

Rush University

Annual Report 2018-2019

Prepared by the:

Office of Institutional Research,
Assessment and Accreditation



Table of Contents

Section 1: Mission and Vision	4
Section 2: Academic Programs Offered in 2019-2020	6
Section 3: Enrollment	9
3.1 Rush University Enrollment: Fall 2014 - Fall 2018	10
3.2 Enrollment by College, Fall 2014 - Fall 2018	11
3.3 Enrollment by Degree and Program, Fall 2014 - Fall 2018	12
Section 4: Demographics: Fall 2018	15
4.1 Ethnicity chart	16
4.2 Enrollment by Program Modality	16
Section 5: Degrees Awarded	17
5.1 Degrees Awarded, AY1415 - AY1819	18
5.2 Degrees Awarded by College, AY1415 - AY1819	19
5.3 Degrees Awarded by Degree Level: AY1415 - AY1819	20
5.4 Degrees Awarded by Degree Level and Program, AY1415 - AY1819	21
Section 6: Graduation and Retention Rates	23
6.1 Graduation Rates: AY1011 - AY1819	24
6.2 Year-to-Year Retention Rate: Fall 2012 - Fall 2017	26
Section 7: Licensure/Certification First-time Pass Rates	29
7.1 College of Health Sciences	30
7.2 College of Nursing	31
7.3 Rush Medical College	32
Section 8: Job Placement	32
Section 9: Faculty	37
Section 10: Financial Aid	41
10.1 Institutional Grants and Scholarship Awarded: Last three years	42
10.2 Grants and Scholarship Awarded: 2018 - 2019	43
10.3 Loans Borrowed: 2018 - 2019	44
10.4 Default Rate, Comparison with State and National Rate	45
10.5 Rush University Cohort Default Rate for Most Recent 3 Years	46
10.6 Graduating Student Debt	47
Section 11: Graduate Medical Education Residents	49
11.1 Total GME Residents	50
11.2 Residents by Program	51
Section 12: Community & Civic Engagement	53
Section 13: Grant/Research	55

Mission:

Rush University provides outstanding health sciences education and conducts impactful research in a culture of inclusion, focused on the promotion and preservation of the health and well being of our diverse communities.

Vision:

The Rush learning community will be the leading health sciences university committed to transforming health care through innovative research and education.

Section 2: Academic Programs Offered in 2019-2020

College of Health Sciences

Bachelor of Science Programs

- Health Sciences
- Imaging Sciences
- Vascular Ultrasound

Master of Science Programs

- Cardiovascular Perfusion
- Clinical Laboratory Management
- Clinical Nutrition (MS, MSDI)
- Health System Management
- Medical Laboratory Science
- Physician Assistant Studies
- Respiratory Care
- Speech-Language Pathology

Doctor of Audiology

Occupational Therapy Doctorate

PhD in Health Sciences

Specialist in Blood Bank Certificate

College of Nursing

Master of Science in Nursing

Doctor of Nursing Practice: Program Tracks

- Adult-Gero Acute Care
- Adult-Gero Primary Care
- Anesthesia
- Family
- Neonatal
- Pediatric Acute Care
- Pediatric Primary Care
- Psychiatric-Mental Health
- Public Health
- Transformative Leadership: Population Health
- Transformative Leadership: Systems

PhD in Nursing Science

Post Graduate Certificate: Program Tracks

- Adult-Gero Acute Care
- Neonatal
- Pediatric Acute Care

Rush Medical College

Doctor of Medicine (MD)

The Graduate College

Master of Science Programs

- Biotechnology
- Clinical Research
- Integrated Biomedical Sciences

PhD in Integrated Biomedical Sciences



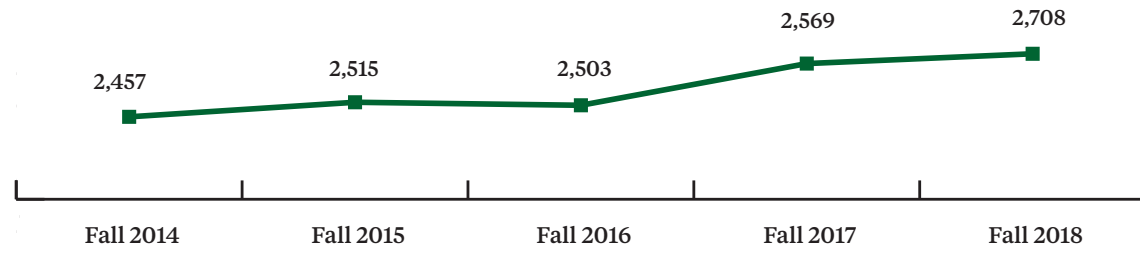
Section 3:

Enrollment

3.1 Rush University Enrollment, Fall 2014-Fall 2018

On the average, annual enrollment increased by 2% with an overall increase of 10% since fall 2014.

Rush University

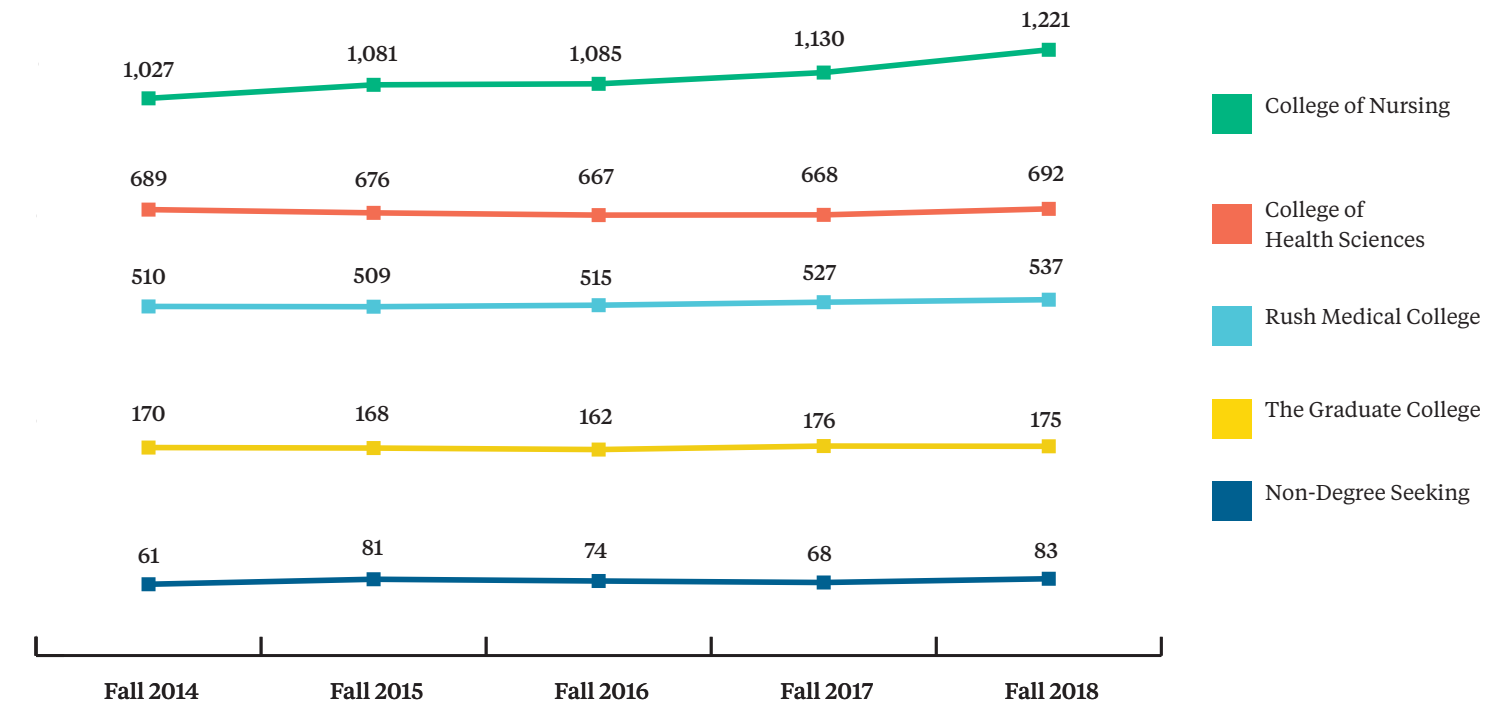


Grand Total	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
	2,457	2,515	2,503	2,569	2,708

Of the 2708 students enrolled in fall 2018,

- 858 were new students.
- 45% were enrolled in College of Nursing.
- 55% were enrolled in professional doctorate programs.
- 61% were full-time.

3.2 Enrollment by College, Fall 2014-Fall 2018



3.3 Enrollment by Degree and Program, Fall 2014-Fall 2018

Bachelor of Science Programs	FA2014	FA2015	FA2016	FA2017	FA2018
Cardiovascular Perfusion	3	7	3	--	--
Health Sciences	18	26	27	26	37
Imaging Sciences	52	37	44	52	57
Medical Laboratory Science	20	27	16	--	--
Respiratory Care	15	7	3	--	--
Vascular Ultrasound	29	30	29	29	26

Master of Science Programs	FA2014	FA2015	FA2016	FA2017	FA2018
Anatomy and Cell Biology	1	4	2	--	--
Biochemistry	3	6	--	--	--
Biomechanics	1	1	--	--	--
Biotechnology	32	31	31	34	34
Cardiovascular Perfusion	26	28	33	39	37
Clinical Laboratory Management	34	42	41	43	36
Clinical Nutrition	34	33	31	31	34
Clinical Research	75	69	57	67	69
Health Systems Management	52	55	59	58	61
Immunology/Microbiology	--	4	4	1	--
Integrated Biomedical Sciences	--	--	15	19	16
Medical Laboratory Science	27	29	26	29	36
Nursing	392	335	323	330	356
Occupational Therapy	75	75	74	37	2
Pharmacology	3	3	--	--	--
Physician Assistant Studies	86	91	91	87	86
Radiological Sciences	1	--	--	--	--
Research Administration	19	11	1	--	--
Respiratory Care	68	42	35	36	21
Speech-Language Pathology	53	54	57	61	66

Doctor of Philosophy (PhD) Programs	FA2014	FA2015	FA2016	FA2017	FA2018
Anatomy and Cell Biology	6	5	3	3	1
Biochemistry	15	12	9	9	5
Biomechanics	4	3	2	2	1
Health Sciences	14	21	34	41	49
Immunology/Microbiology	10	7	5	3	1
Integrated Biomedical Sciences	--	11	24	32	44
Molecular Biophysics/Physiology	2	1	1	--	--
Neuroscience	8	6	5	3	2
Nursing	36	30	27	24	28
Pharmacology	9	5	4	3	2

Professional Doctorate Programs	FA2014	FA2015	FA2016	FA2017	FA2018
Audiology, AuD	47	53	59	56	61
Doctor of Nursing Practice, DNP	569	703	721	762	817
Doctor of Medicine, MD	510	509	515	527	537
Occupational Therapy Doctorate, OTD	--	--	--	36	72

Certificate Programs	FA2014	FA2015	FA2016	FA2017	FA2018
Specialist in Blood Bank	17	8	4	7	11
Post-Graduate Nursing	24	13	14	14	20

Other	FA2014	FA2015	FA2016	FA2017	FA2018
Non-Degree Seeking	67	81	74	68	83

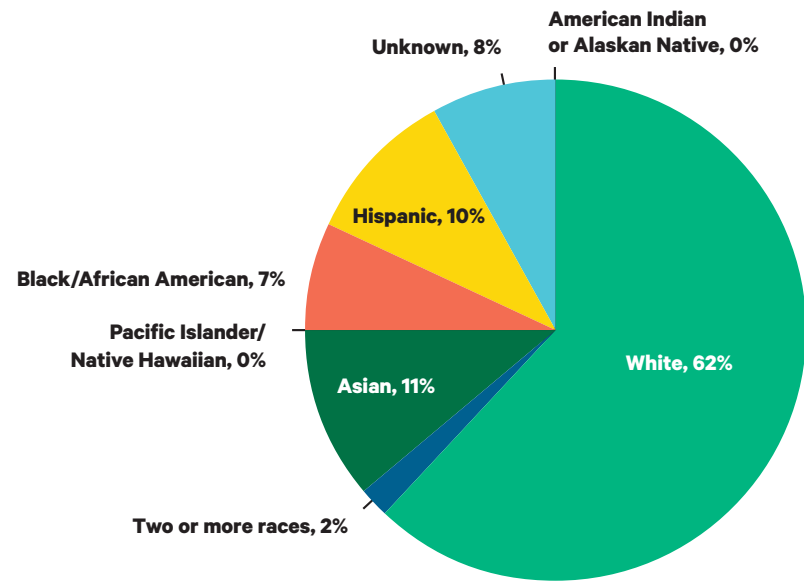
Rush University	FA2014	FA2015	FA2016	FA2017	FA2018
Grand Total	2,457	2,515	2,503	2,569	2,708



Section 4:

Demographics

4.1 Ethnicity Chart, Fall 2018

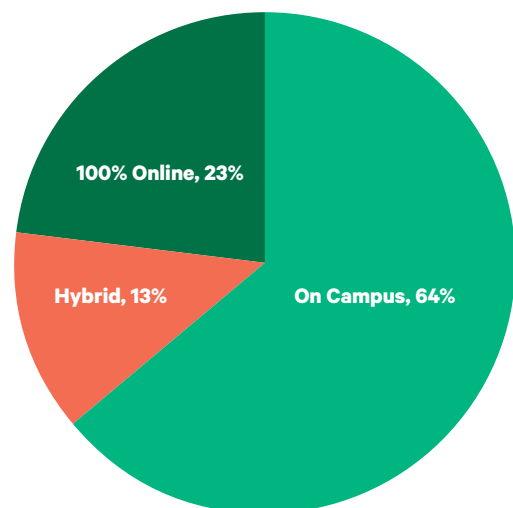


- 74% of total enrollment were female
- 26% of total enrollment were male

Section 5:

Degrees Awarded

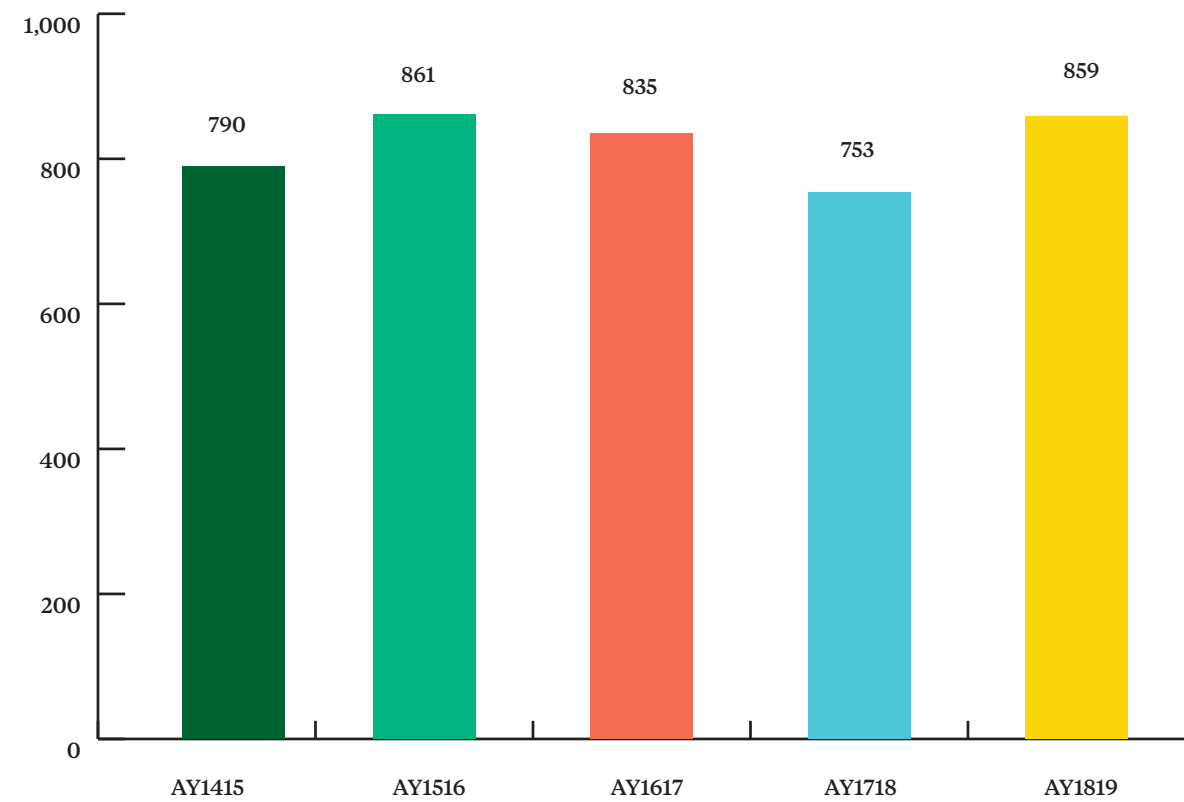
4.2 Enrollment by Program Modality, Fall 2018



Average Age:

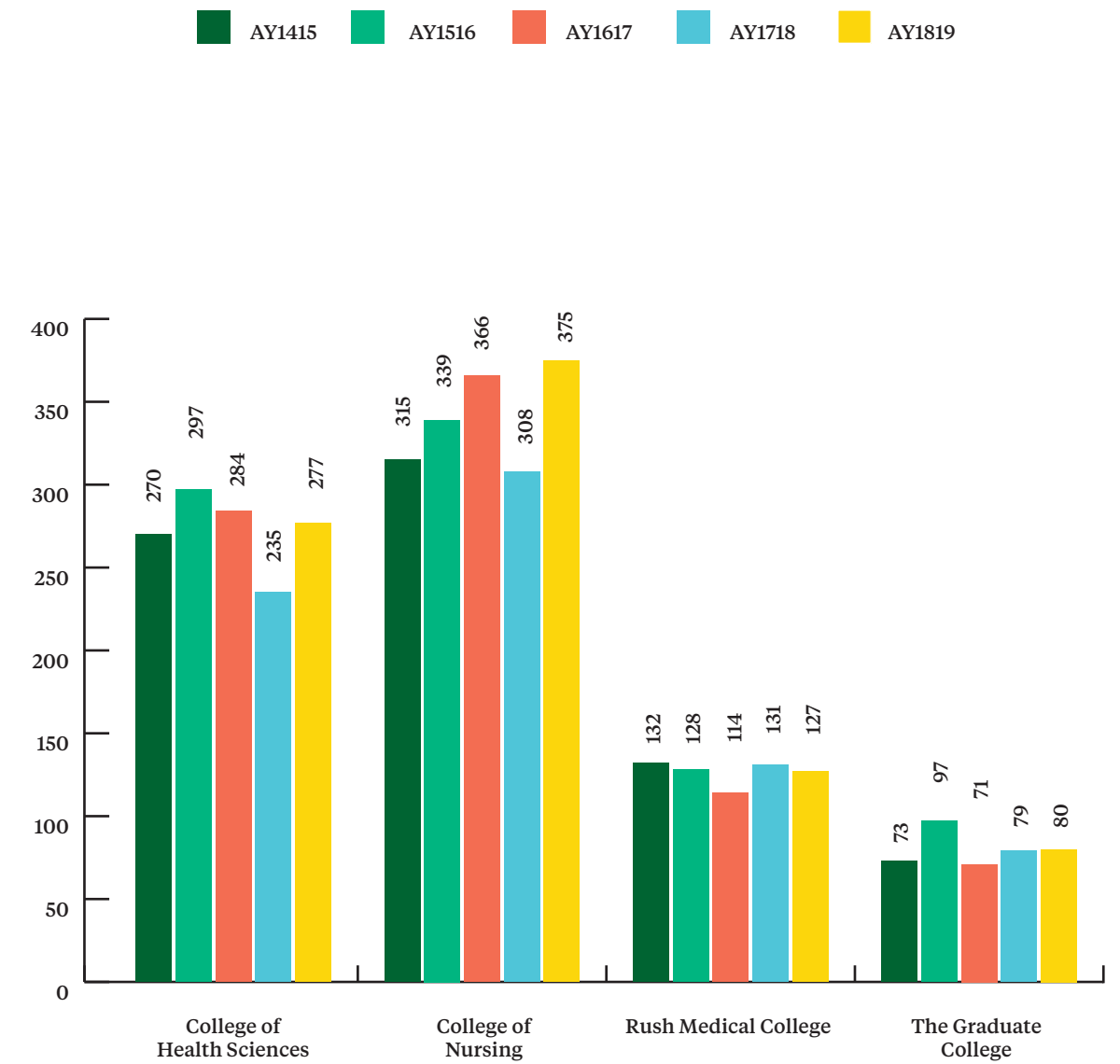
- Undergraduate: 29
- Graduate: 30
- MD: 26

5.1 Degrees Awarded, AY1415 - AY1819



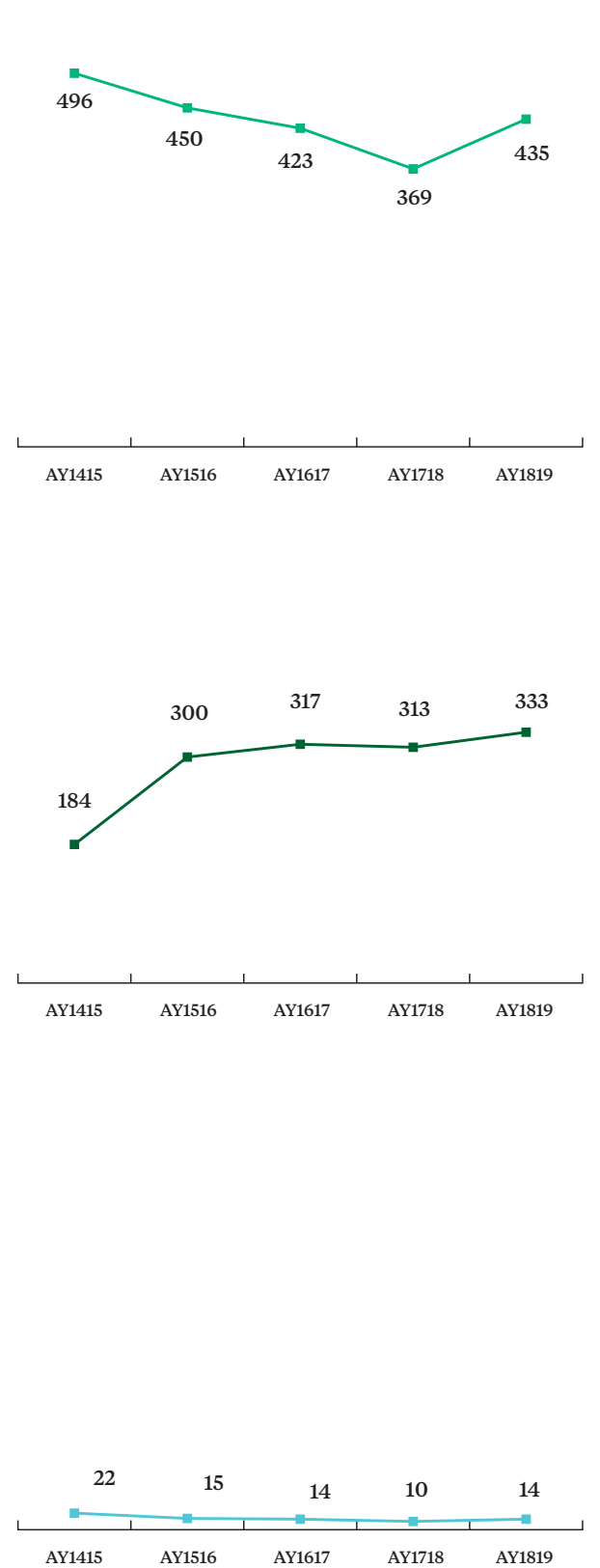
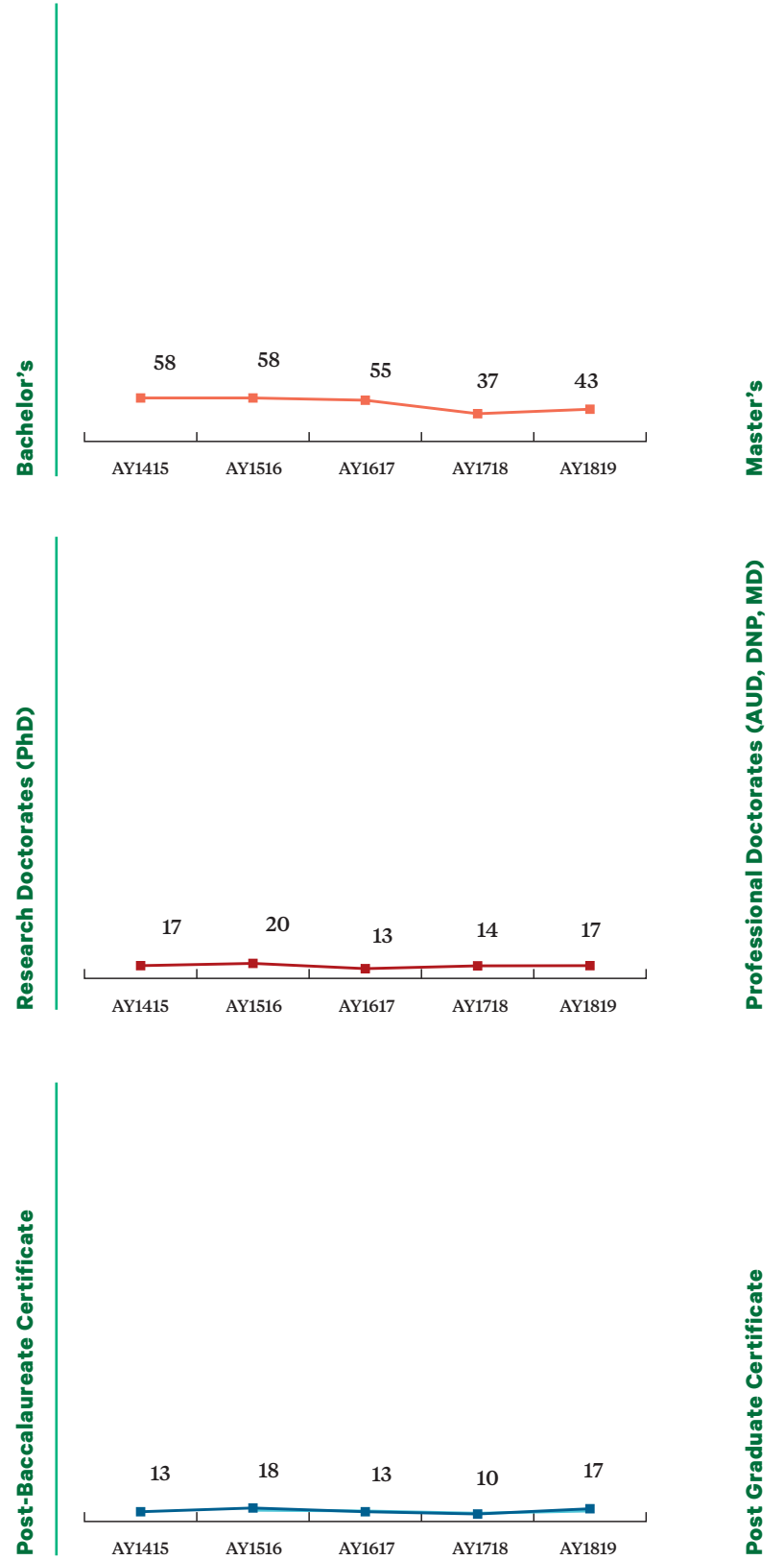
*Degrees Awarded between July 1 and June 30 of years indicated.

5.2 Degrees Awarded by College, AY1415-AY1819



*Degrees Awarded between July 1 and June 30 of years indicated.

5.3 Degrees Awarded by Degree Level, AY1415 - AY1819



*Degrees Awarded between July 1 and June 30 of years indicated.

5.4 Degrees Awarded by Degree Level and Program, AY1415 - AY1819

Bachelor of Science Programs	AY1415	AY1516	AY1617	AY1718	AY1819
Cardiovascular Perfusion	--	3	4	--	--
Health Sciences	5	9	8	8	9
Imaging Sciences	18	16	7	15	23
Medical Laboratory Science	12	8	19	--	--
Respiratory Care	9	8	2	--	--
Vascular Ultrasound	14	14	15	14	11

Master of Science Programs	AY1415	AY1516	AY1617	AY1718	AY1819
Anatomy and Cell Biology	2	--	2	--	--
Biochemistry	1	3	--	--	--
Biomechanics	1	2	--	--	--
Biotechnology	31	31	32	34	33
Cardiovascular Perfusion	12	13	15	18	21
Clinical Laboratory Management	10	9	12	16	10
Clinical Nutrition	14	18	15	15	16
Clinical Research	19	38	19	21	23
Health Systems Management	22	22	30	27	26
Immunology/Microbiology	--	--	3	1	--
Integrated Biomedical Sciences	--	--	2	10	7
Medical Laboratory Science	11	11	15	8	16
Nursing	249	164	166	124	168
Occupational Therapy	34	36	37	32	34
Pharmacology	1	3	--	--	--
Physician Assistant Studies	26	28	31	31	29
Radiological Sciences	1	--	--	--	--
Research Administration	7	10	2	--	--
Respiratory Care	31	34	17	4	20
Speech-Language Pathology	24	28	25	28	32

Doctor of Philosophy (PhD) Programs	AY1415	AY1516	AY1617	AY1718	AY1819
Anatomy and Cell Biology	1	2	1	1	2
Biochemistry	1	3	--	1	2
Biomechanics	--	--	1	--	2
Health Sciences	--	1	--	3	2
Immunology/Microbiology	3	3	2	2	1
Medical Physics	1	--	--	--	--
Molecular Biophysics and Physiology	1	--	--	1	--
Neurosciences	1	2	1	1	2
Pharmacology	2	2	2	1	--
PhD in Nursing	7	7	6	4	6

Professional Doctorate Programs	AY1415	AY1516	AY1617	AT1718	AY1819
Audiology, AuD	8	12	17	9	13
Doctor of Nursing Practice, DNP	44	160	186	173	193
Doctor of Medicine, MD	132	128	114	131	127

Certificate Programs	AY1415	AY1516	AY1617	AY1718	AY1819
Specialist in Blood Bank	13	18	13	10	17
Post-Graduate Nursing	22	15	14	10	14

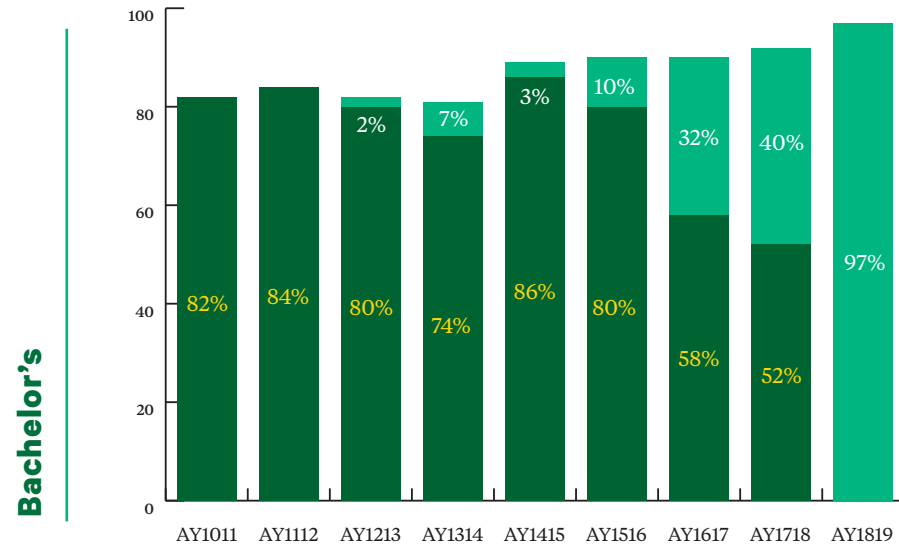
Grand Total	790	861	835	753	859
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*Degrees Awarded between July 1 and June 30 of years indicated.

Section 6:

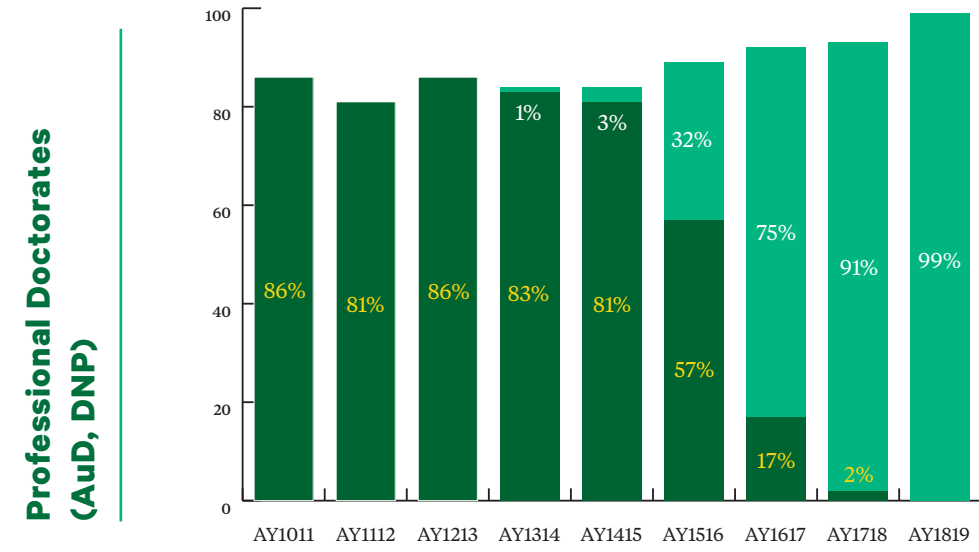
Graduation and Retention Rates

6.1 Graduation Rates: AY1011 – AY1819

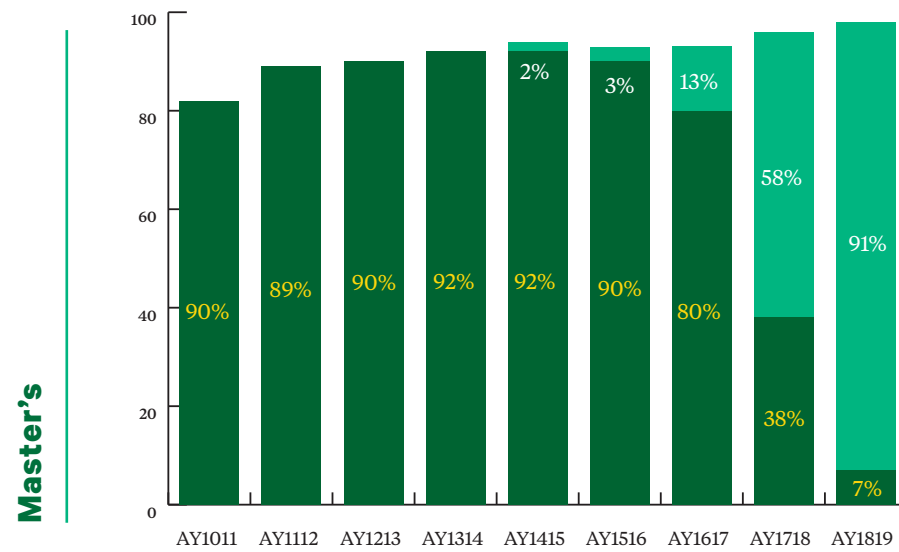


Overall, the time to completion for Rush graduates is within the expected completion dates for their respective programs.

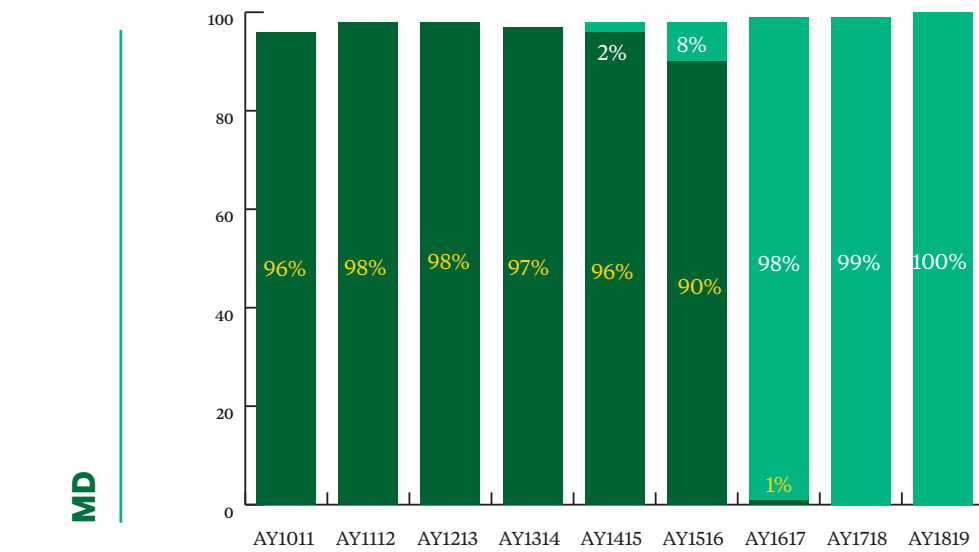
% Active % Grad



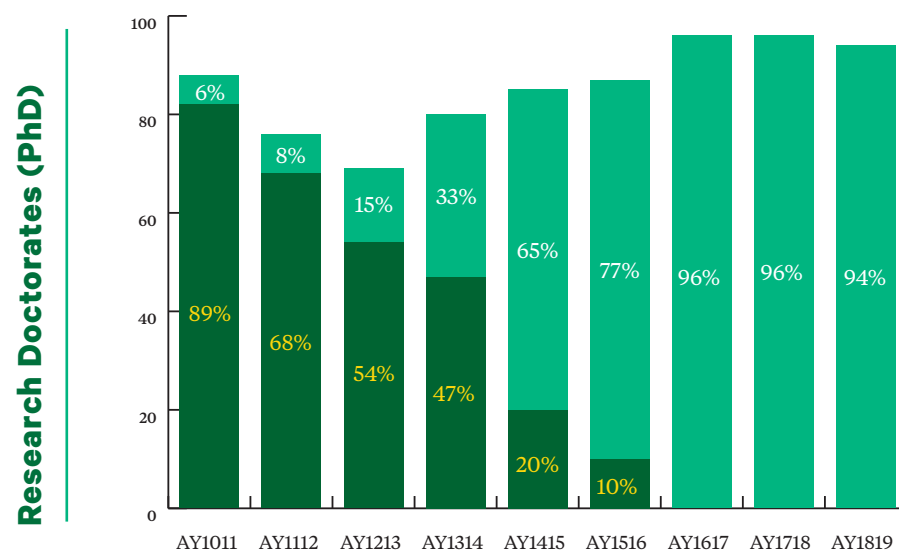
% Active % Grad



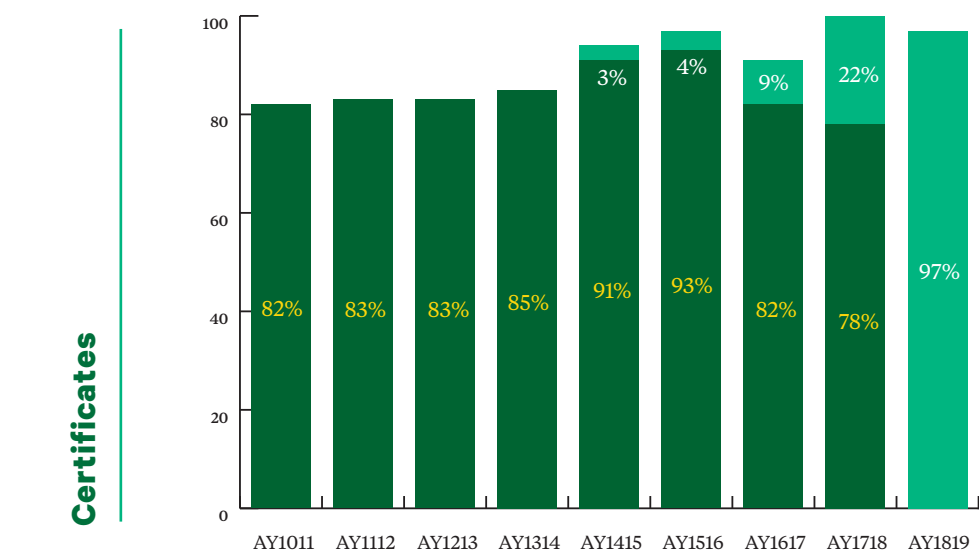
% Active % Grad



% Active % Grad



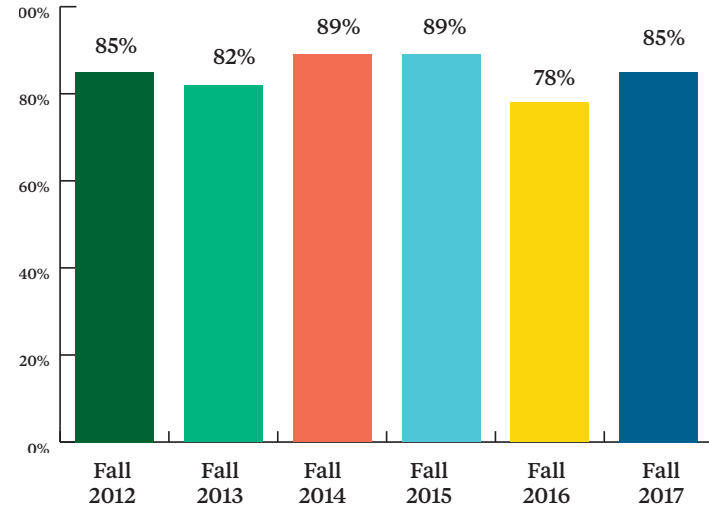
% Active % Grad



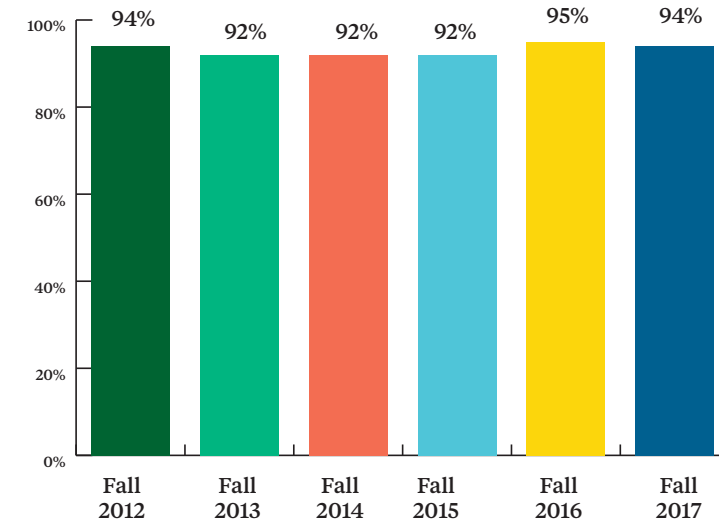
% Active % Grad

6.2 Year-to-Year Retention Rate: Fall 2012 – Fall 2017

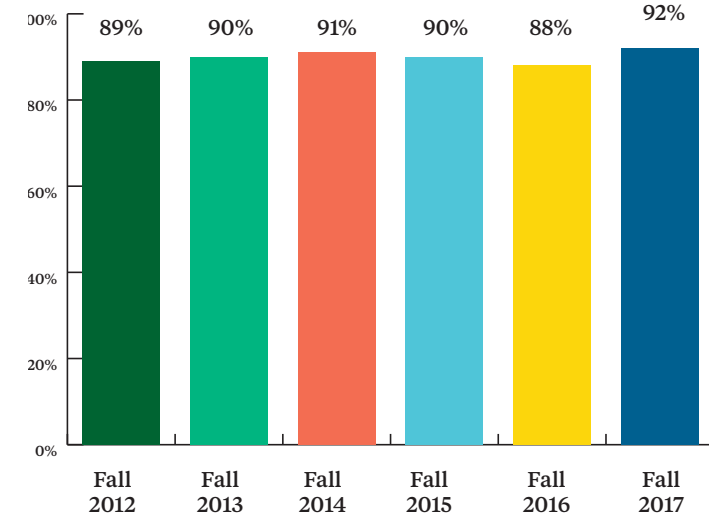
Bachelor's



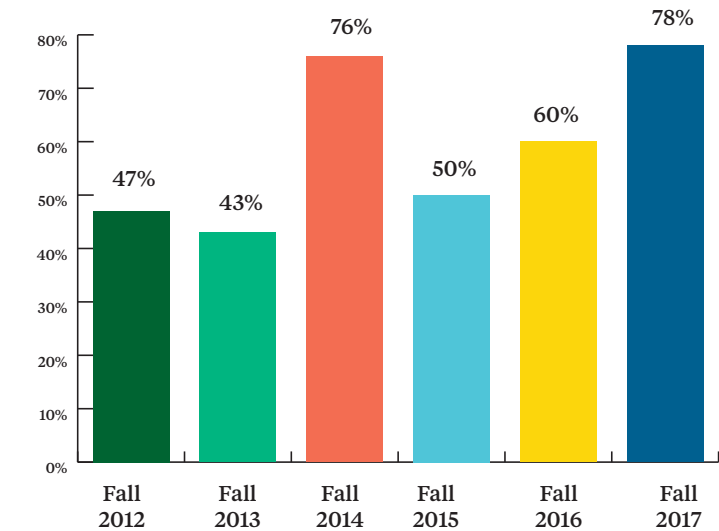
**Professional Doctorates
(AuD, DNP, MD, OTD)**



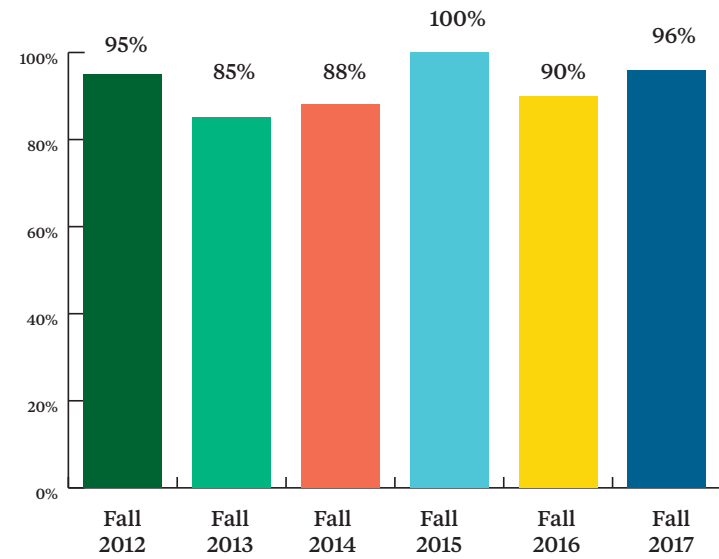
Master's



Certificates



Research Doctorates (PhD)





Section 7:

Licensure/Certification First-time Pass Rates

7.1 College of Health Sciences (CHS)

Entry Year by Cohort	Fall 11	Fall 12	Fall 13	Fall 14	Fall 15	Fall 16
Audiology, AuD	100%	100%	100%	90%	100%	--
Clinical Nutrition, MS	100%	100%	100%	100%	100%	100%
Imaging Sciences, BS	100%	100%	85%	93%	100%	100%
Occupational Therapy, MS	84%	97%	94%	94%	100%	97%
Medical Laboratory Sciences, BS	90%	83%	75%	83%	94%	--
Medical Laboratory Sciences, MS	100%	92%	100%	100%	88%	88%
Cardiovascular Perfusion, MS	83%	100%	85%	82%	100%	100%
Physician Assistant Studies, MS	--	--	100%	94%	100%	100%
Respiratory Care, BS	100%	100%	100%	100%	100%	100%
Respiratory Care, MS	100%	100%	100%	100%	100%	100%
Specialist in Blood Bank, cert	75%	70%	100%	40%	75%	100%
Speech-Language Pathology, MS	100%	100%	100%	96%	100%	100%
Vascular Ultrasound, BS	100%	100%	100%	100%	93%	100%

7.2 College of Nursing

Cohort Testing Date	CY 2012	CY 2013	CY 2014	CY 2015	CY 2016	CY 2017
Adult Gerontological Primary Care NP	95%	93%	100%	100%	100%	100%
Adult Gerontological Acute Care NP	100%	100%	100%	100%	100%	93%
Family NP	96%	94%	100%	88%	94%	97%
Neonatal NP	85%	100%	100%	100%	100%	100%
Nurse Anesthesia	100%	87%	100%	100%	92%	91%
Psychiatric-Mental Health Adult/Family NP	94%	75%	85%	100%	100%	100%
Pediatric Acute Care NP	94%	95%	95%	100%	92%	100%
Pediatric Primary Care NP	100%	93%	100%	93%	93%	93%
NCLEX (Prelicensure)	99%	97%	96%	95%	96%	97%

7.3 Rush Medical College

Graduating Class Year	2014	2015	2016	2017
Step 1	94%	95%	99%	94%
Step 2CK	98%	97%	97%	99%
Step 2CS	98%	98%	98%	100%
Step 3	P = 85% F=1% W/H = 13% N/A = 1%	P = 88% F = 0% WH = 11% N/A = 1%	P = 86% F = 1% WH = 8% N/A = 5%	P = 81% F = 2% WH = 9% N/A = 8%

W/H = Withheld N/A = Not Available

Section 8:
Job Placement Rates

8.1 College of Health Sciences Rates

Entry Year by Cohort	Fa'12	Fa'13	Fa'14	Fa'15	Fa'16
Audiology, AUD	92%	100%	NA	NA	NA
Cardiovascular Perfusion, MS	100%	100%	100%	100%	83%
Clinical Laboratory Management, MS	100%	100%	100%	100%	100%
Clinical Nutrition, MS	100%	100%	100%	86%	93%
Health Sciences, BS	NA	NA	100%	100%	100%
Health Sciences, PHD	100%	NA	NA	NA	NA
Health System Management, MS	95%	100%	100%	100%	100%
Imaging Sciences, BS	100%	92%	100%	100%	100%
Medical Laboratory Sciences, MS	100%	100%	92%	89%	100%
Occupational Therapy, MS	100%	100%	100%	100%	97%
Physician Assistant Studies, MS	100%	100%	100%	100%	100%
Respiratory Care, BS	100%	100%	100%	100%	NA
Respiratory Care, MS	100%	95%	89%	100%	100%
Specialist in Blood Bank, CERT	100%	89%	100%	100%	100%
Speech-Language Pathology, MS	100%	100%	100%	100%	100%
Vascular Ultrasound, BS	100%	100%	100%	100%	100%

8.2 College of Nursing Rates

Graduating Class Year	AY1314	AY1415	AY1516	AY1617	AY1718
Nursing, MSN	100%	99%	99%	100%	NA
Doctor of nursing Practice, DNP	100%	100%	100%	100%	100%
Nursing, PHD	100%	100%	100%	100%	100%
Post-Graduate Nursing, CERT	100%	100%	100%	100%	100%

8.3 Rush Medical College Match Rates

Graduating Class Year	Class of 2015	Class of 2016	Class of 2017	Class of 2018	Class of 2019
Medicine, MD	99%	99%	100%	100%	99%

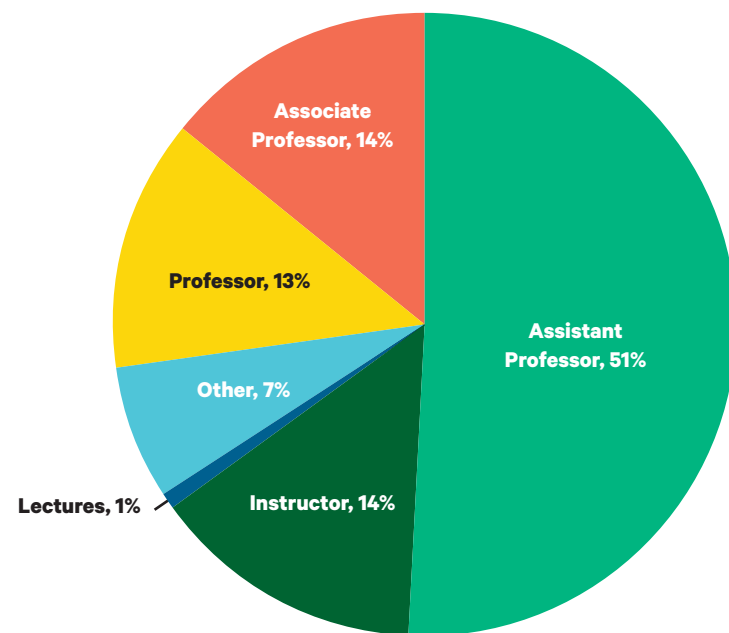
8.4 College of Nursing Programs, Employment Rates

Graduating Class Year	AY1314	AY1415	AY1516	AY1617	AY1718
Anatomy and Cell Biology, MS	NA	100%	NA	100%	NA
Anatomy and Cell Biology, PHD	NA	100%	100%	100%	100%
Biochemistry, MS	NA	100%	NA	NA	NA
Biochemistry, PHD	100%	NA	100%	NA	100%
Biomechanics, MS	NA	100%	NA	NA	NA
Biomechanics, PHD	NA	NA	NA	100%	NA
Biotechnology, MS	100%	100%	100%	100%	100%
Clinical Research, MS	100%	100%	100%	100%	100%
Immunology/ Microbiology, MS	NA	NA	NA	100%	NA
Immunology/ Microbiology, PHD	100%	100%	100%	100%	100%
Integrated Biomedical Sciences, MS	NA	NA	NA	100%	100%
Medical Physics, PHD	NA	NA	NA	NA	NA
Molecular Biophysics/ Physiology, PHD	NA	NA	NA	NA	100%
Neuroscience, PHD	100%	100%	100%	100%	100%
Pharmacology, MS	NA	100%	NA	NA	NA
Pharmacology, PHD	100%	100%	100%	100%	100%
Radiological Sciences, MS	NA	NA	NA	NA	NA

Section 9:**Faculty**

9.1 Faculty by Rank Type, Fall 2018

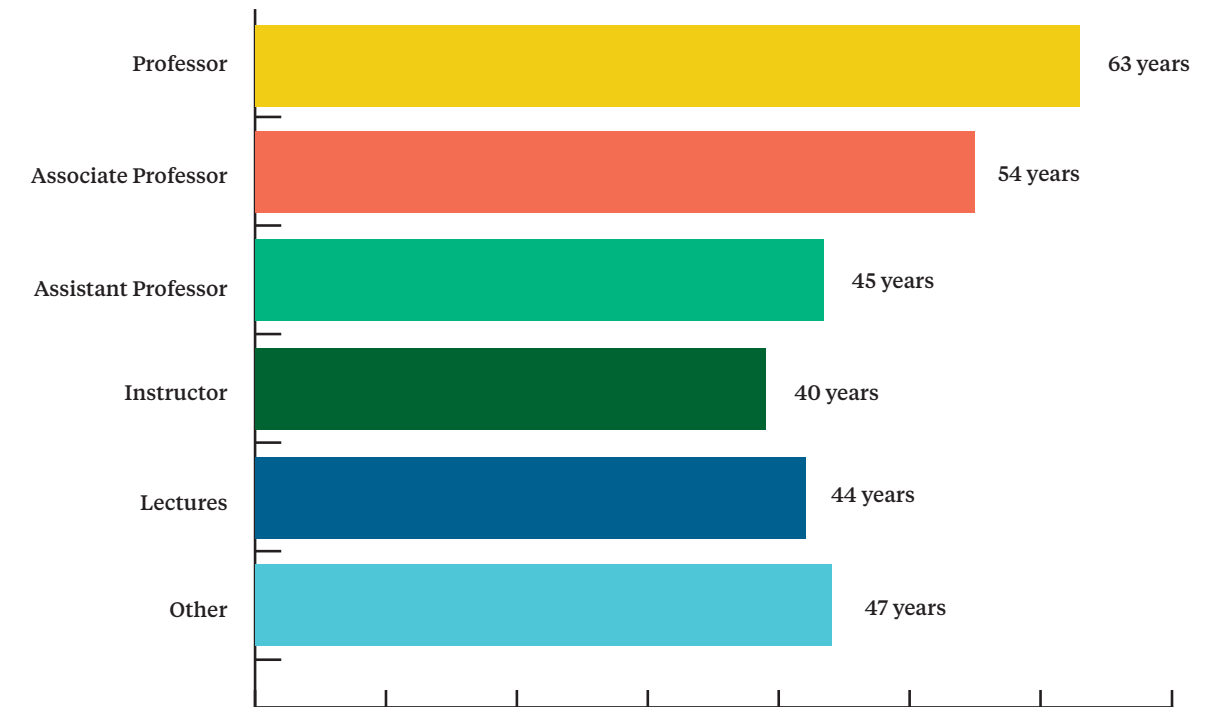
- 80% of the total faculty are full-time
- 57% of the Rush faculty are female.



*Other category includes Adjunct, Professor Emeritus/Emerita, and Visiting faculty.

Note: Faculty data, as per reported in IPEDS' Spring 2019 Human Resources survey.

9.2 Faculty Median Age by Rank Type





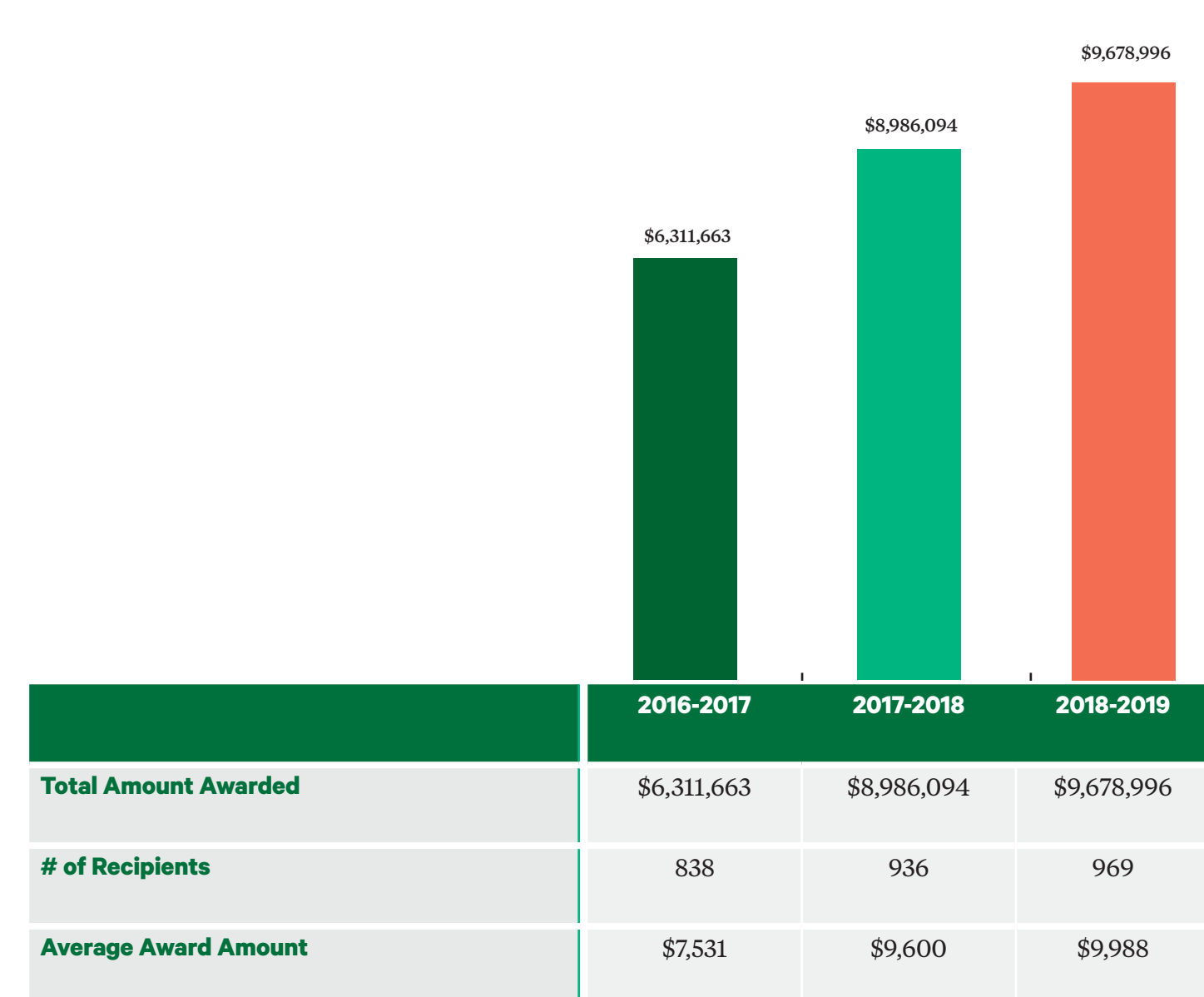
Section 10:

Financial Aid Data

10.1 Institutional Grants and Scholarship Awarded: Last Three Years

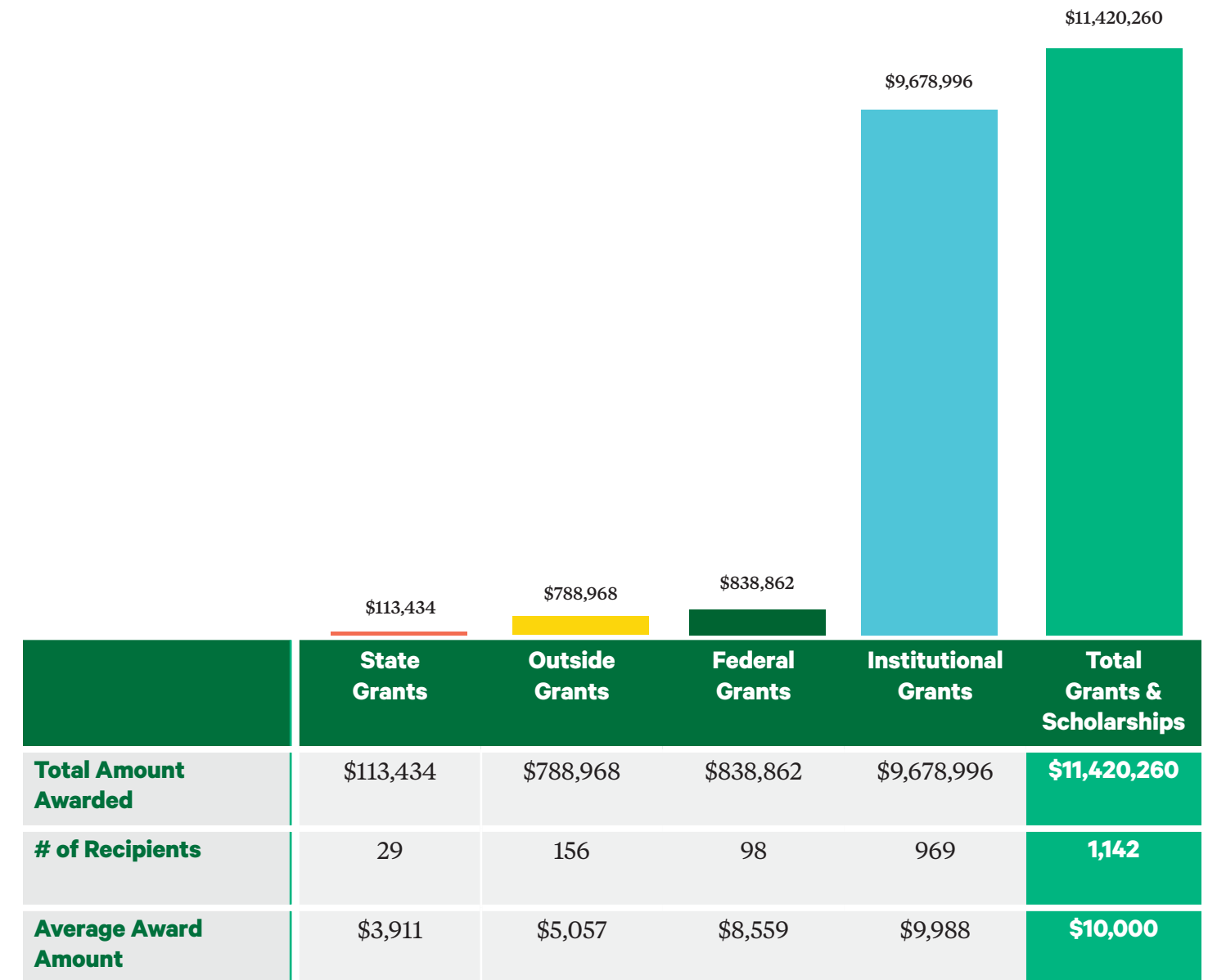
In 2018-2019,

- 2411 aid recipients = 79% of student body received some form of financial assistance
- Total financial assistance awarded = \$78,486,510
- LEAP and dependent tuition remission accounts for \$8,689,865
- Total financial assistance minus LEAP = \$69,796,645
- *LEAP = Rush internal tuition assistance program



10.2 Grants and Scholarship Awarded (Any): 2018-2019

- 1482 students did not borrow any loans (federal, state, institutional, or private) = 49% of the student body



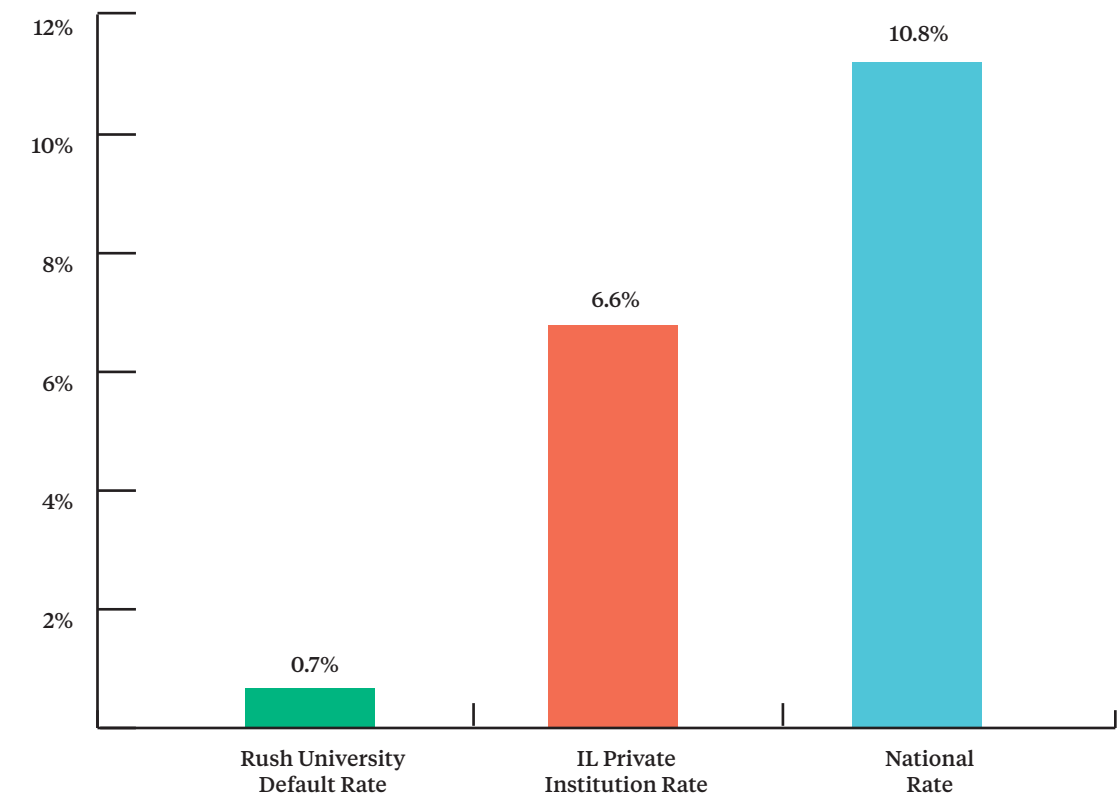
10.3 Loans Borrowed: 2018-2019

- Federal student loans provide the majority of student financial support at Rush.
- Rush students have access to a variety of additional funding sources including institutional scholarships and employees can participate in the institutional tuition waiver program.
- The majority of Rush students participate in extensive exit counseling session prior to graduation that provides detailed information about student debt and future repayment options.

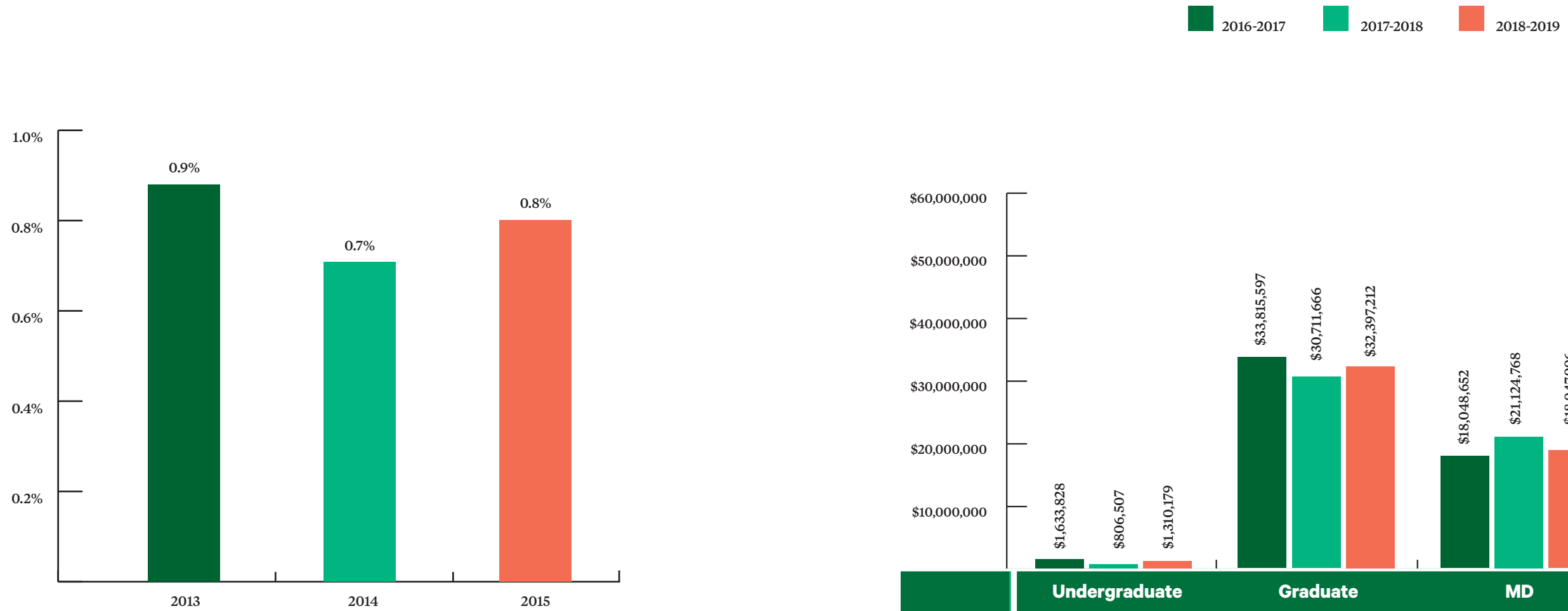
Loans Borrowed (18/19)	Total Amount Awarded	# of recipients	Average Award per Recipient
Federal Direct Subsidized/Unsubsidized Loans	\$39,576,486	2,033	\$19,467
Federal Direct Graduate PLUS loans	\$14,674,151	1,763	\$8,323
Federal Direct Parent PLUS loans	\$41,524	2	\$20,762
Federal Nurse Faculty Loan	\$119,909	7	\$17,129
Federal Nursing Loan	\$89,336	55	\$1,624
Private Loans	\$829,526	49	\$16,929
Rush Institutional Loans	\$1,374,401	313	\$4,391
Total Loans Borrowed (unduplicated)	\$55,062,091	2043	\$26,951

10.4 Default Rate, Comparison with State and National Rate : Cohort Year 2014

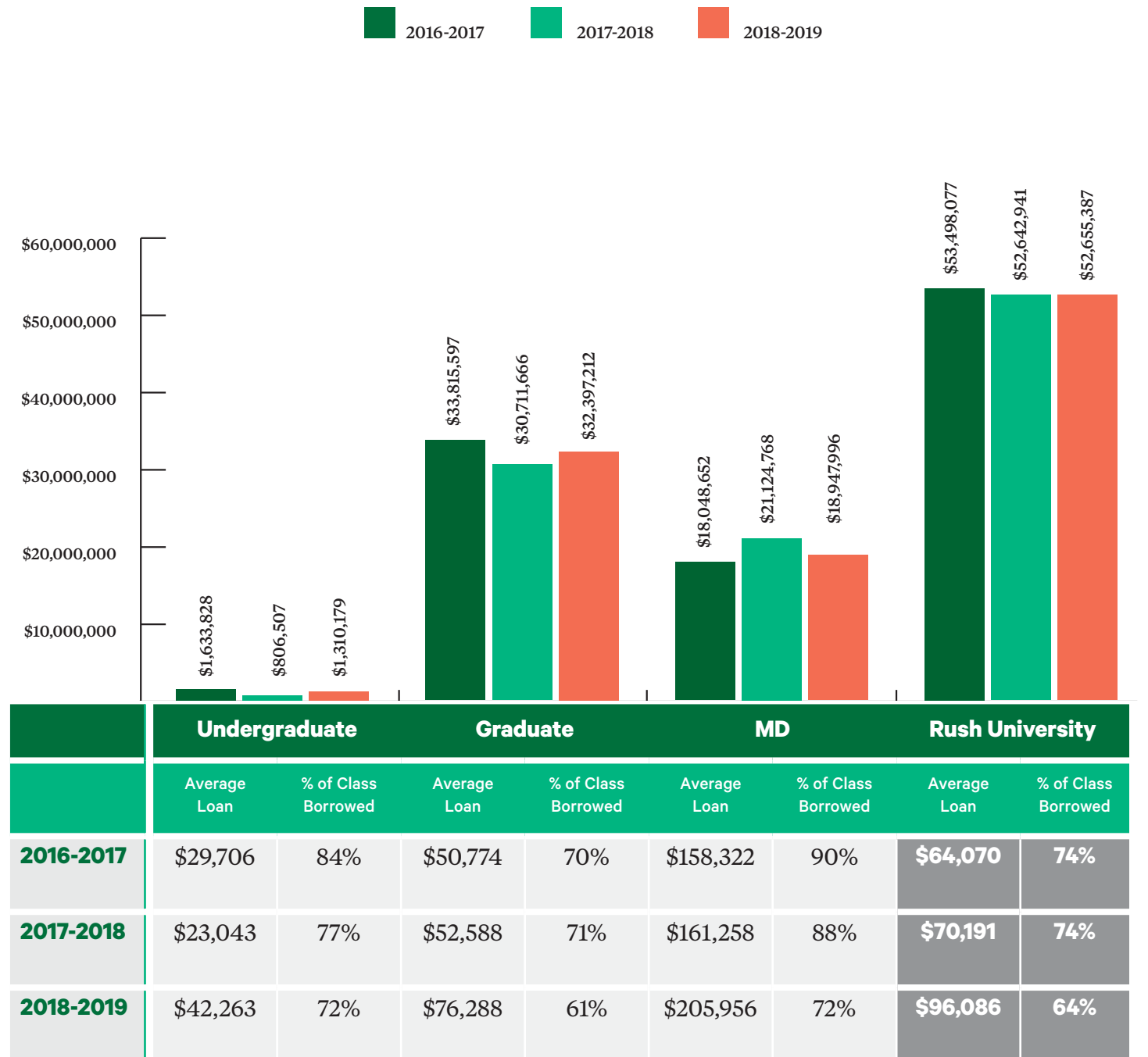
A cohort default rate is the percentage of a school's borrowers who enter repayment on certain Federal Family Education Loan (FFEL) Program or William D. Ford Federal Direct Loan (Direct Loan) Program loans during a particular federal fiscal year (FY), October 1 to September 30, and default or meet other specified conditions prior to the end of the second following fiscal year.



10.5 Rush University Cohort Default Rate for Most Recent 3 Years



10.6 Graduating Student Debt



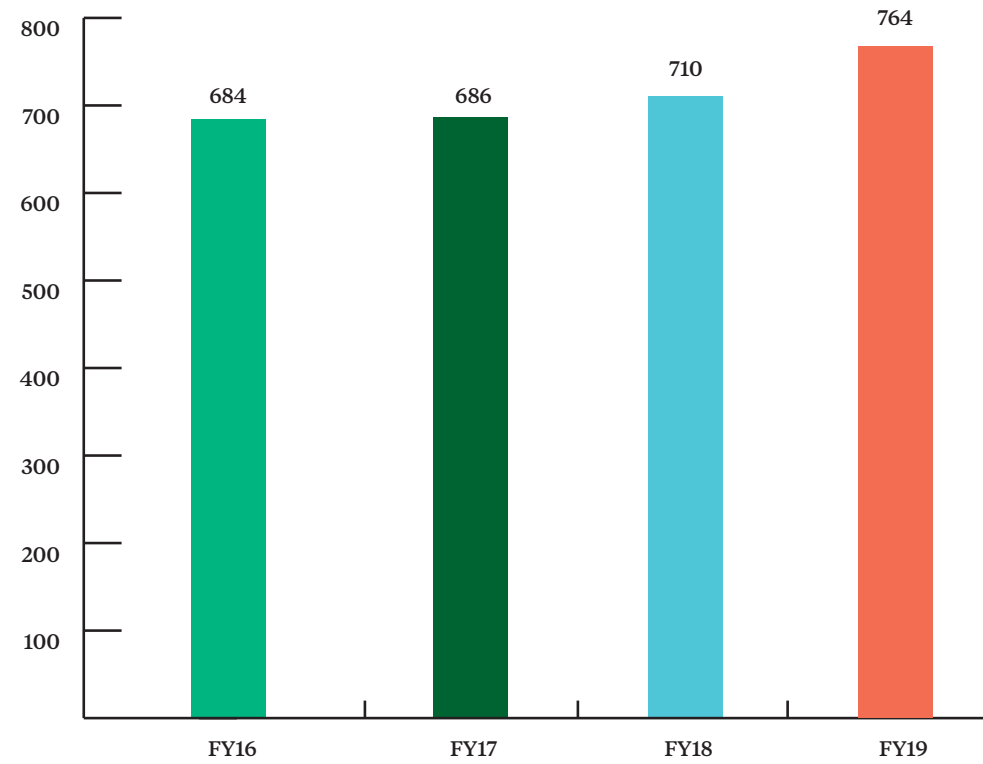


Section 11:

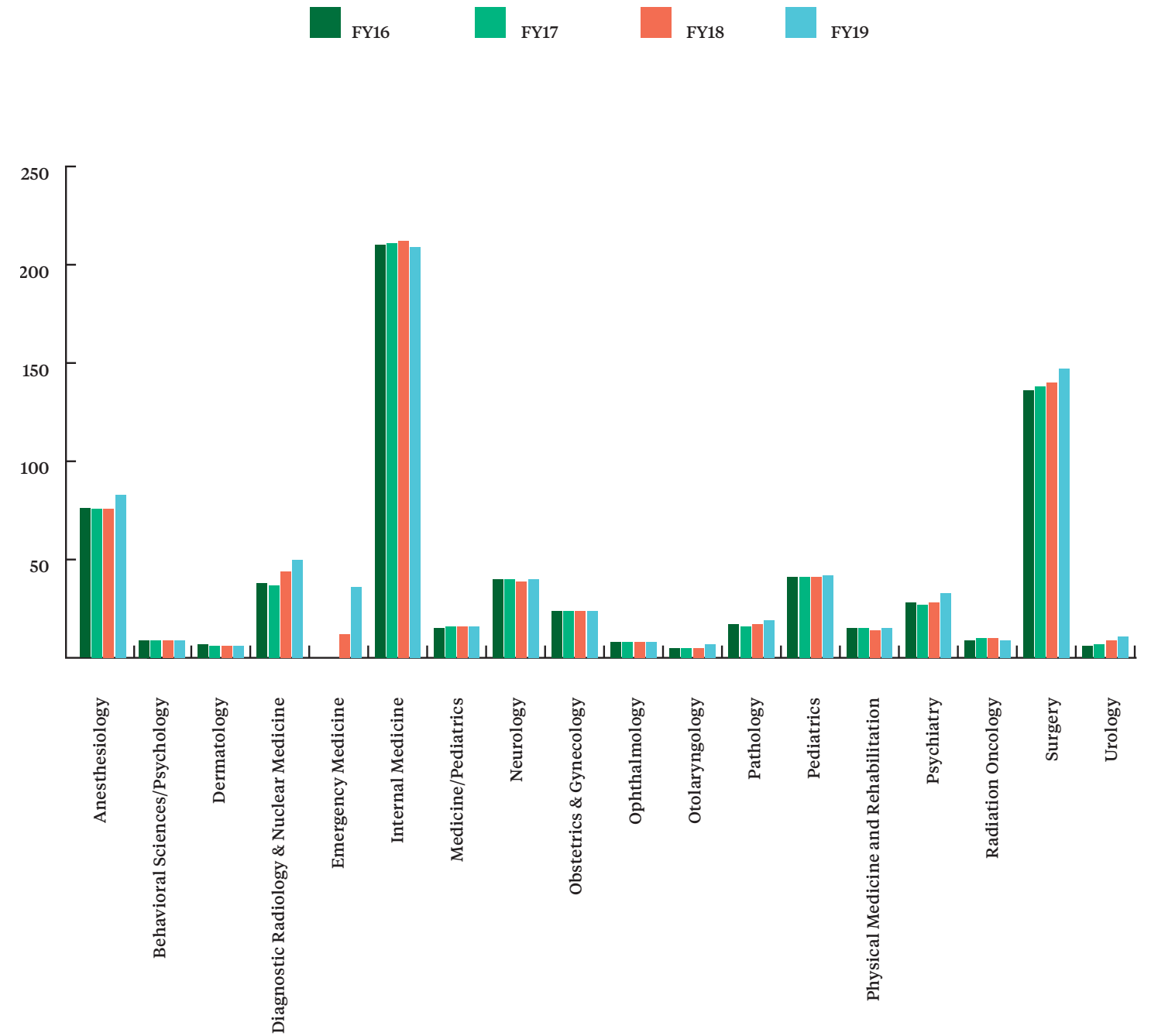
Graduate Medical Education Residents

11.1 Total Graduate Medical Education Residents

Rush University Medical Center offers more than 60 Graduate Medical Education Residency programs for physicians pursuing graduate specialty education.



11.2 Residents by Program





Section 12:

Community & Civic Engagement

12.1 Community & Civic Engagement

Rush Community Service Initiatives Program (RCSIP)

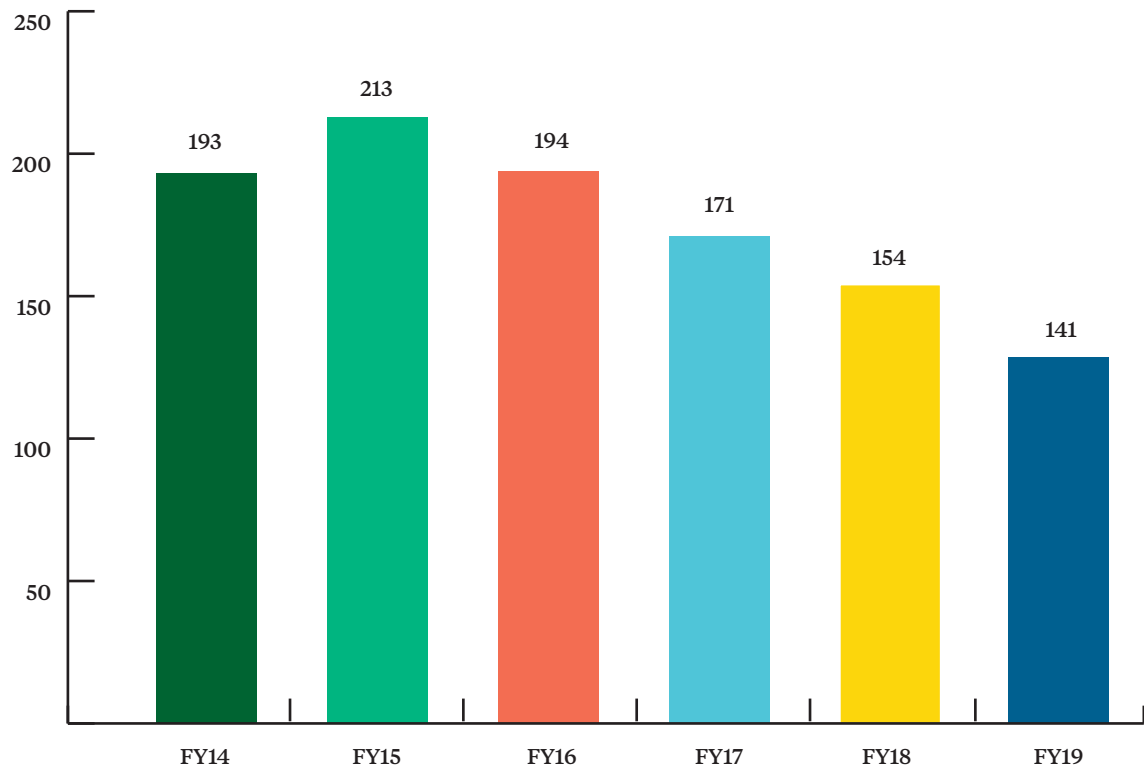
RCSIP Programs	FY15	FY16	FY17	FY18	FY19
# of Community Programs	27	27	27	27	27
# of Service Hours	7,422	8,619	5,864	9,364	9,488
# of Participants	2,001	1,935	2,100	2,500	2,668

Through the Rush Community Service Initiatives Program, there is an opportunity for Rush University students, faculty, residents, fellows and staff to use their distinct skills and talents to make a difference in our community and beyond.

Section 13:

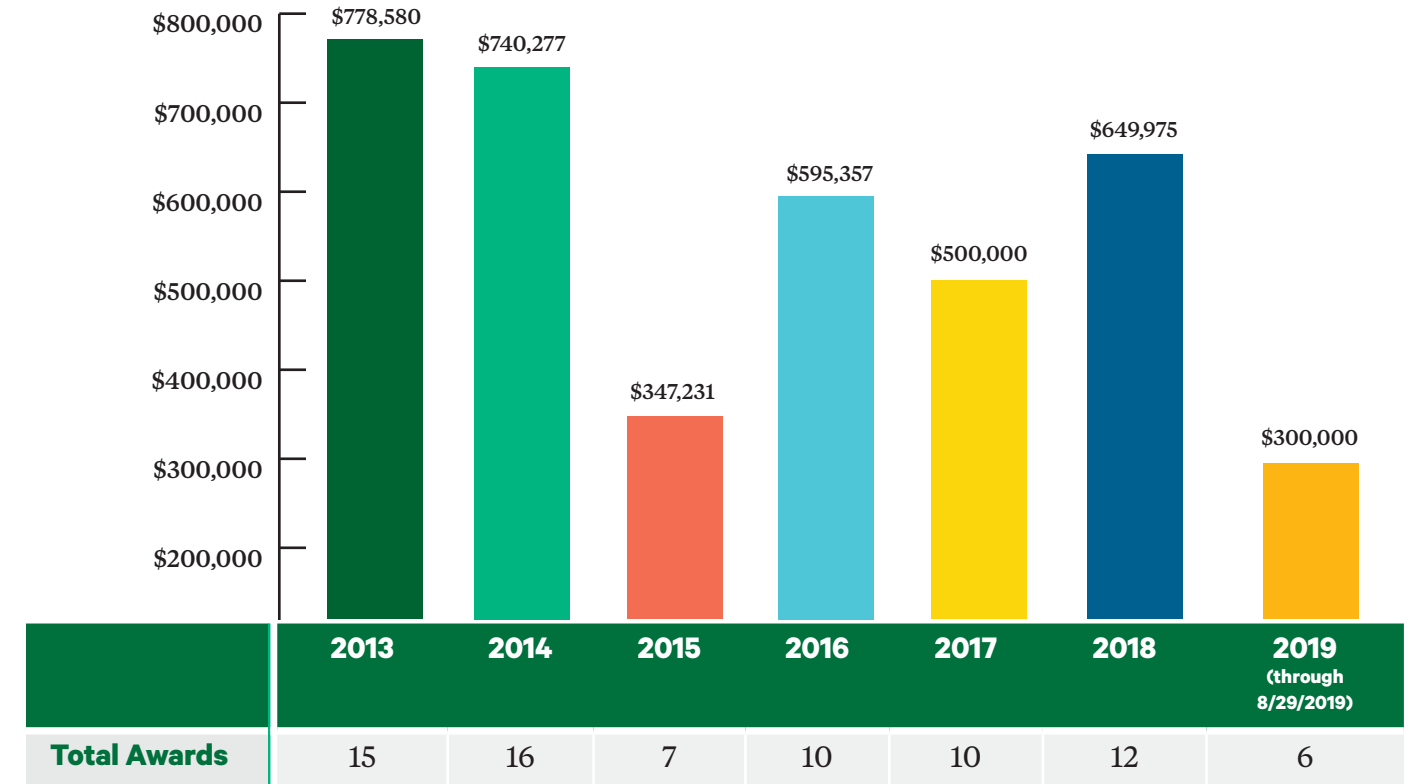
Grants & Research

13.1 Total Number of Grant Applications* Submitted



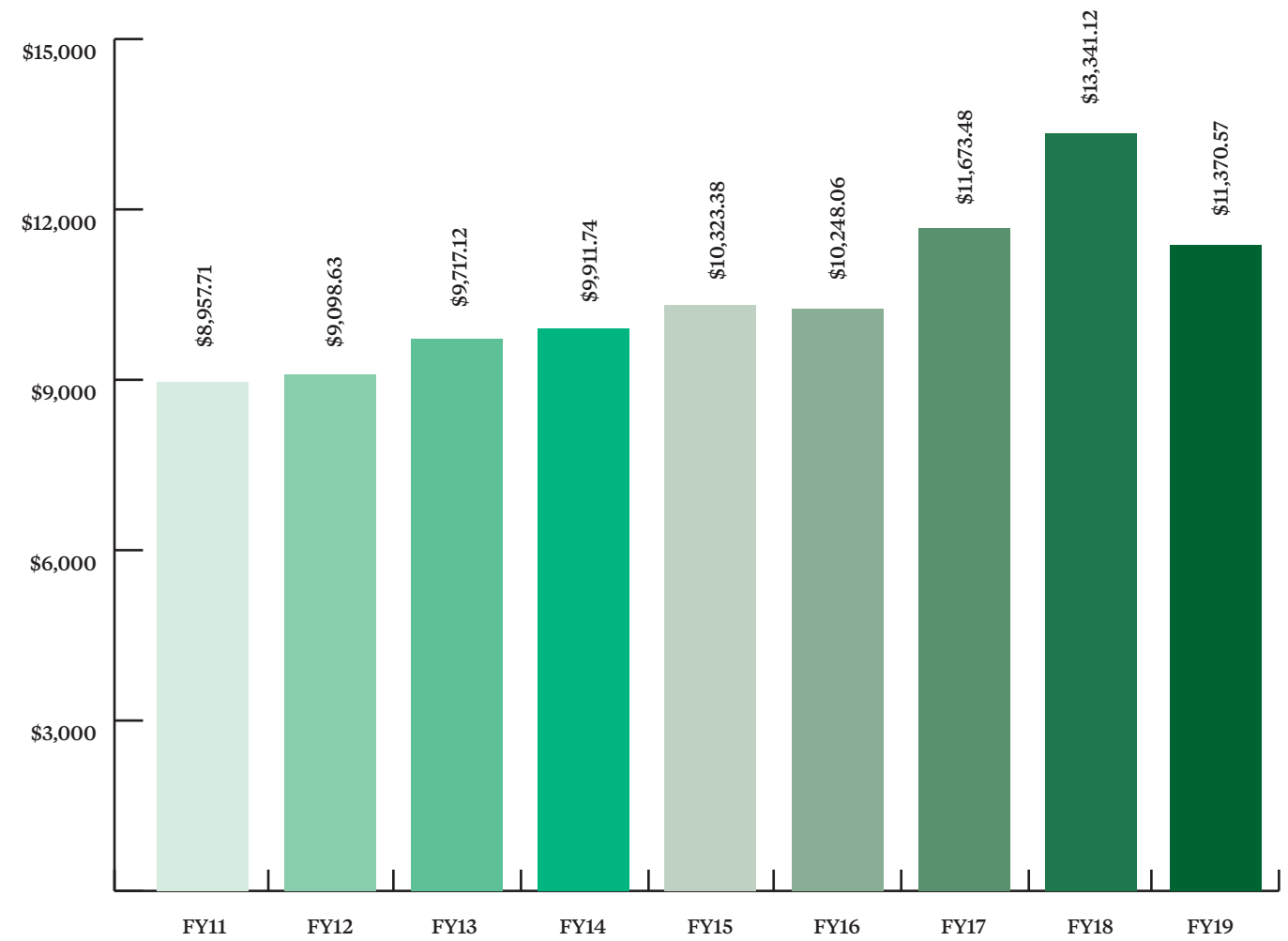
*This include new, renewal, resubmission, and revision applications.

13.2 Pilots Grants Award Amount

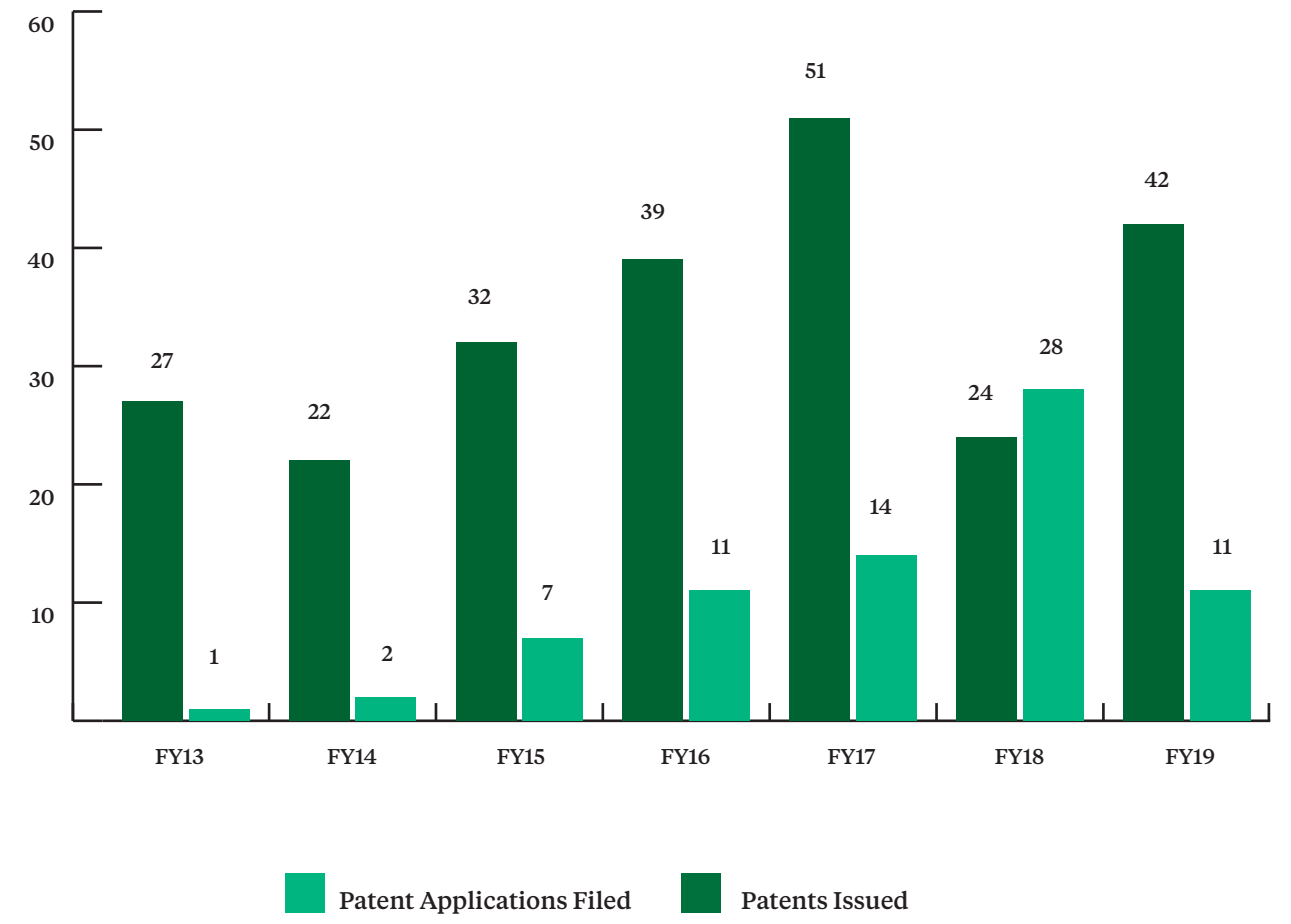


	2013	2014	2015	2016	2017	2018	2019 (through 8/29/2019)
Total Awards	15	16	7	10	10	12	6

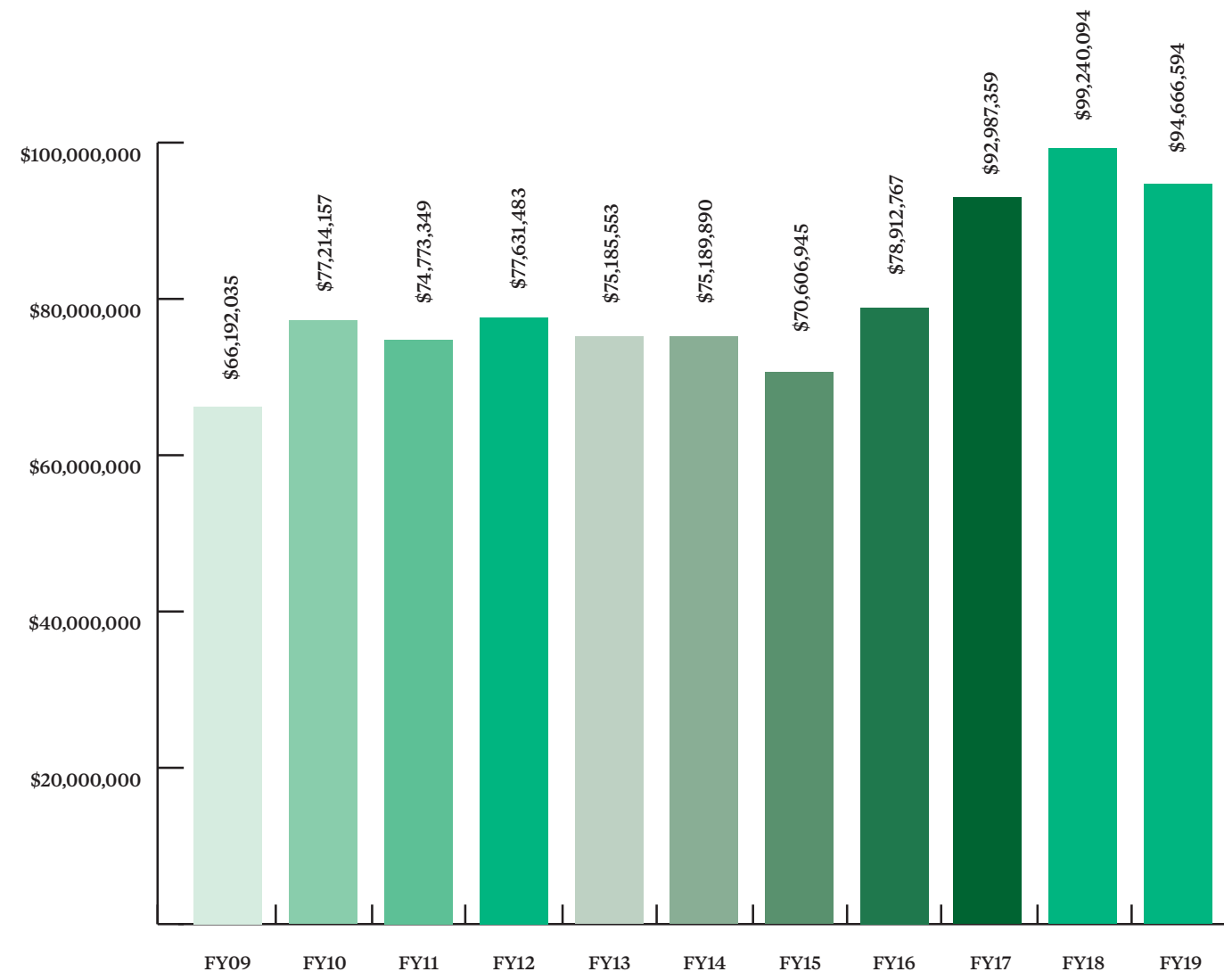
13.3 Total Industry Sponsored Research Cash Receipts (amounts in thousands)



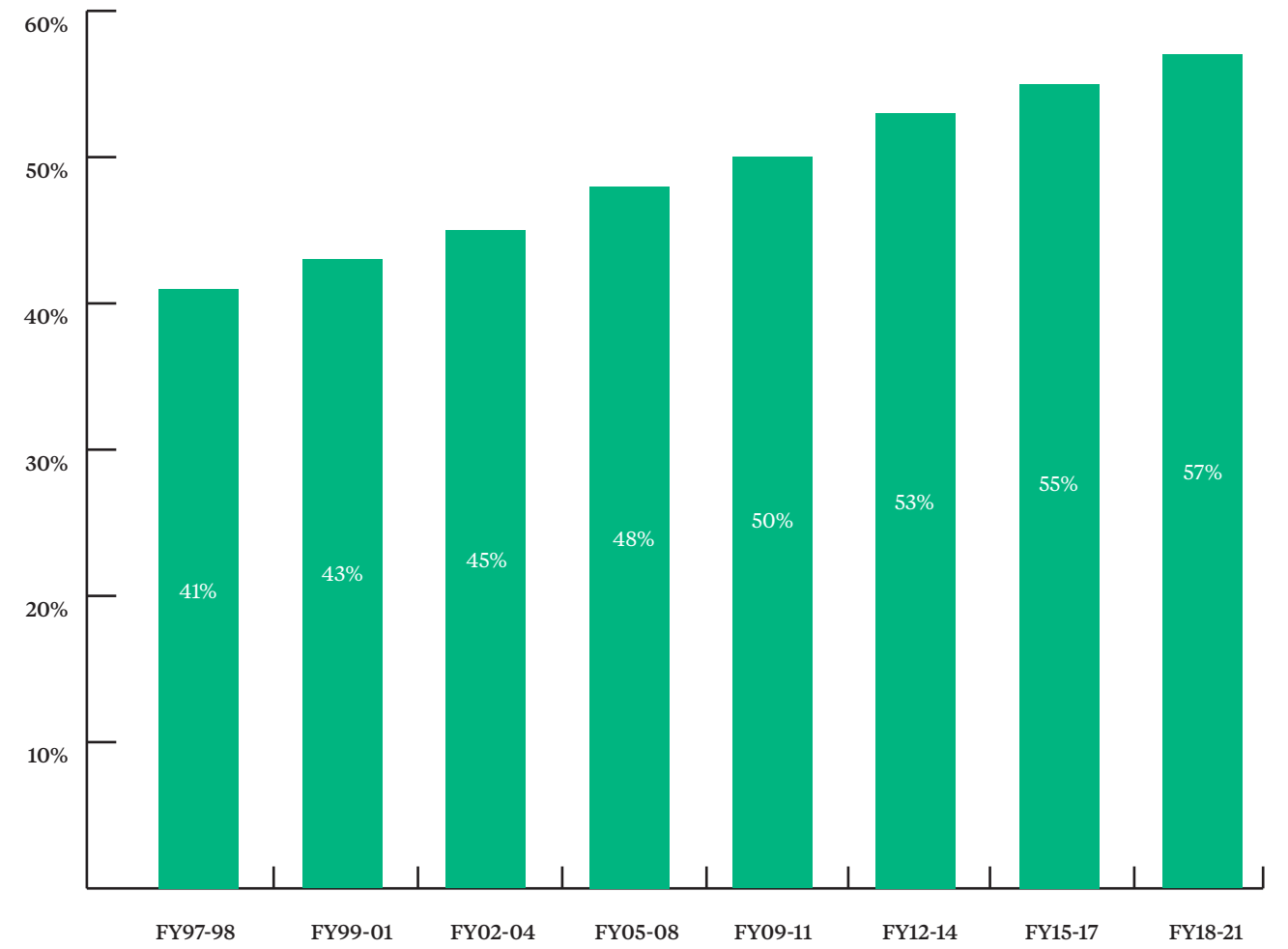
13.4 Patent Applications Filed and Issued



13.5 Total Research Awards



13.6 Federal F&A Organized Research On Site Rate



13.7 Cumulative NIH Awards (amounts in thousands)

