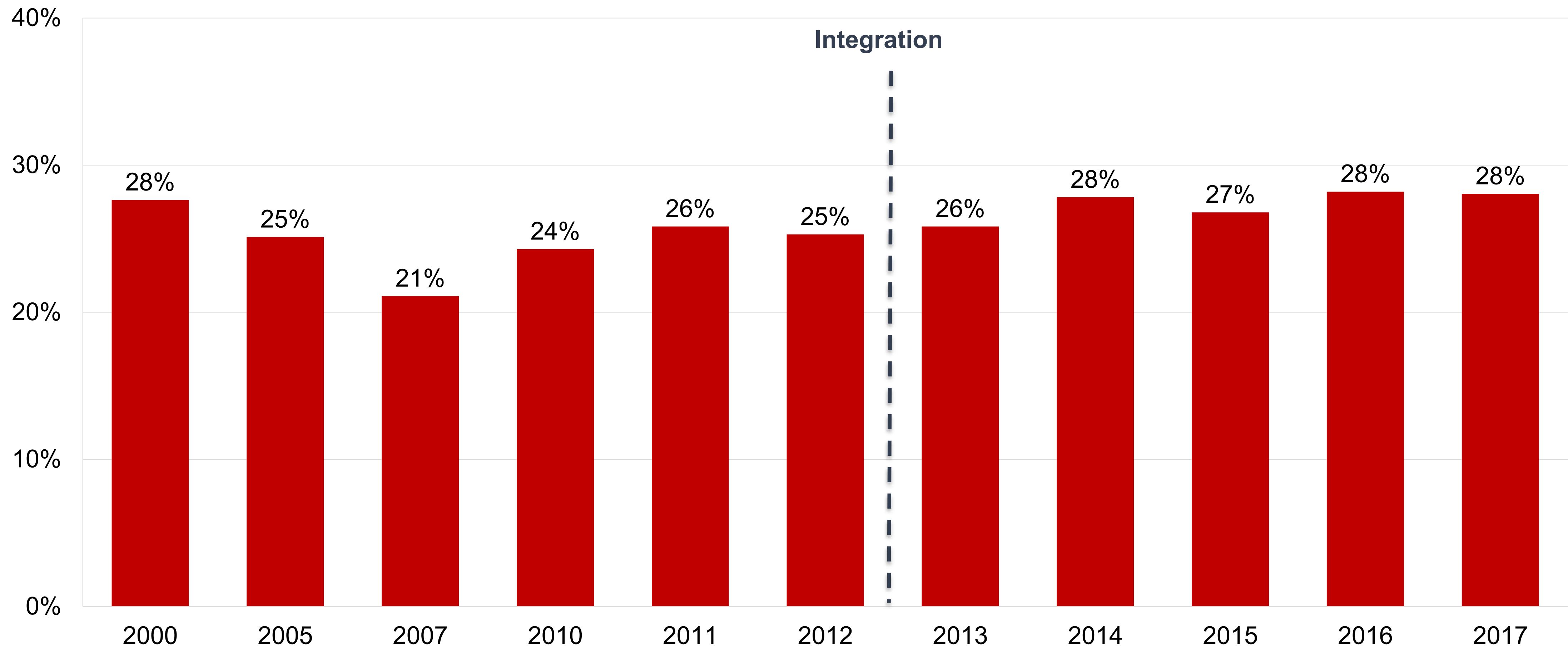


Note – Includes Rutgers Biomedical and Health Sciences.

Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Percent of Transfer Students in the Incoming Class

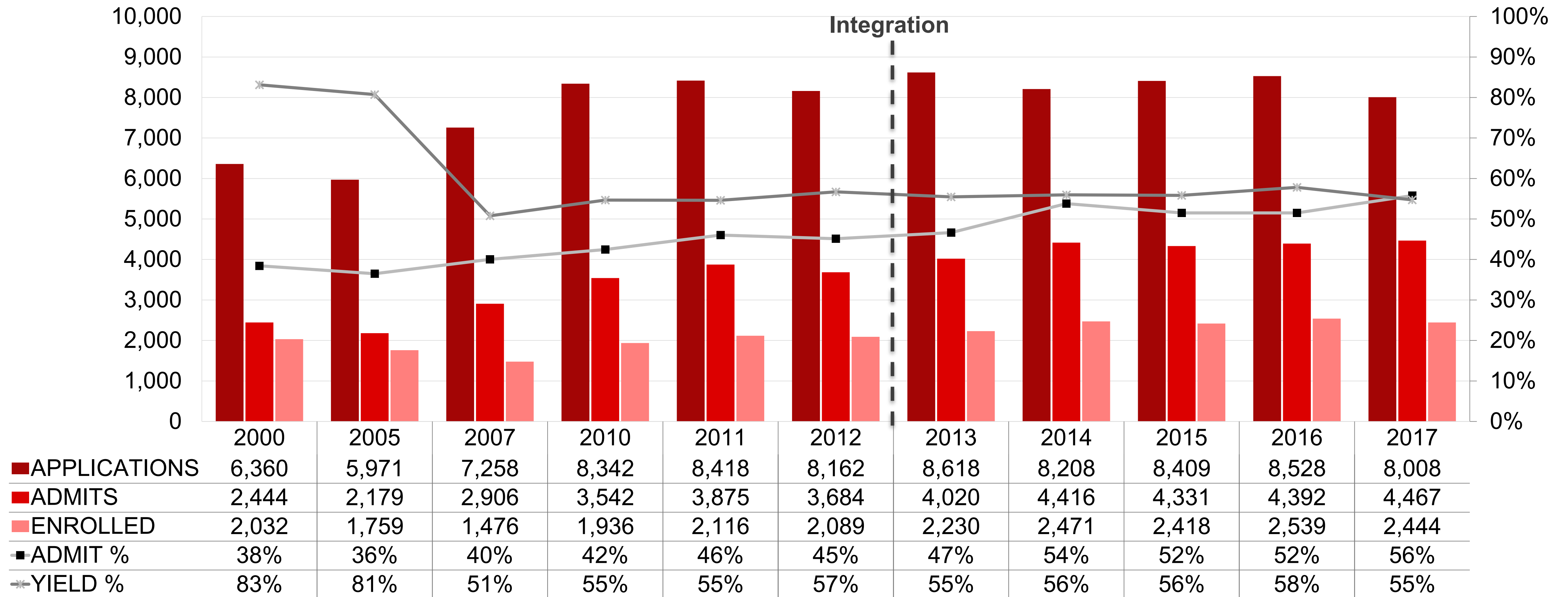
Rutgers–New Brunswick



Note – Legacy Rutgers Academic Units.
Source: NJAS Admissions Database

Undergraduate Degree-Seeking Transfer Students

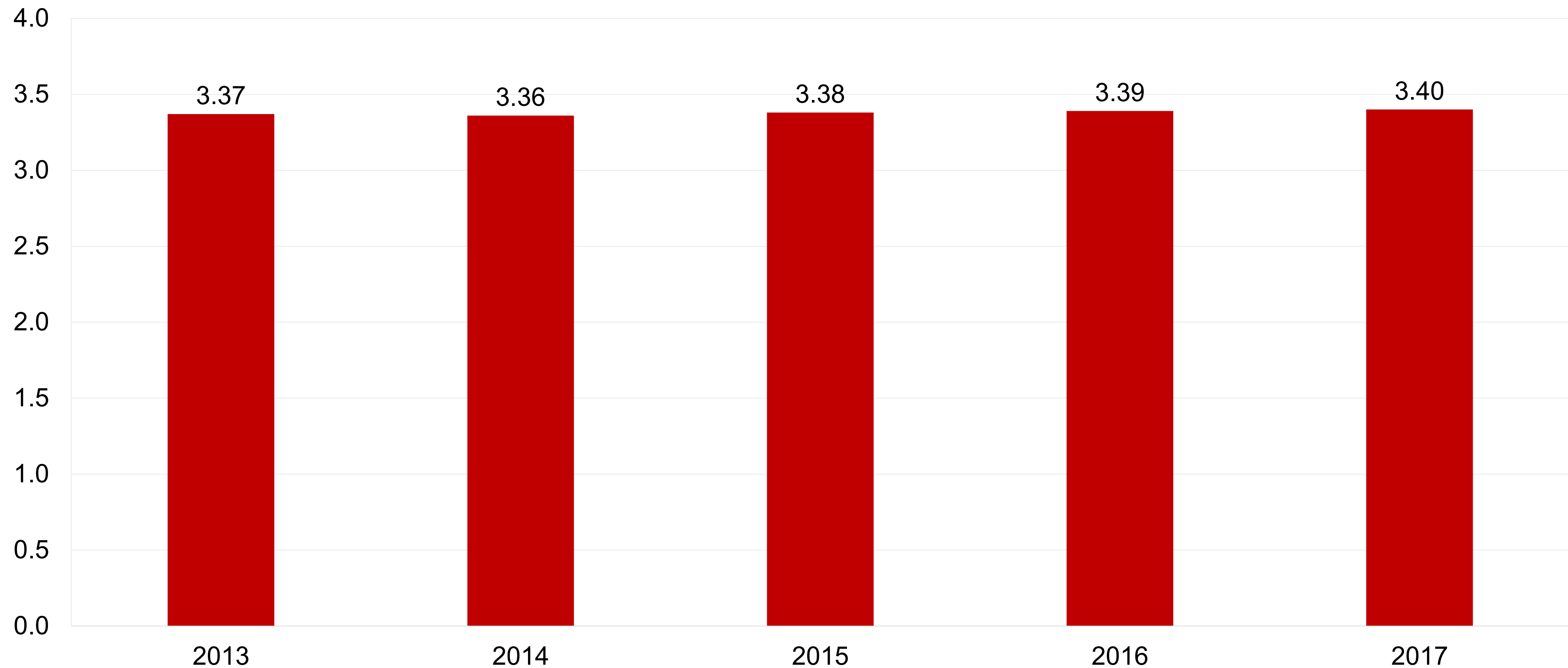
Rutgers–New Brunswick



Note – Legacy Rutgers Academic Units.
Source: NJAS Admissions Database

Incoming Transfer Students, Average College GPA

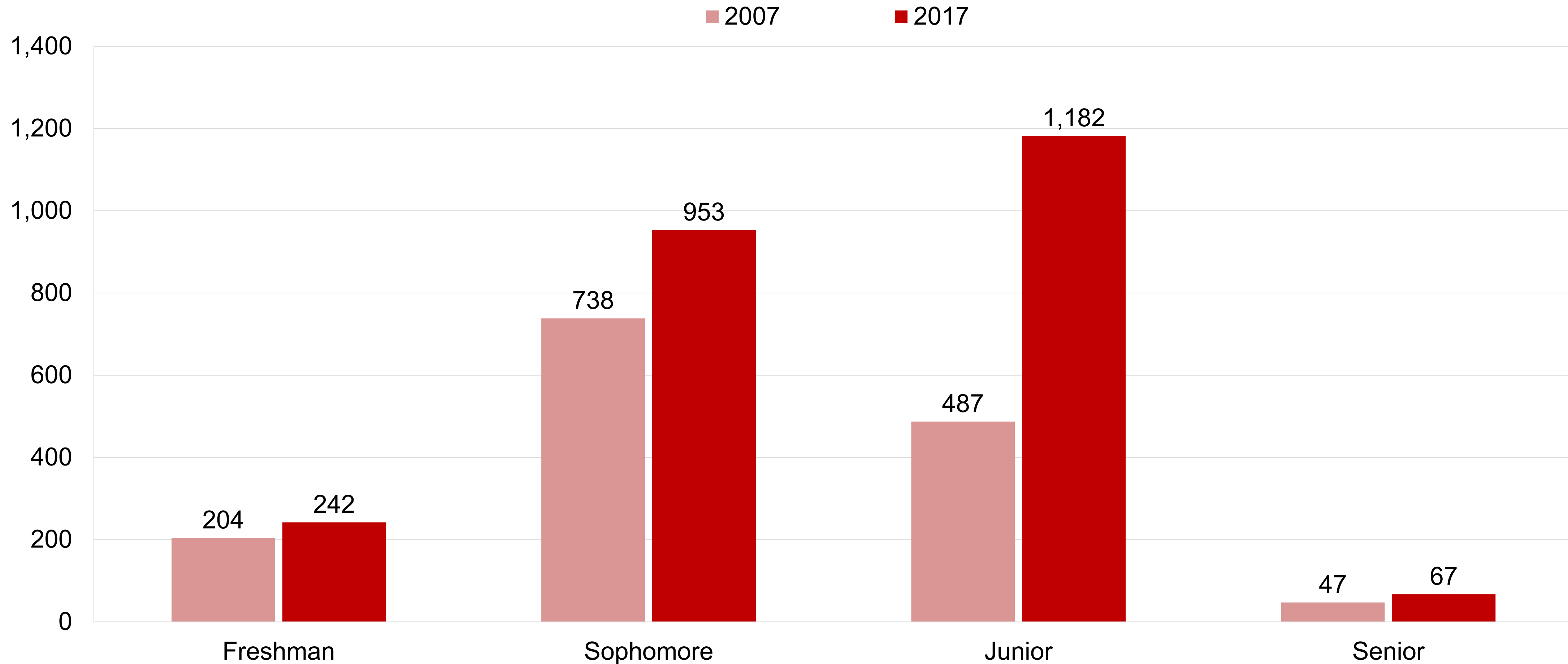
Rutgers–New Brunswick



Note – Legacy Rutgers Academic Units. Reflects degree-seeking students.
Source: NJAS Admissions Database

Incoming Transfer Students by Class Level

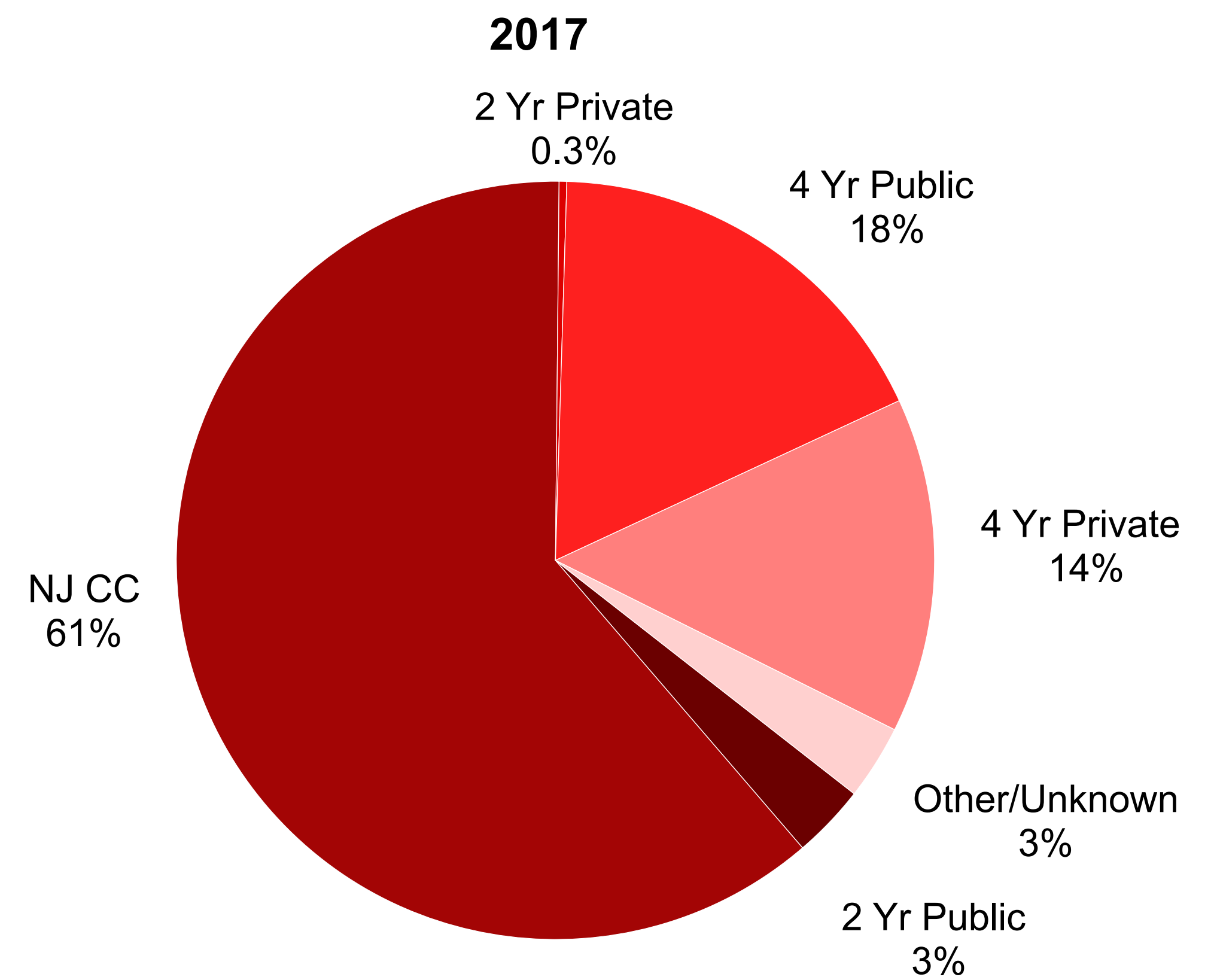
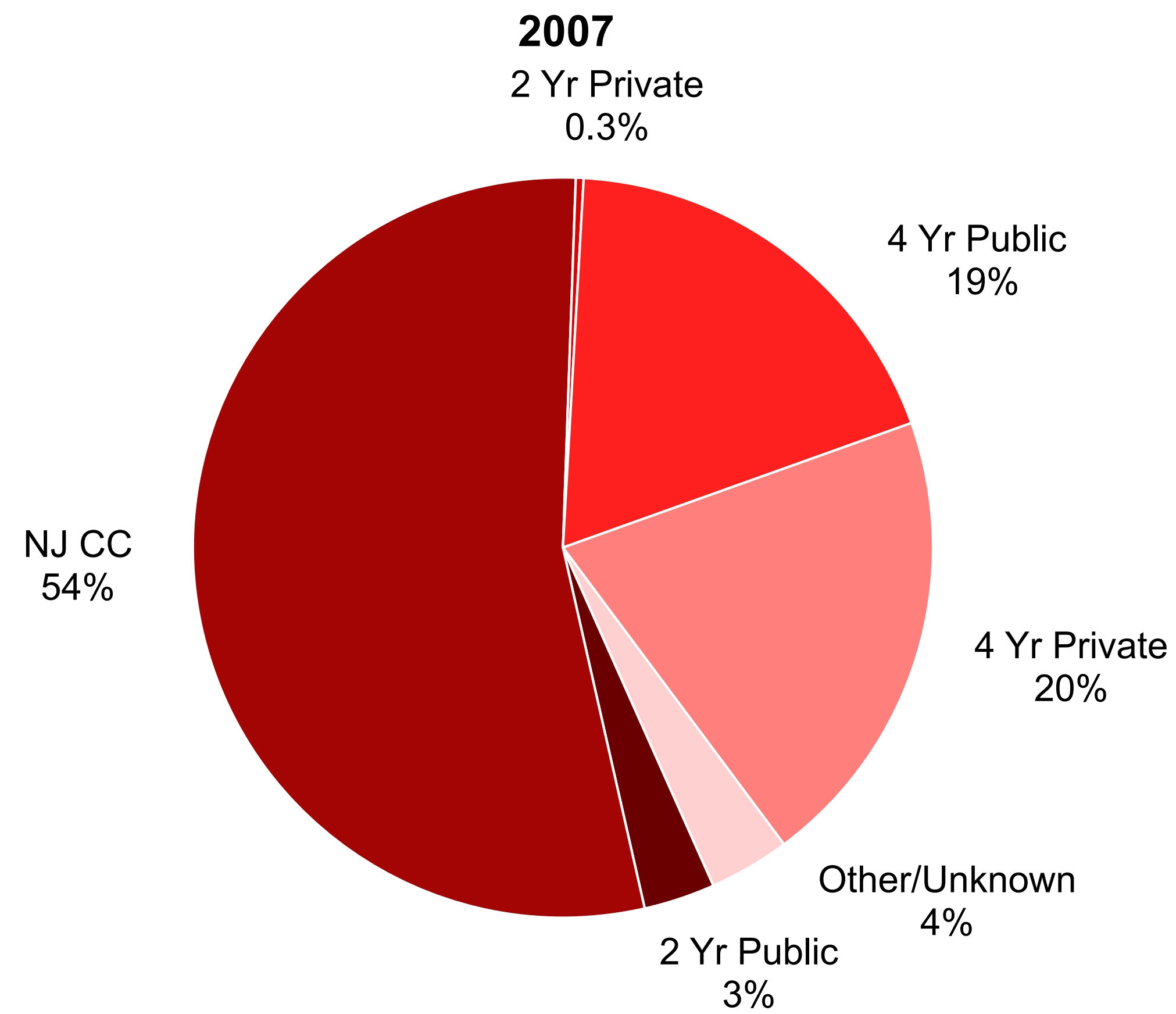
Rutgers–New Brunswick



Note – Legacy Rutgers Academic Units. Reflects degree-seeking students.
Source: NJAS Admissions Database

Incoming Transfer Students by Type of Sending Institution

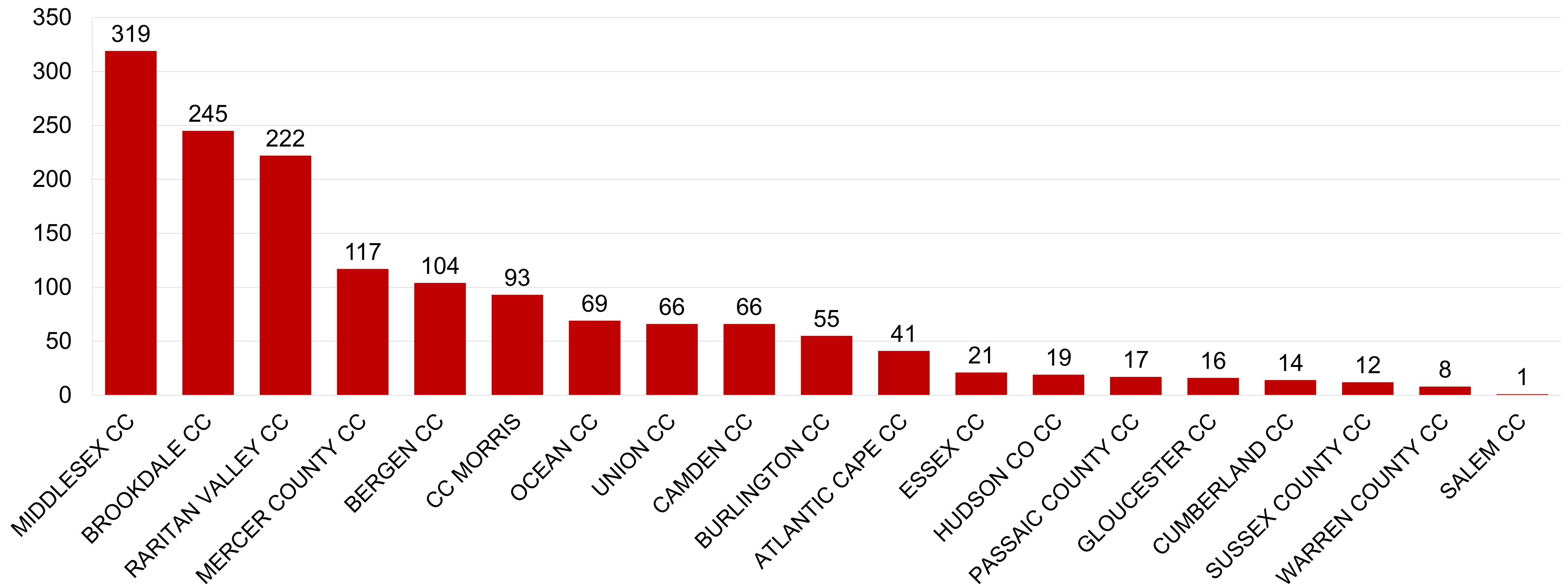
Rutgers–New Brunswick



Incoming Transfer Students by NJ Community College

Rutgers–New Brunswick

Fall 2017



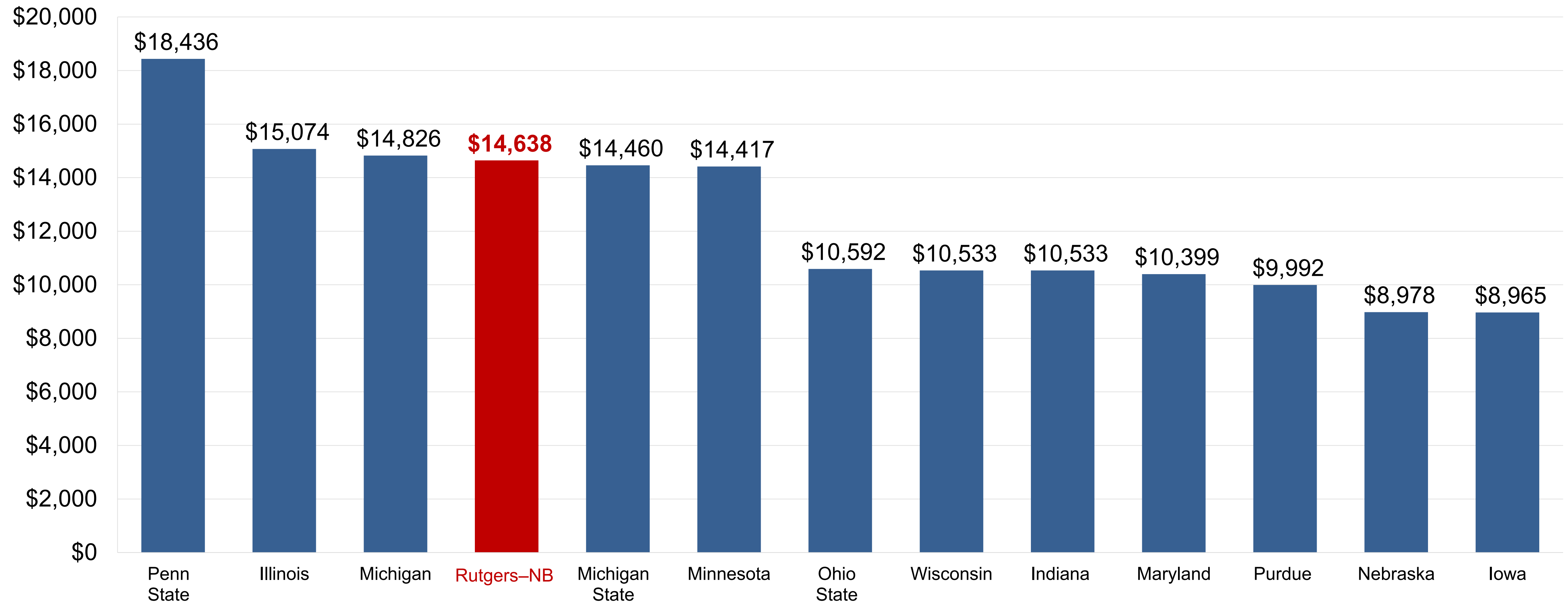
Note – Legacy Rutgers Academic Units. Reflects degree-seeking students.
Source: NJAS Admissions Database

Discussion

Annual In-State Undergraduate Tuition and Fees

Big Ten Universities

2017-18

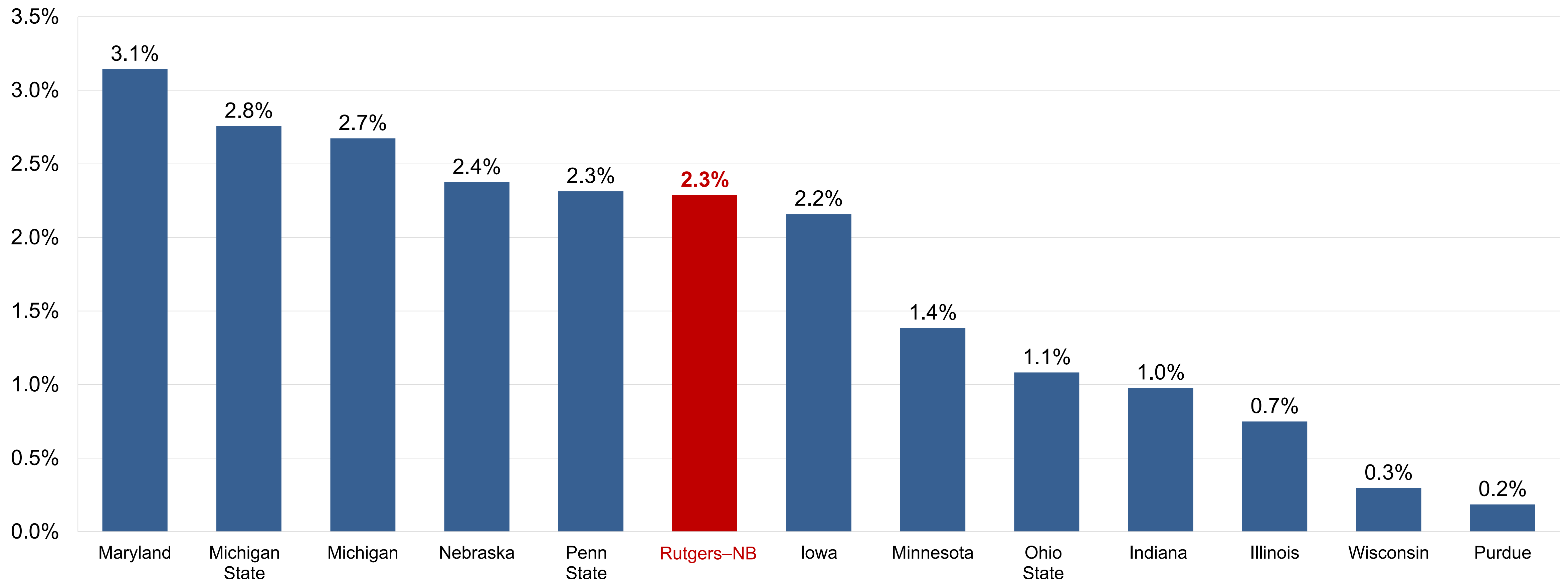


Note – Includes Rutgers Biomedical and Health Sciences. Published tuition and required fees shown for first-time, full-time students.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Percent Increase for Annual In-State Undergraduate Tuition and Fees

Big Ten Universities

AY12 - AY17

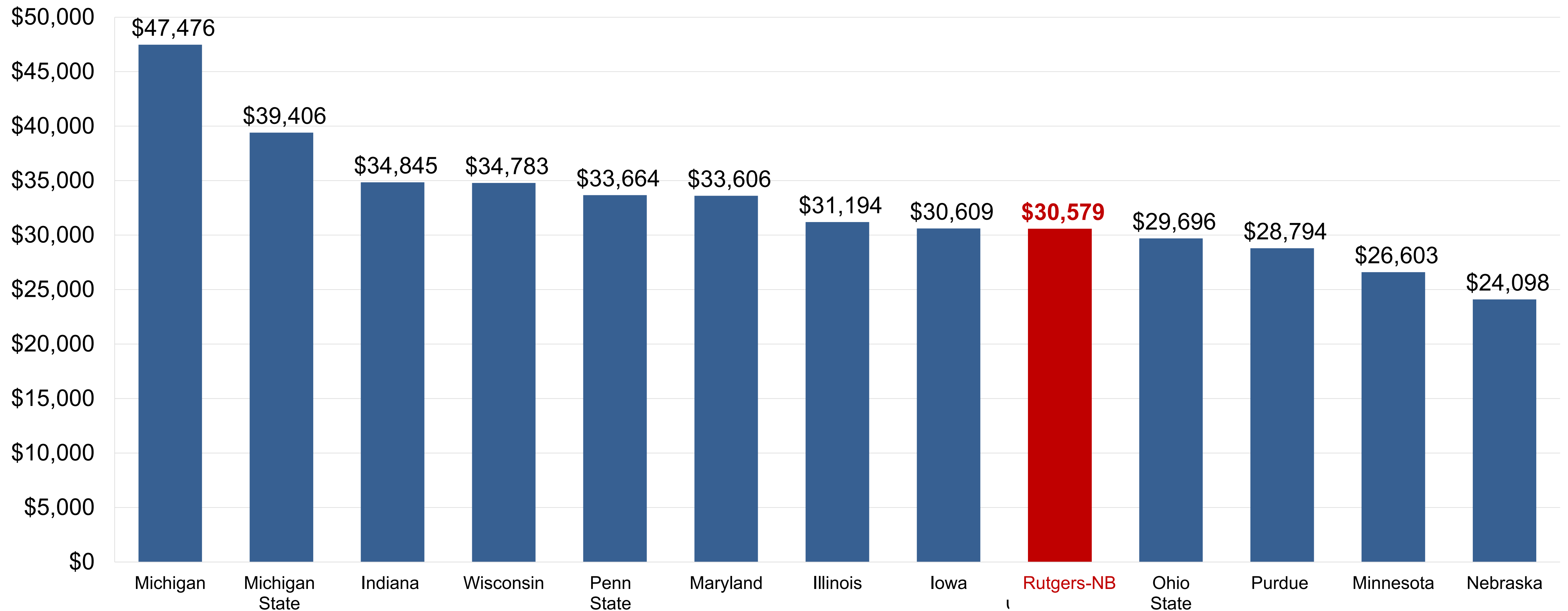


Note – Includes Rutgers Biomedical and Health Sciences. Published tuition and required fees shown for first-time, full-time students.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Annual Out-of-State Undergraduate Tuition and Fees

Big Ten Universities

2017-18

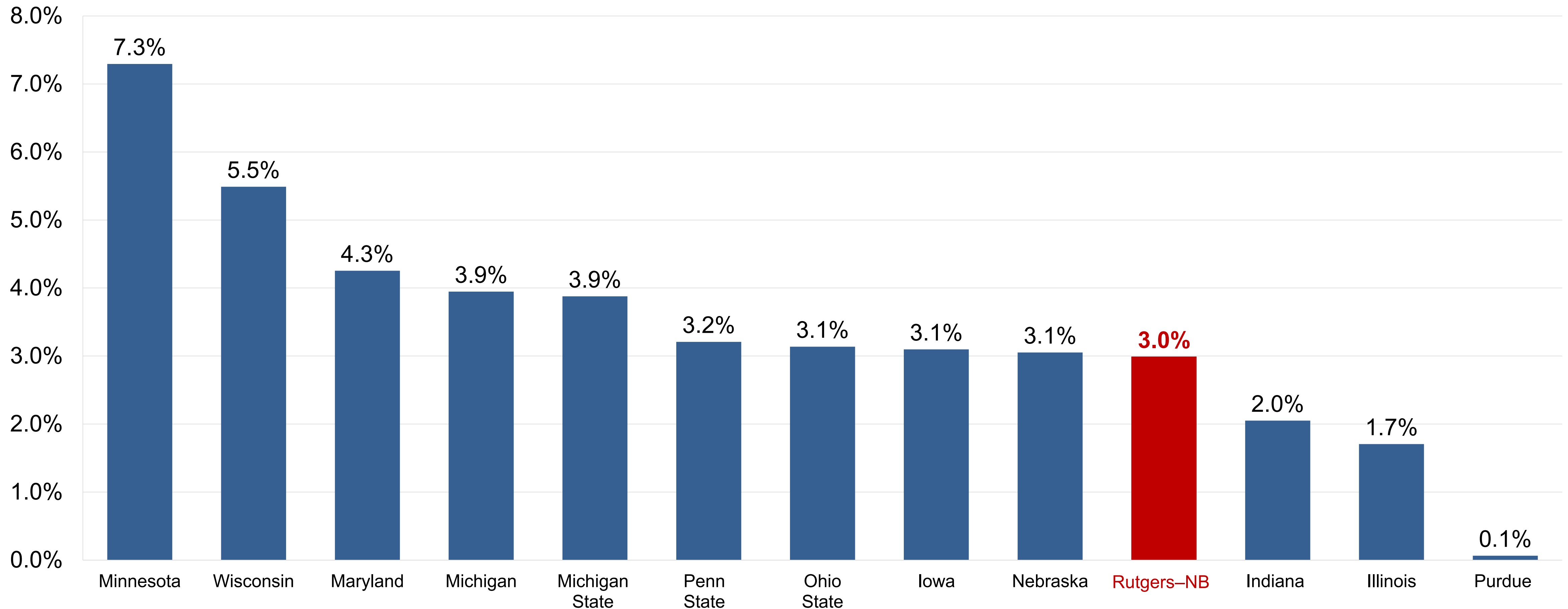


Note – Includes Rutgers Biomedical and Health Sciences. Published tuition and required fees shown for first-time, full-time students.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Percent Increase for Annual Out-of-State Undergraduate Tuition & Fees

Big Ten Universities

AY12 - AY17



Note – Includes Rutgers Biomedical and Health Sciences. Published tuition and required fees shown for first-time, full-time students.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Net Price Paid by Students After Scholarships and Grants

By Income Levels – FY2017

Rutgers–New Brunswick	FY17
Total Cost	\$29,550
Net Price by Income	
\$0–\$30,000	\$11,640
\$30,001–\$48,000	\$13,839
\$48,001–\$75,000	\$20,201
\$75,001–\$110,000	\$26,280
\$110,001 and more	\$27,819

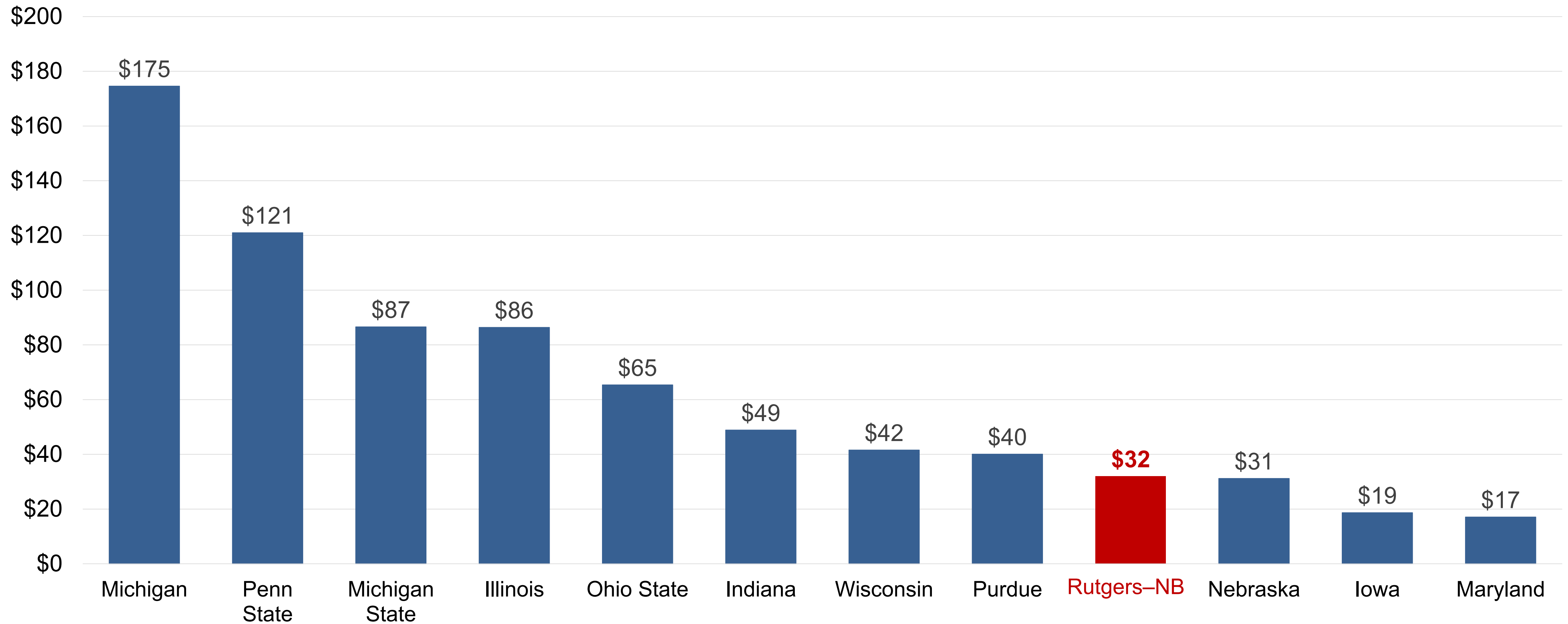
Note – Total costs include tuition, fees, room, board, and other expenses. Figures shown are impacted by commuter/resident mix at each location. Income cohorts include First-Time, Full-Time in-state undergraduates awarded any Title IV federal aid (grants, loans, work study). Net price based on grant aid awarded only (all sources).

Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Total Institutional Need Based Grant Aid

Big Ten Universities

\$=Millions – AY17

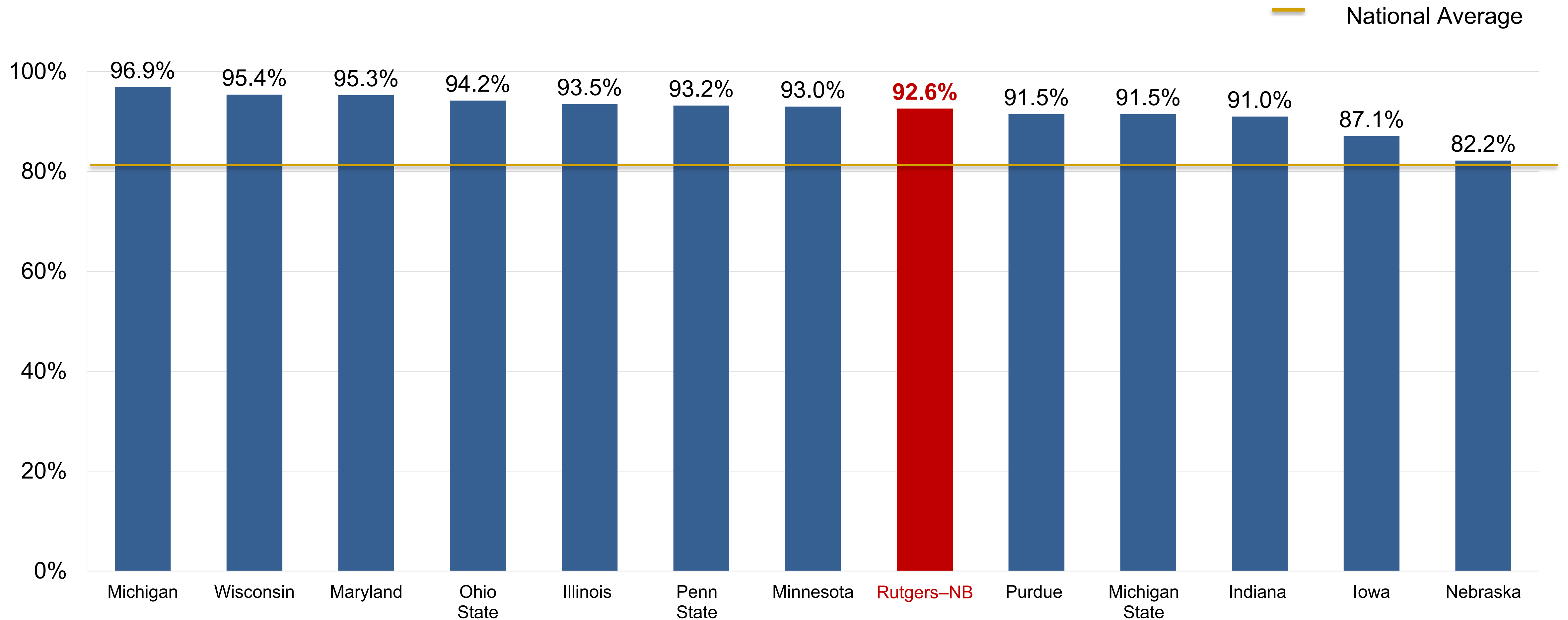


Note – Self-reported March 2018; subject to change. Minnesota did not share figures.

One-Year Retention Rate

Big Ten Universities

Fall 2015 Cohort

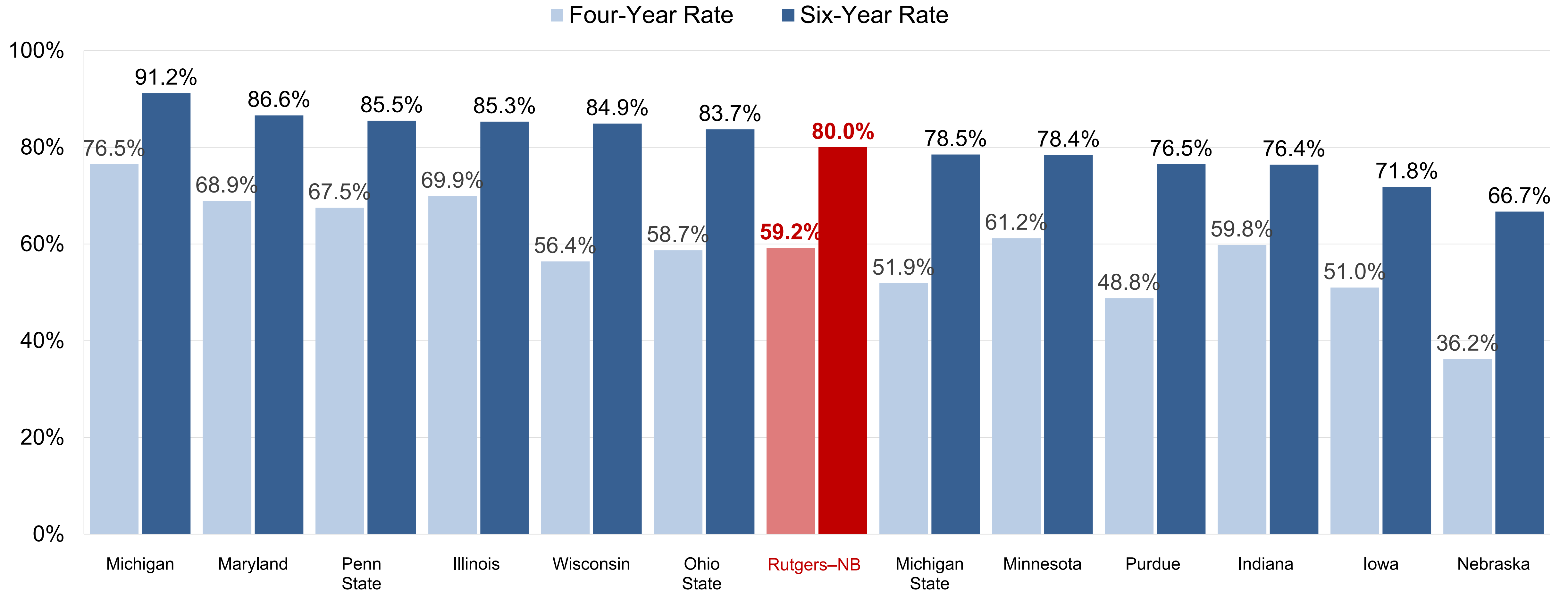


Note – Includes Rutgers Biomedical and Health Sciences. National average reflects all 4-year + Title IV postsecondary institutions in the United States.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Four- and Six-Year Graduation Rates

Big Ten Universities

Fall 2010 Cohort

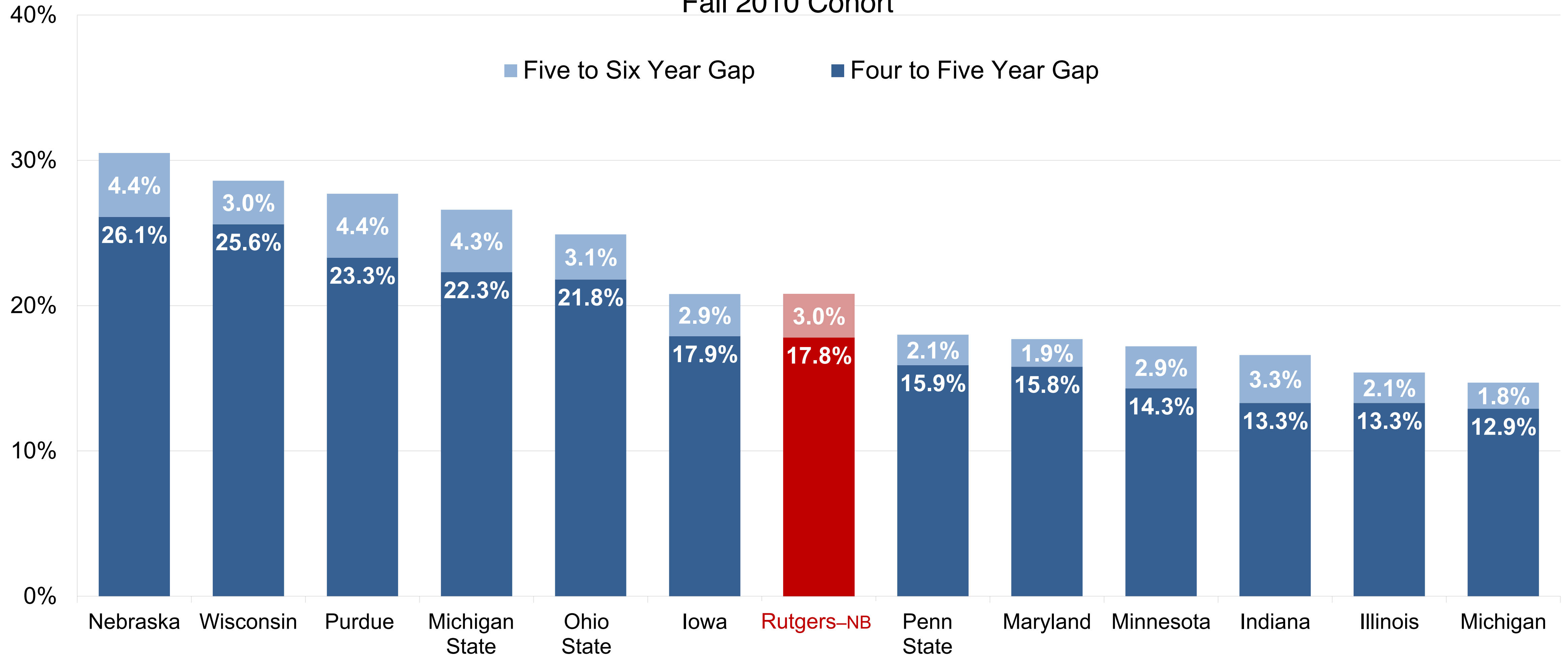


Note – Includes Rutgers Biomedical and Health Sciences. First-Time, Full-Time degree-seeking undergraduates. U.S. average among Public Doctoral Research Universities, per Carnegie Classifications.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Graduation Rate Gap

Big Ten Universities

Fall 2010 Cohort

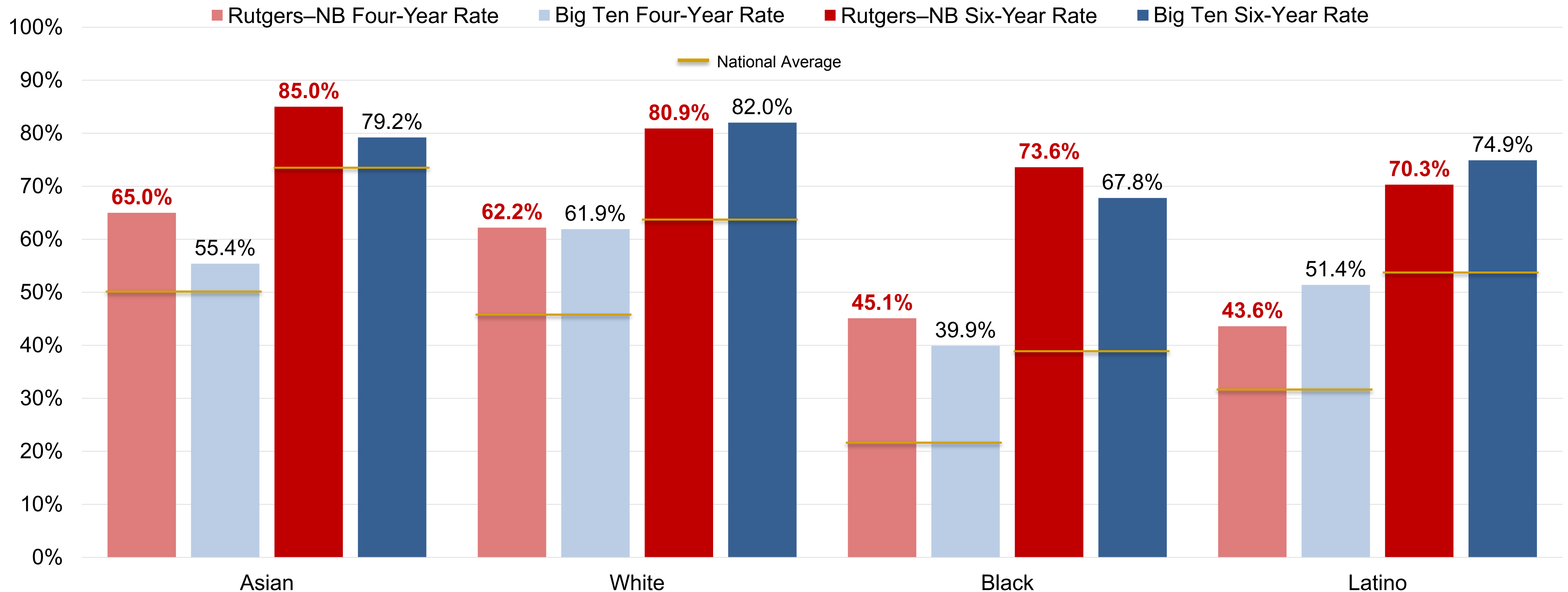


Note – Includes Rutgers Biomedical and Health Sciences. First-Time, Full-Time degree-seeking undergraduates.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Four- and Six-Year Graduation Rate by Race/Ethnicity

Rutgers–New Brunswick & Big Ten Universities

2010 Cohort

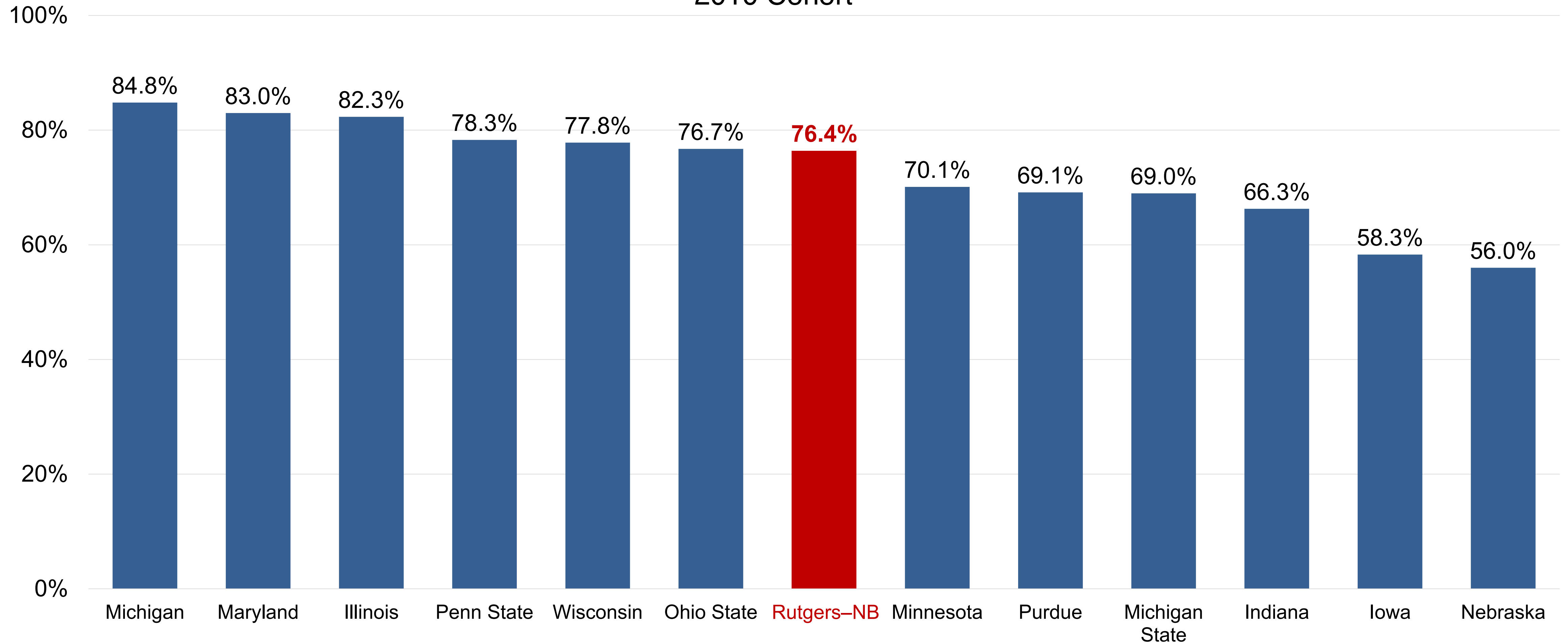


Note – Includes Rutgers Biomedical and Health Sciences. First-Time, Full-Time degree-seeking undergraduates. National averages reference four-year and six-year rates for 2010 cohort. National averages reflects all 4-year + Title IV postsecondary institutions in the United States.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Six-Year Graduation Rate Among Pell Recipients

Big Ten Universities

2010 Cohort

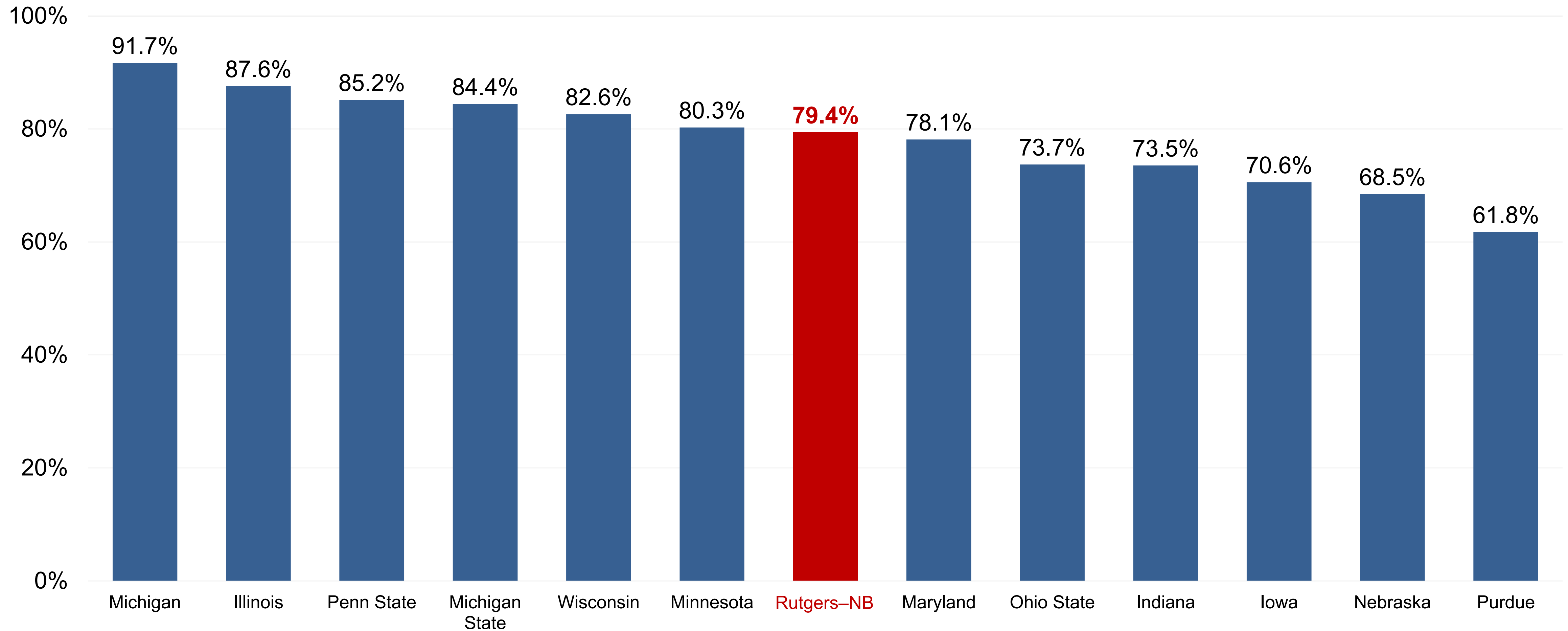


Note – Includes Rutgers Biomedical and Health Sciences. First-Time, Full-Time degree-seeking undergraduates.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Six-Year Graduation Rate Among Transfer Students

Big Ten Universities

2008 Cohort

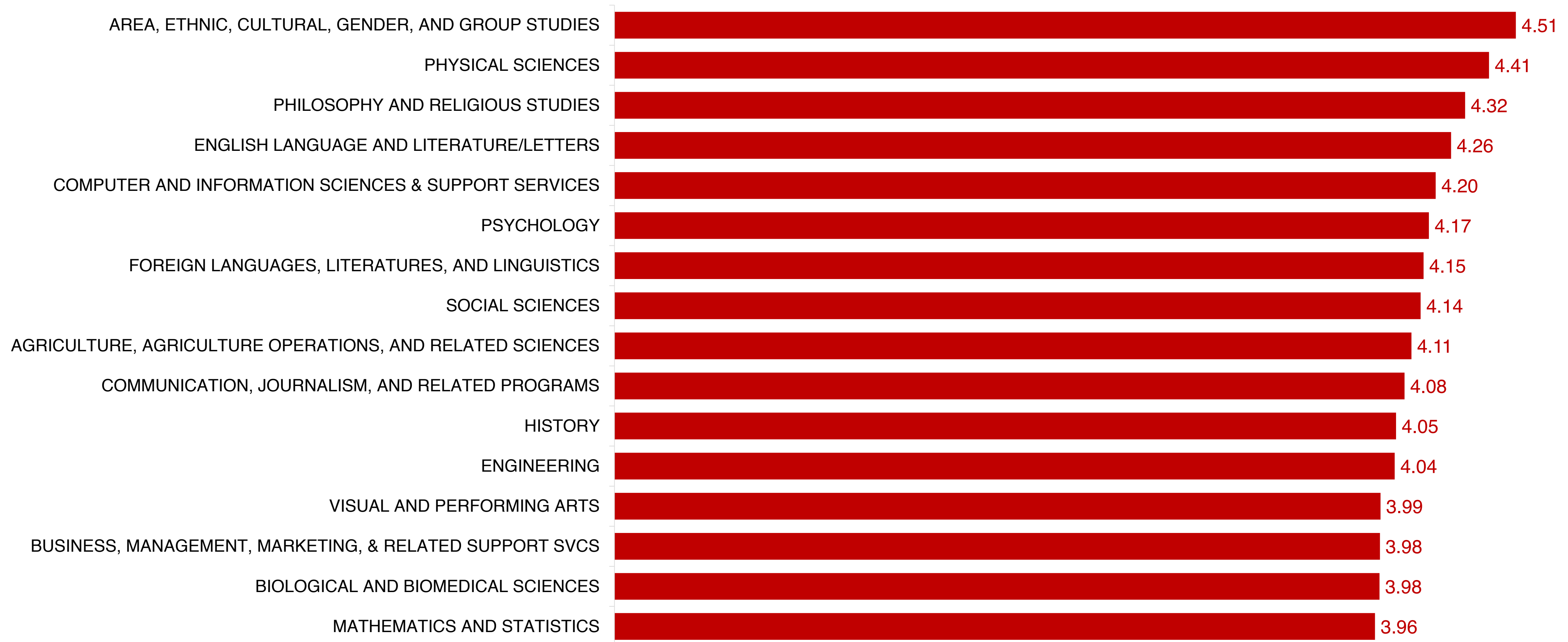


Note – Includes Rutgers Biomedical and Health Sciences. Full-time, non-first-time degree-seeking undergraduates.
Source: National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Time to Degree by Broad CIP Discipline

Rutgers–New Brunswick

2016



Note – Time to degree calculation reflects full academic year.

Key Points

- Rutgers–New Brunswick prides itself on the academic achievements and socioeconomic diversity of its student body. However, compared to its Big Ten peers, the university enrolls a small percentage of out-of-state students.
- Transfer students have been, and will continue to be, a large and valued segment of the undergraduate population at Rutgers–New Brunswick.
- While tuition and fee rates at Rutgers–New Brunswick still fall among the top half of its Big Ten peer group, the university has been successful in keeping increases to modest levels in recent years (2.3% on average).
- Federal, state, and institutional grants and scholarships help reduce the costs of a Rutgers–New Brunswick education for many students.
- Though strong overall, there remains significant room for improvement in the graduation rates for Rutgers–New Brunswick undergraduates. In particular, increases in the four-year rates and in the rates for African-American and Hispanic students should continue to be actively pursued.

Discussion

Undergraduate Academic Offerings Beyond the Classroom

Undergraduate Academic Affairs

**Edward J. Bloustein School of
Planning and Public Policy**

**Mason Gross School
of the Arts**

Rutgers Business School

School of Arts and Sciences

**School of Communication
and Information**

School of Engineering

**School of Environmental
and Biological Sciences**

**School of Management
and Labor Relations**

School of Social Work

Undergraduate Academic Affairs



Excellence

- Byrne Seminars
- Aresty Research Center
- Distinguished Fellowships
- Phi Beta Kappa Society



Access

- Student Access and Educational Equity
- Educational Opportunity Fund
- Student Support Services
- Ronald E. McNair
- RU-1st & Educational Outreach
- LSAMP



Support

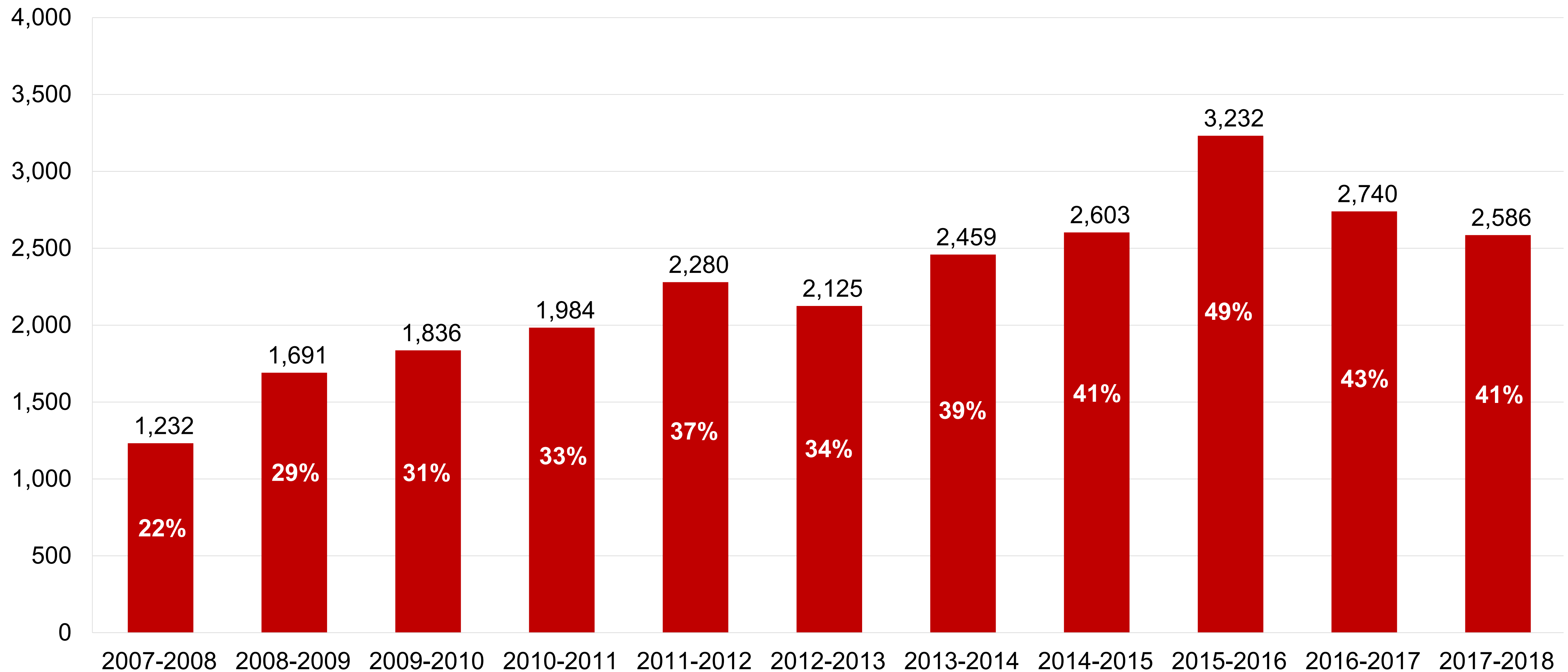
- Rutgers Learning Centers
- University Career Services
- University College
- ROTC
- Pre-Law Advising



Policy

- Undergraduate Academic Affairs Leadership Council
- Task Force and Committee Work
- Policy Development and Oversight
- Tyler Clementi Center

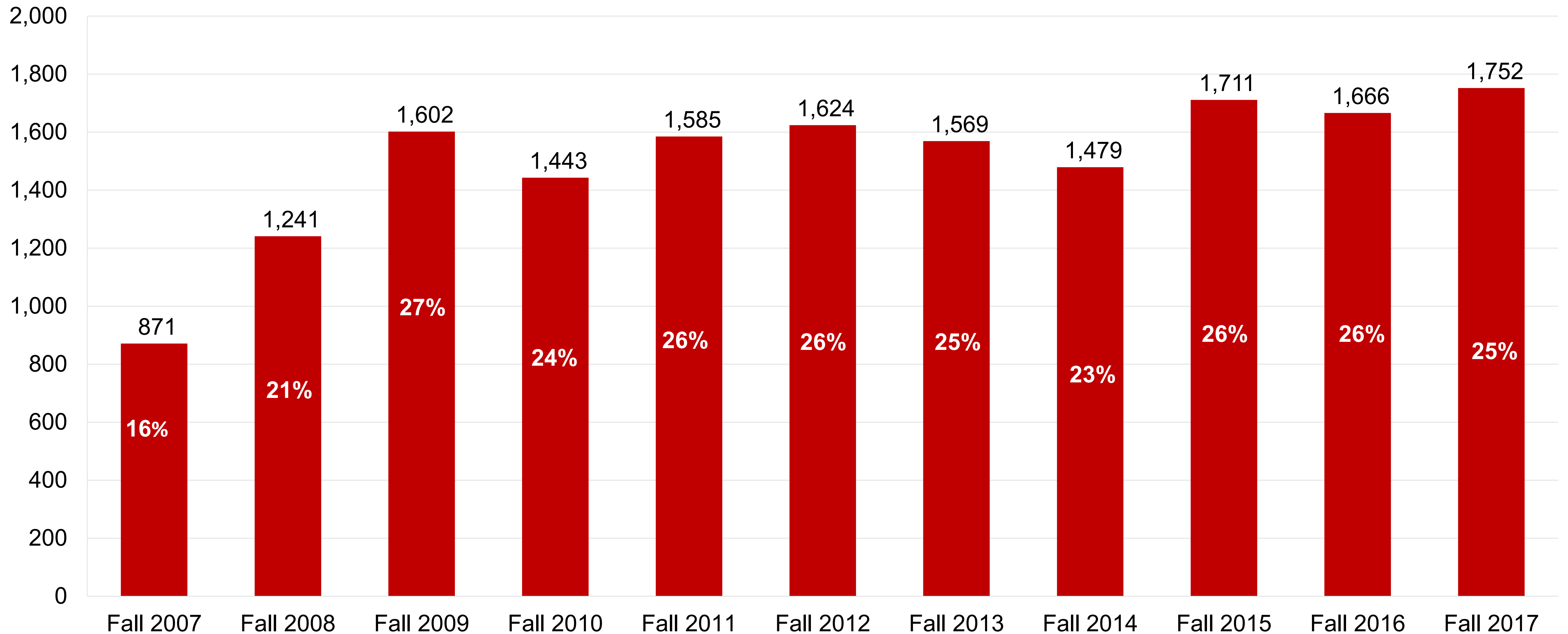
Number and Percentage of First-Year Students in a Byrne Seminar



Note – Excludes Rutgers Biomedical and Health Sciences.

Source: Student Record Database (SRDB), National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

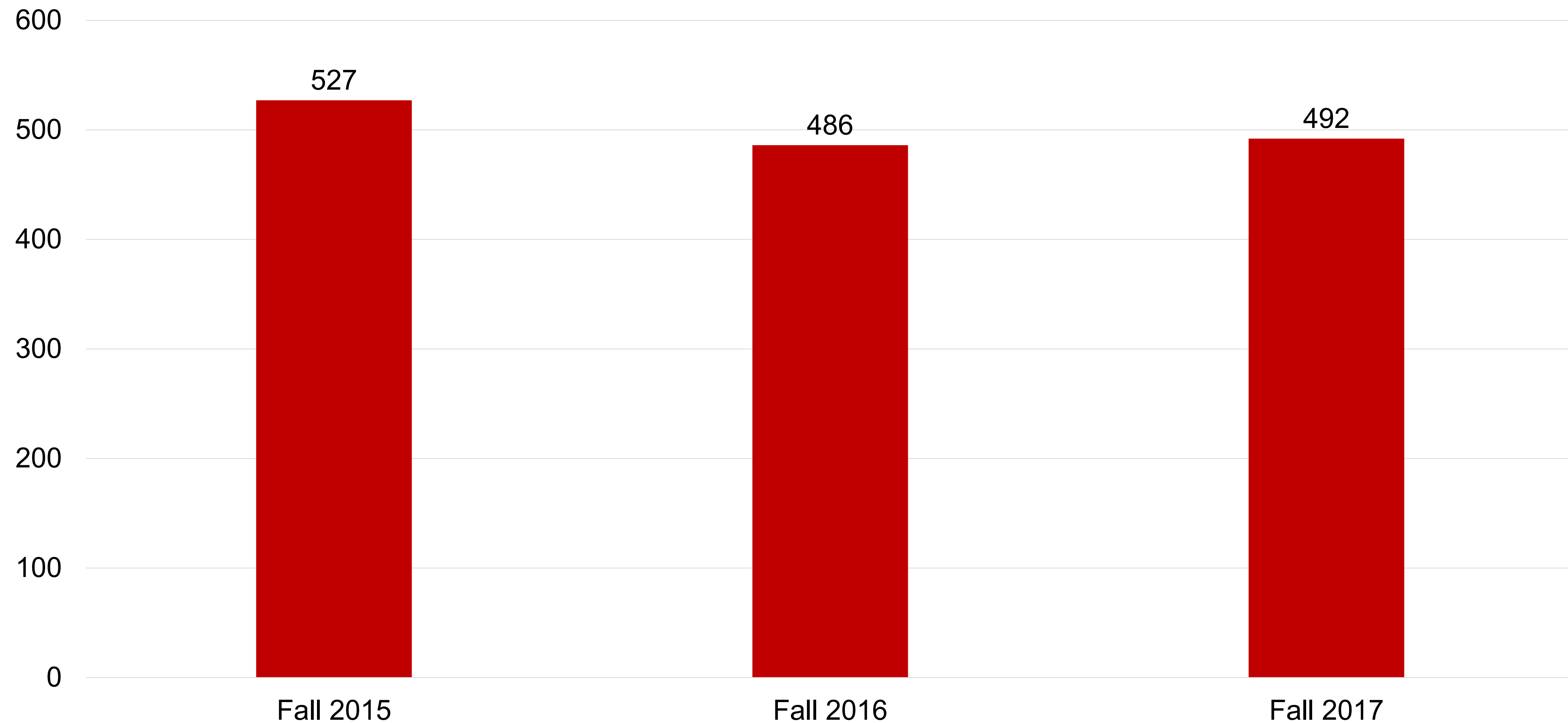
Number and Percentage of First-Year Students in a First-Year Interest Group Seminar



Note – Excludes Rutgers Biomedical and Health Sciences.

Source: Student Record Database (SRDB), National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS) Survey

Number of Students Participating in Rutgers–NB Honors College



Note – Legacy Rutgers Academic Units.
Source: NJAS Admissions Database

Rutgers–New Brunswick Honors College

Interdisciplinary Living and Learning Community

- Students from SAS, SoE, RBS, SEBS, EMSOP, MGSA mirror RU diversity
- Onsite Maker Space, live-in faculty
- Partnerships with Byrne Seminars, Study Abroad, Aresty Research Center

Social Innovation Curriculum

- Honors College Forum: Over 3 years, 350+ global impact projects
- Innovation Lab: 11 advanced teams in start-up accelerator

Recognitions and Awards

- **HULT Prize**; Clinton Global Initiative University; NJ Tech Council; NJIT Innovation Competition; Global Engagements Summit; MIT Clean Energy Competition; TCU Ventures and Values

Transfer Student Report Recommendations

- Council on Transfer Students
- Transfer Website
- Transfer Center
- Consistency of nomenclature and policies across all New Brunswick schools
- Admissions and Transfer/Equivalency of Credits

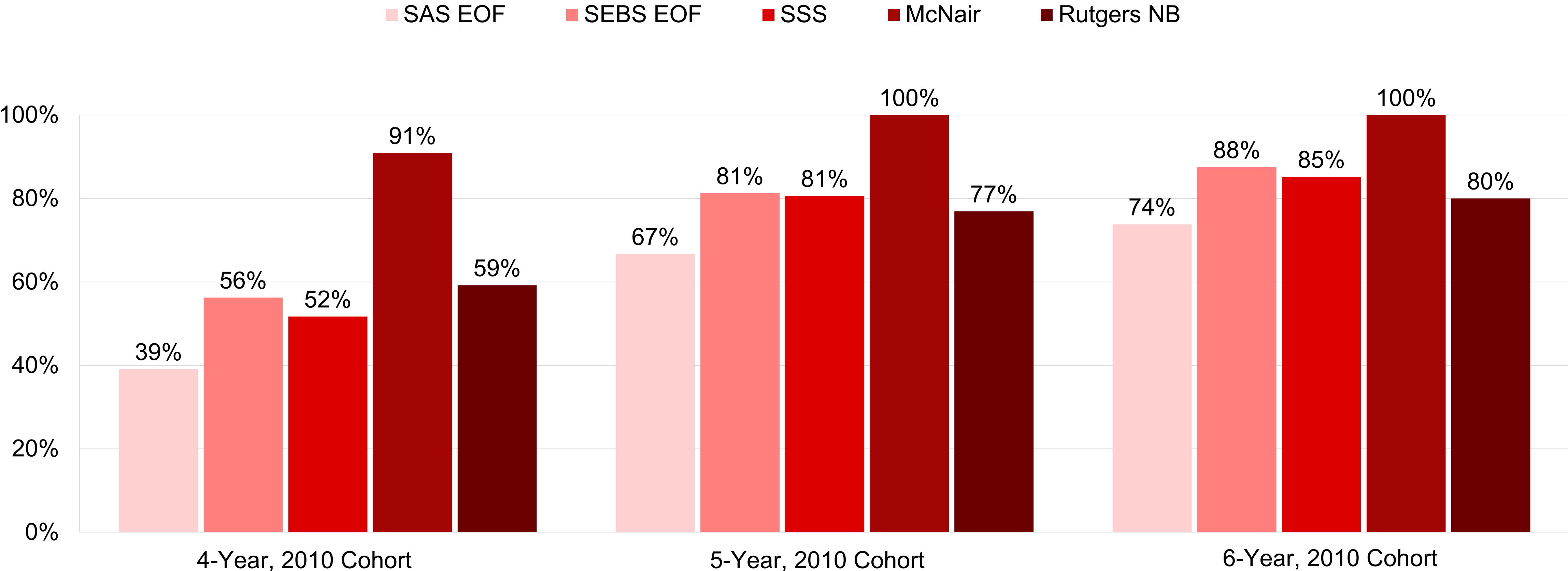
Non-Traditional Students

Ideas Being Explored

- Rutgers—New Brunswick Online
- Separate Degree-Granting Unit
- Strategic Partnerships with Community Colleges

First-Generation, Low-Income & Historically Underrepresented Students

Student Access and Educational Equity Graduation Rates



Note – Excludes Rutgers Biomedical and Health Sciences.
Source: TRIO Grants Annual Reports Department of Education and the NJ EOF Annual report databases

First-Generation Students

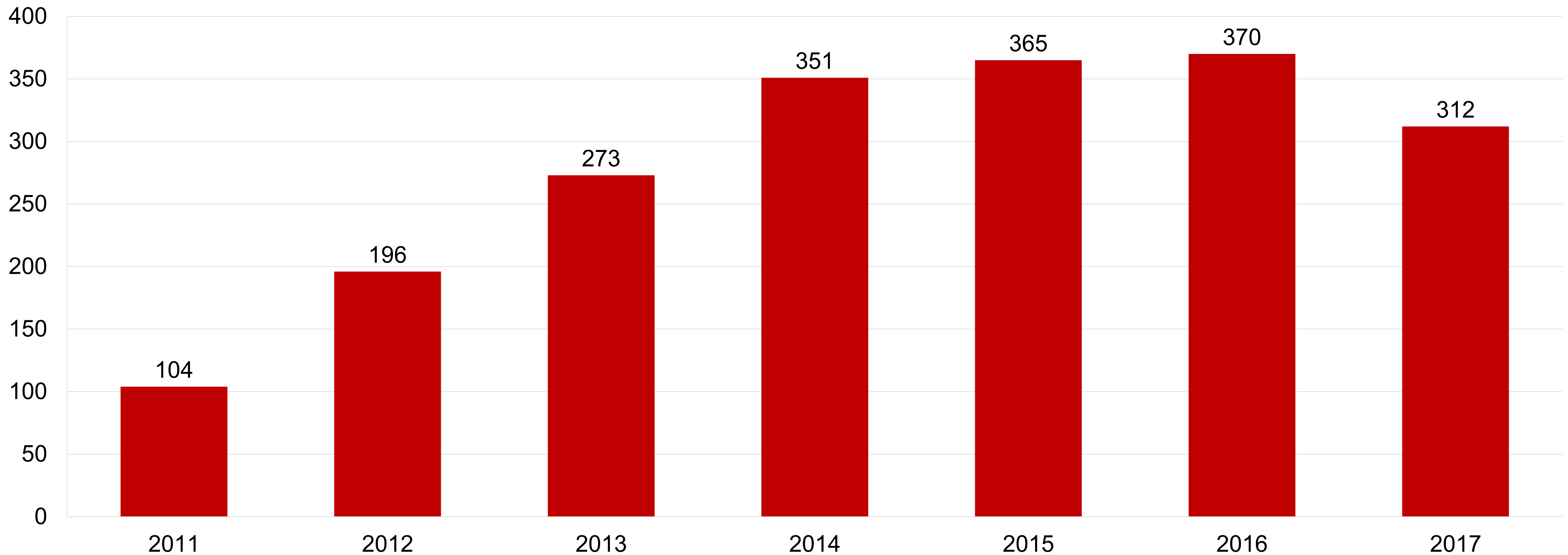
RU-1st Initiative

- Initiatives include, but not limited to:
 - RU-1st Study Abroad Initiative
 - RU-1st Byrne Seminars
 - Paul Robeson Leadership Institute & the Paul Robeson Leadership Certificate
 - RU-1st Directory
 - Student Support Services funding expanded

Academic Engagement

Aresty Research Program

Research Assistantship Participants

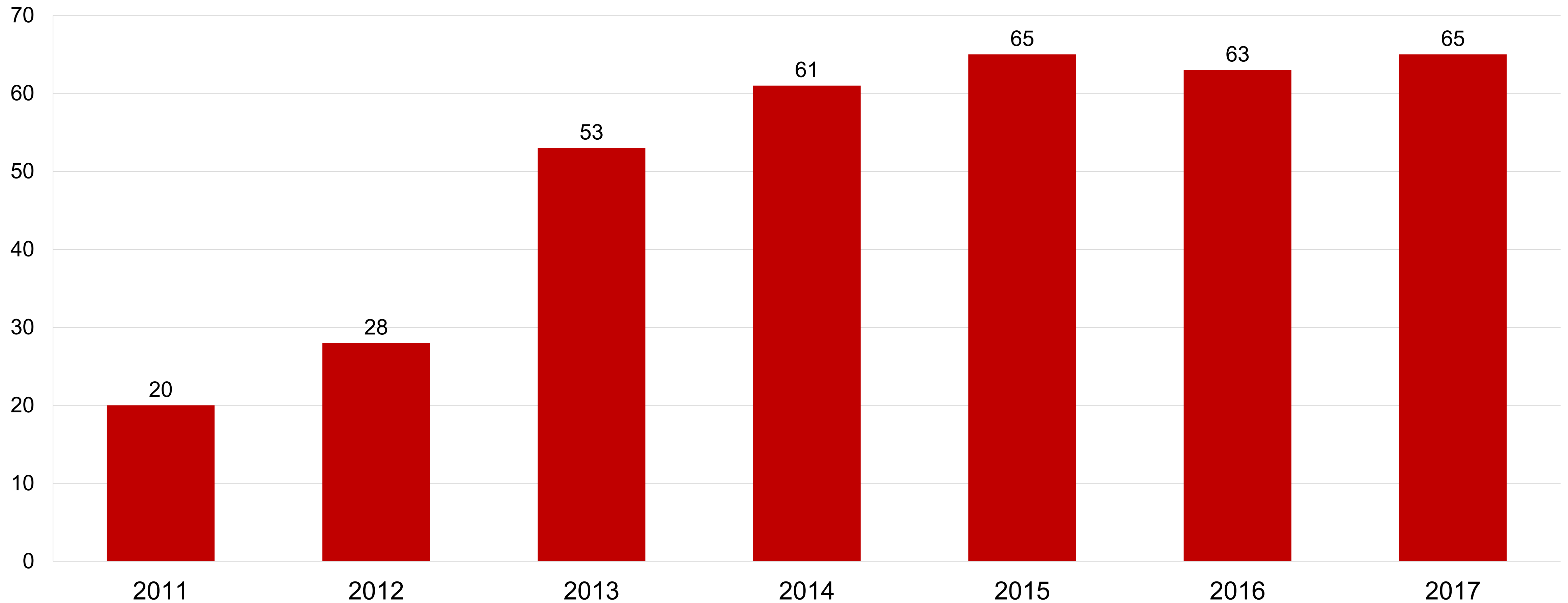


Note – Legacy Rutgers Academic Units.
Source: Aresty Database

Academic Engagement

Aresty Research Program

Summer Science Research Participants



Note – Legacy Rutgers Academic Units.
Source: Aresty Database

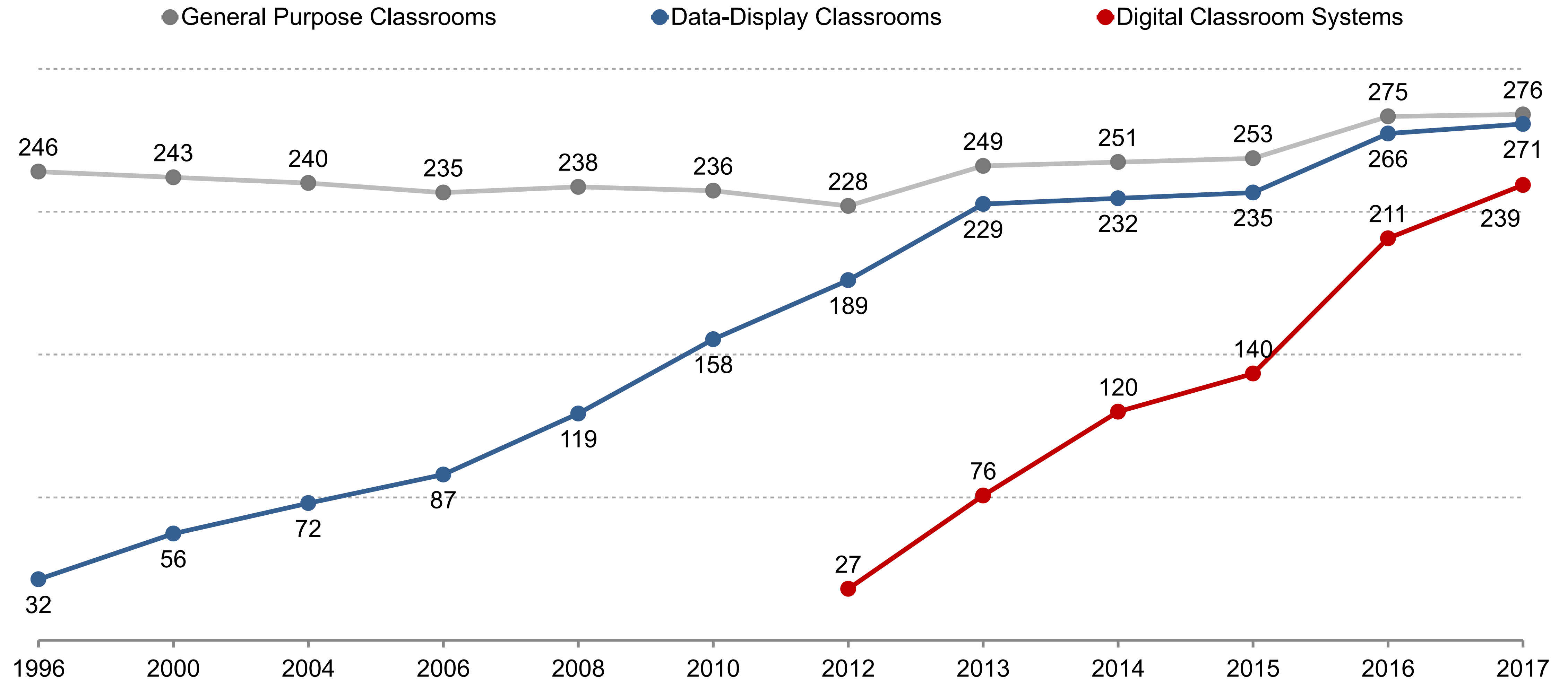
Academic Engagement

Student-Centered Active Learning

- Active Learning Community
- Active Learning Symposium is now regional
- Active learning 101
- 3 new active learning classrooms:
 - 2 in the new Rutgers Academic Building
 - 1 in the Tillett Hall Classroom Building
- 6 active learning spaces located within the Learning Centers
- In the process of creating the first Rutgers One Button Studio in the Alexander Library



Digital Classroom Services



Study Abroad

- \$370,000 in scholarships awarded for study abroad and service-learning abroad
- 180+ study abroad programs to more than 50 countries

58% Europe

15% Central/South America

13% Asia

4% Oceania

3% North America

3% Sub-Saharan Africa

3% North Africa and the Middle East

- Short-term (2-8 weeks), semester, or academic year programs

SEMESTER/ACADEMIC YEAR:

60 University Exchanges Partners

20 Direct Enroll Opportunities

30 Provider Programs

2 Rutgers In

SHORT-TERM:

45 Faculty-led Rutgers Programs

10 Direct Enroll Opportunities

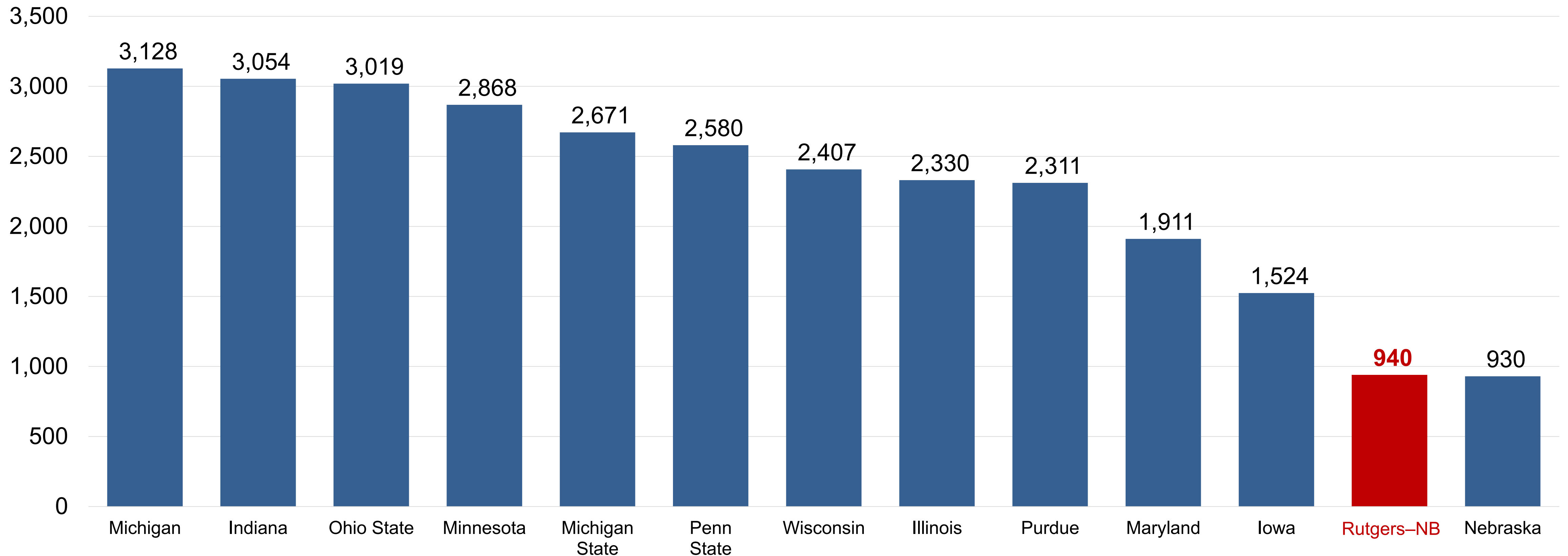
10 Provider Programs

3 Rutgers In

- Program options: Experiential and Service-learning, Research-based Field Schools, Language Immersion, Internships, along with traditional study abroad options



Total Number of Students Participating in For-Credit Study Abroad Programs Big Ten Universities AY 2015-16



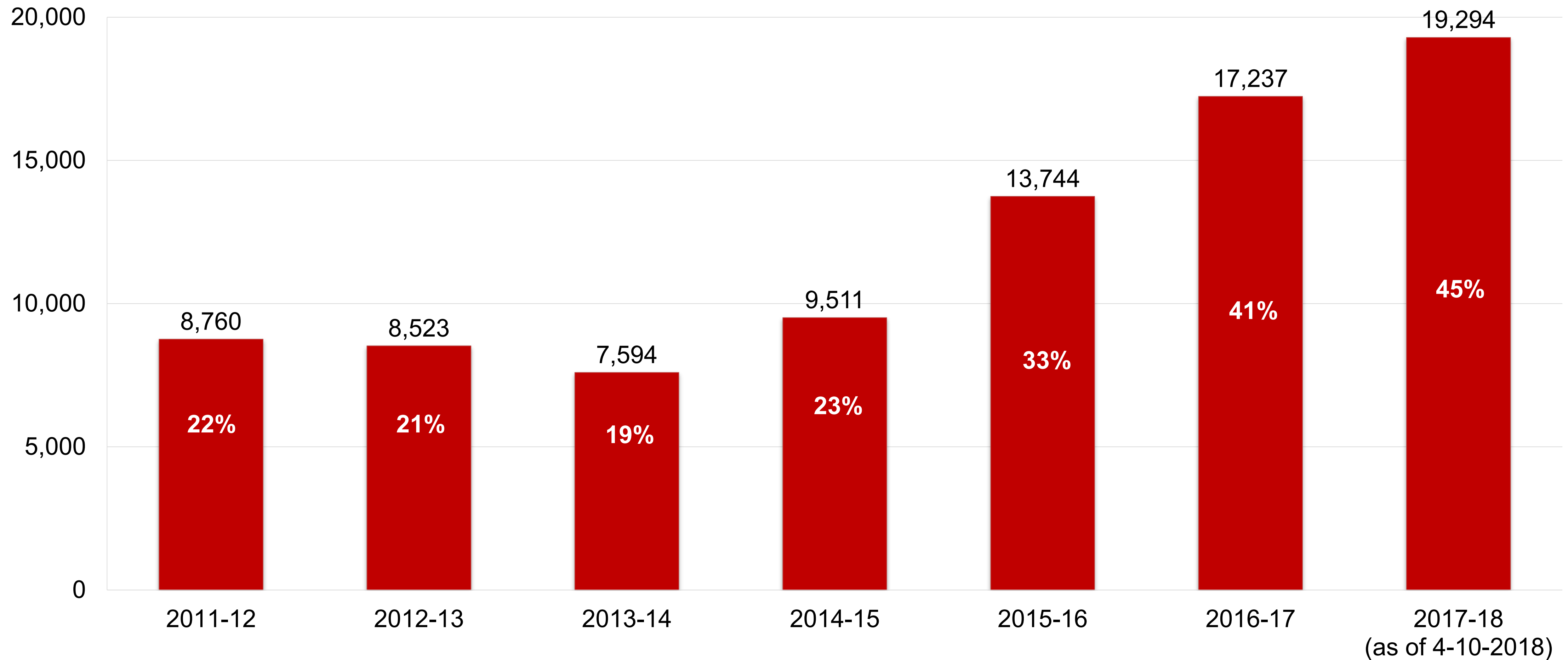
Source: Big Ten Academic Alliance International Mobility Benchmark-2017 Report

Study Abroad Challenges

- **Student Financial Hurdles**
 - Highest Pell-Eligible student population in Big Ten
- **High Cost of Study Abroad**
 - Operations and staffing costs borne directly by students
 - No direct allocation from Central Administration
- **Curriculum Integration**
 - Too few study abroad courses approved for major credit
 - Students risk delayed graduation
- **Culture**
 - Study Abroad has not been a strategic priority

Academic Support

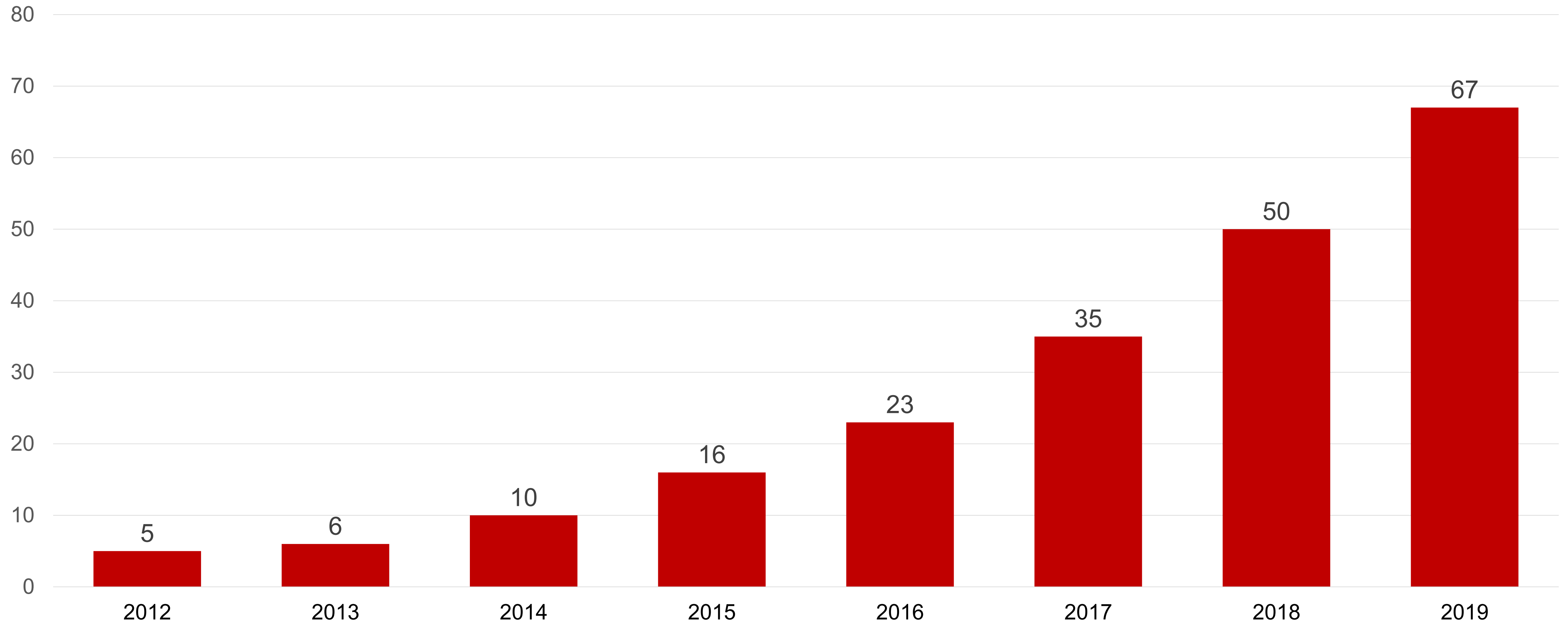
Students Served by Rutgers Learning Centers



Note – Excludes Rutgers Biomedical and Health Sciences Units. Includes graduate students.
Source: Rutgers Learning Centers, Rutgers Fact book

Growth of Rutgers Learning Assistant Program

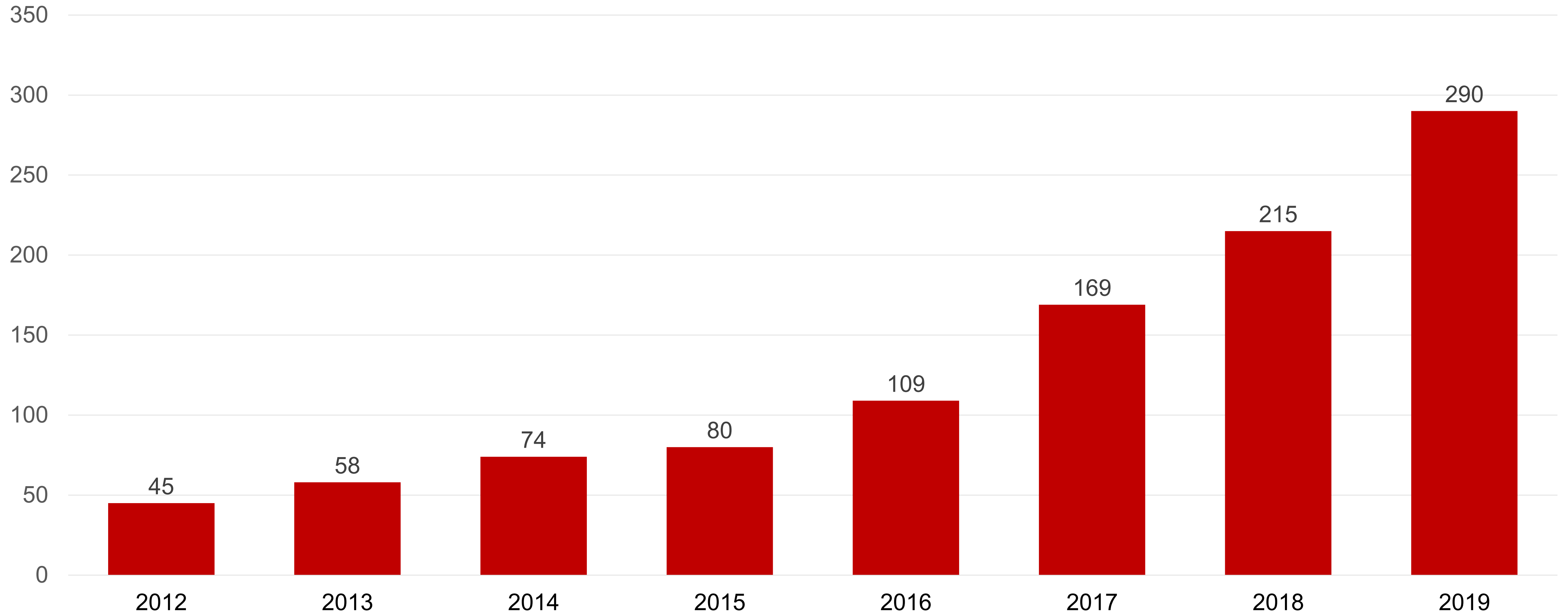
Number of Learning Assistant Courses



Note – Excludes Rutgers Biomedical and Health Sciences Units.
Source: Rutgers Learning Centers

Growth of Rutgers Learning Assistant Program

Number of Learning Assistants



Note – Excludes Rutgers Biomedical and Health Sciences Units.
Source: Rutgers Learning Centers

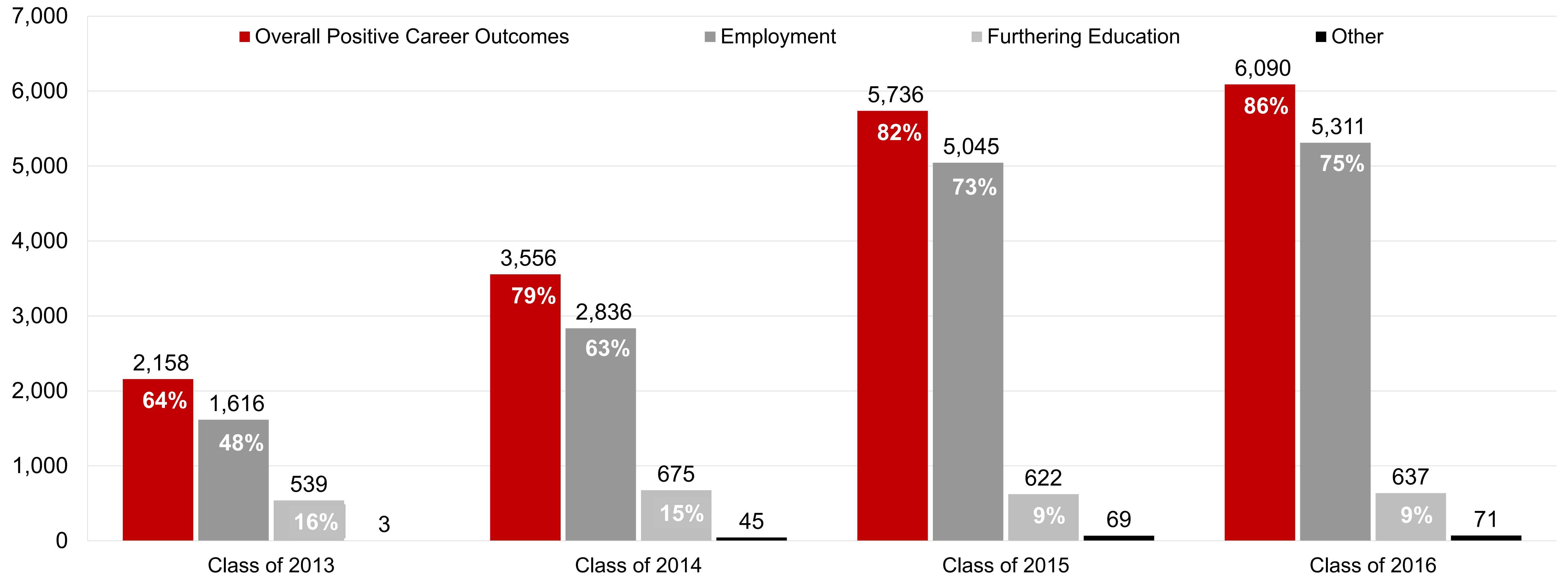
Excellence Beyond Graduation

Distinguished Fellowships

- 17 (and still counting) Fulbright US Students
 - Rutgers is among the Top-Producing Ph.D. universities nationally for the 10th consecutive year
 - 162 students selected for the Fulbright US Student Grant in 11 years
- 11th overall for Gates Cambridge since 2001
- 2 Goldwater Scholars

Excellence Beyond Graduation

Post-Graduation Outcomes



Note – Based on results of the Post-Graduation Survey data collected by UCS. Response Rate: 52%; 54%; 65%; 72%.

Key Undergraduate Initiatives Led by UAA

- Non-Traditional Students
- Academic Integrity Task Force
- Increasing 4-Year Graduation Rate Working Group
- Report on the Task Force on Transfer Students
- International Academic Support Working Group
- Undergraduate Academic Affairs Leadership Council
- Academic Review Committee
- Clicker Task Force
- Task Force on Technology and Recording in the Classroom
- From Demographics to Democracy
- Students with Children Working Group
- RU-1st Alliance

Discussion

Thank you for attending the
Campus Conversations this year

We will restart in Fall

Please send your ideas for topics to:
chancellornb@rutgers.edu