CAMPEP
Graduate Program Report

CAMPEP Program Director's Breakfast

12 July 2022

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Chair, CAMPEP GEPRC

Graduate Program Changes & Updates

- New Submissions and Reaccreditation Self-Studies
  – Submit using the on-line submission process via MOCAM

Self-Study Template for

CAMPEP Graduate Program Accreditation

Application Instructions

1. The graduate self-study will be submitted electronically. To allow offline preparation for this submission, the self-study template is included in this document. Where relevant, tables and appendices are labelled according to the Standard to which they refer.

2. Each Standard must be addressed individually with sufficient detail to demonstrate compliance. Most of the Standards will require a text entry.

3. It is not sufficient to state "compliant", the reviewers will assess compliance from your input to each standard.

4. Editing of input is available until such time as the application is completed.

5. Except where indicated as "optional", all elements of this application are required; missing information will delay review of your application. If a Standard is not applicable to your program, enter "N/A".

Process

1. Using the templates provided, prepare the data required to demonstrate compliance with each Standard. The templates consist of the self-study template, below, as well as several separate templates for tables and required appendices available from the CAMPEP website. In preparing materials, note that:

    a. Text from the self-study template may be pasted directly into the electronic submission system. This supports formatting but does not support pasting of images.

    b. Completed Excel templates may be imported directly into the appropriate standard. **N.B.: Empty cells are not acceptable, insert N/A in blank cells.**

    c. Completed Word templates must be converted to pdf format prior to uploading to the system.

2. Once the data has been assembled in the templates, begin the electronic submission by accessing the CAMPEP MOCAM website at campep.mymocam.com/. N.B.: Recommended Browsers: Chrome or Firefox, the use of Safari is not supported.

campep.mymocam.com

CAMPEP

REGISTER LOGIN SUPPORT

COMMISSION ON ACCREDITATION OF MEDICAL PHYSICS EDUCATION PROGRAMS

Welcome to the online application process for

CAMPEP Program Accreditation

This process is currently available for Graduate and Certificate Program Accreditation only. The software for Residency and Professional Doctorate program applications are under construction.

Process

1. Download the application templates for your program type from the CAMPEP website. The templates describe in detail the documentation required for submission.
2. Using the templates provided, prepare data appropriate to demonstrate compliance with each standard individually.
3. To initiate an application, the program director must log onto the MOCAM website and complete the initial program information, i.e., program name, address, etc. After this information is registered, an opportunity is provided for the program director to authorize another individual to upload the bulk of the data if required.
4. Information must be entered for each standard individually, generally in free text form. Final submission will not be enabled until all standards have been addressed.
5. The system will save all data as it is entered, enabling data entry to occur over several sessions.
6. After submission, review of your application will begin once the fee has been received.

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Graduate Program Changes & Updates

- Revisions to Standard 8.5 : Medical Anatomy and Physiologic Processes
  - Effective January 2021
  - Graduate Level
  - Consistent with scope of ABR Clinical Part I topics
  - Expanded to
    - Include cross sectional anatomy
    - Pathology
  - Compliance is now expected

2021 Status
Summary of Annual Reports

	2021	(2020)
• # Accredited graduate programs (institutions):	57	(56)
• # Accredited DMP programs:	4	(5)
• # Programs in initial review process:	2	(2)
• # Accredited programs in:		
– US	42	(41)
– Canada	11	(11)
– Outside North America	4	(4)

Accredited Certificate Programs

• # in Graduate programs:	24	(24)
• # in Residency programs:	5	(5)

# of Graduate Programs
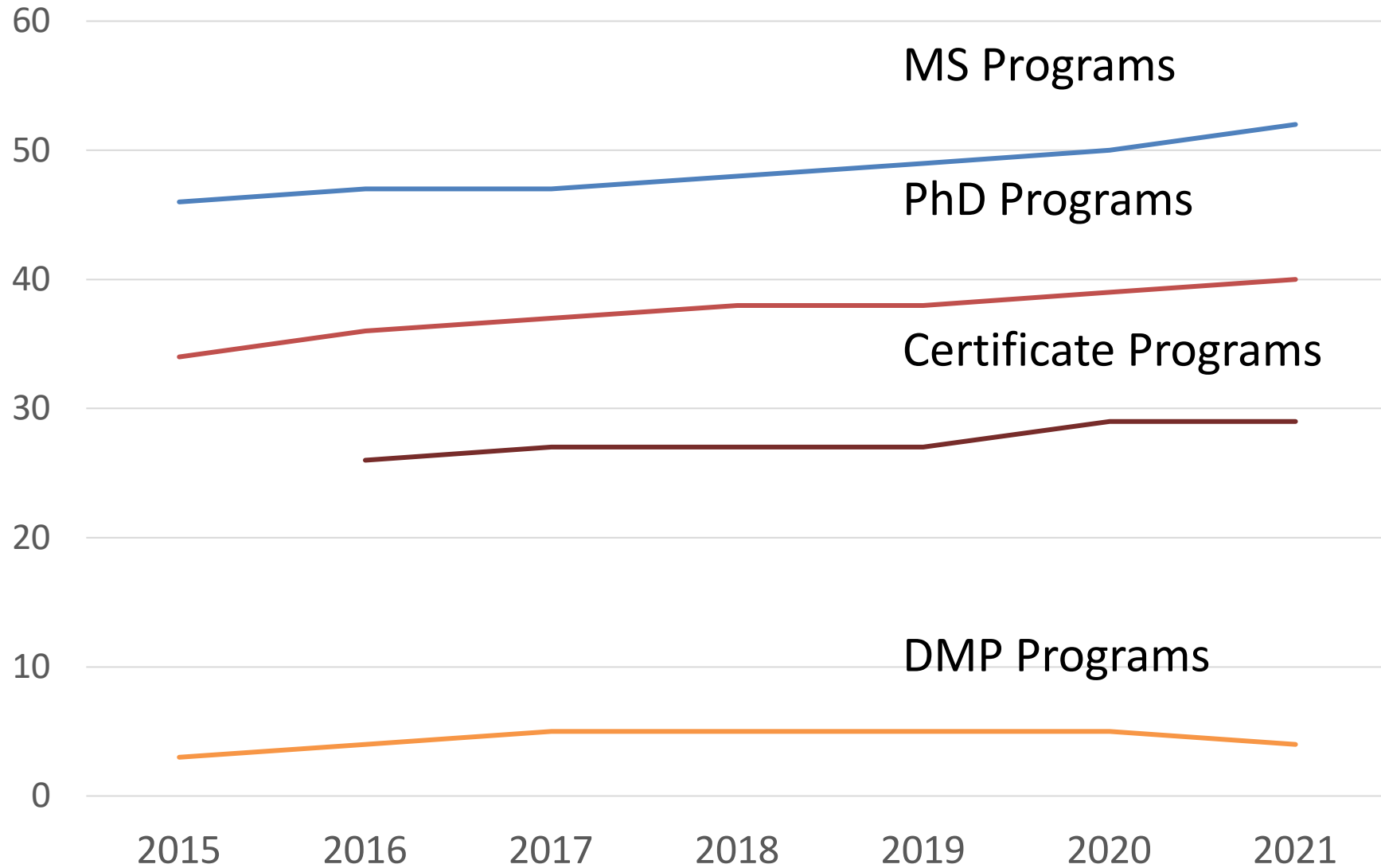
Program Response / Degree Offerings

# Programs offering:	2015	2016	2017	2018	2019	2020	2021
MS Degrees	46	47	47	48	49	50	52
PhD Degrees	34	36	37	38	38	39	40
MS & PhD Degrees	30	31	32	33	32	33	34
MS Degree Only	13	16	15	15	14	16	18
PhD Degree Only	3	5	5	5	6	7	6
DMP	3	4	5	5	5	5	4
MS & DMP					5	5	4
Certificate		26	27	27	27	29	29

MS, PhD, DMP Program Admissions
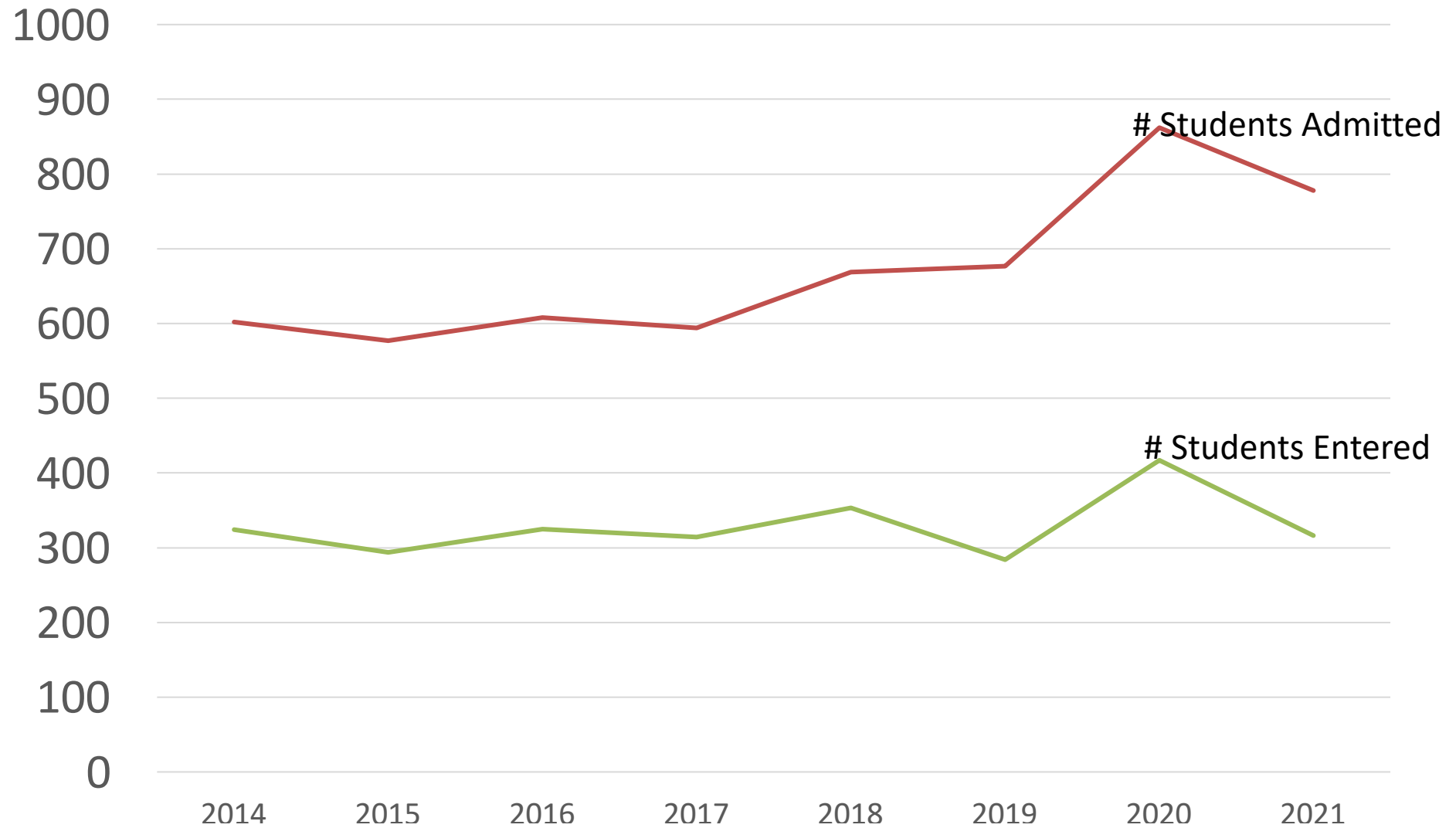
Graduate Program (MS, PhD, DMP) Applicants

	2014	2015	2016	2017	2018	2019	2020	2021
# applications reviewed	1953	1836	1921	2012	2098	1914	2535	2235
# offered admission	602	577	608	594	669	677	862	778
# matriculated	324	294	325	314	353	284	417	316
Average GPA (MS/PhD/DMP)	3.5/3.6	3.5/3.6	3.5/3.7	3.4/3.6	3.4/3.6	3.5/3.7/3.4	3.5/3.6/3.4	3.5/3.8/3.4

% Females & MinoritiesEntering Graduate Programs
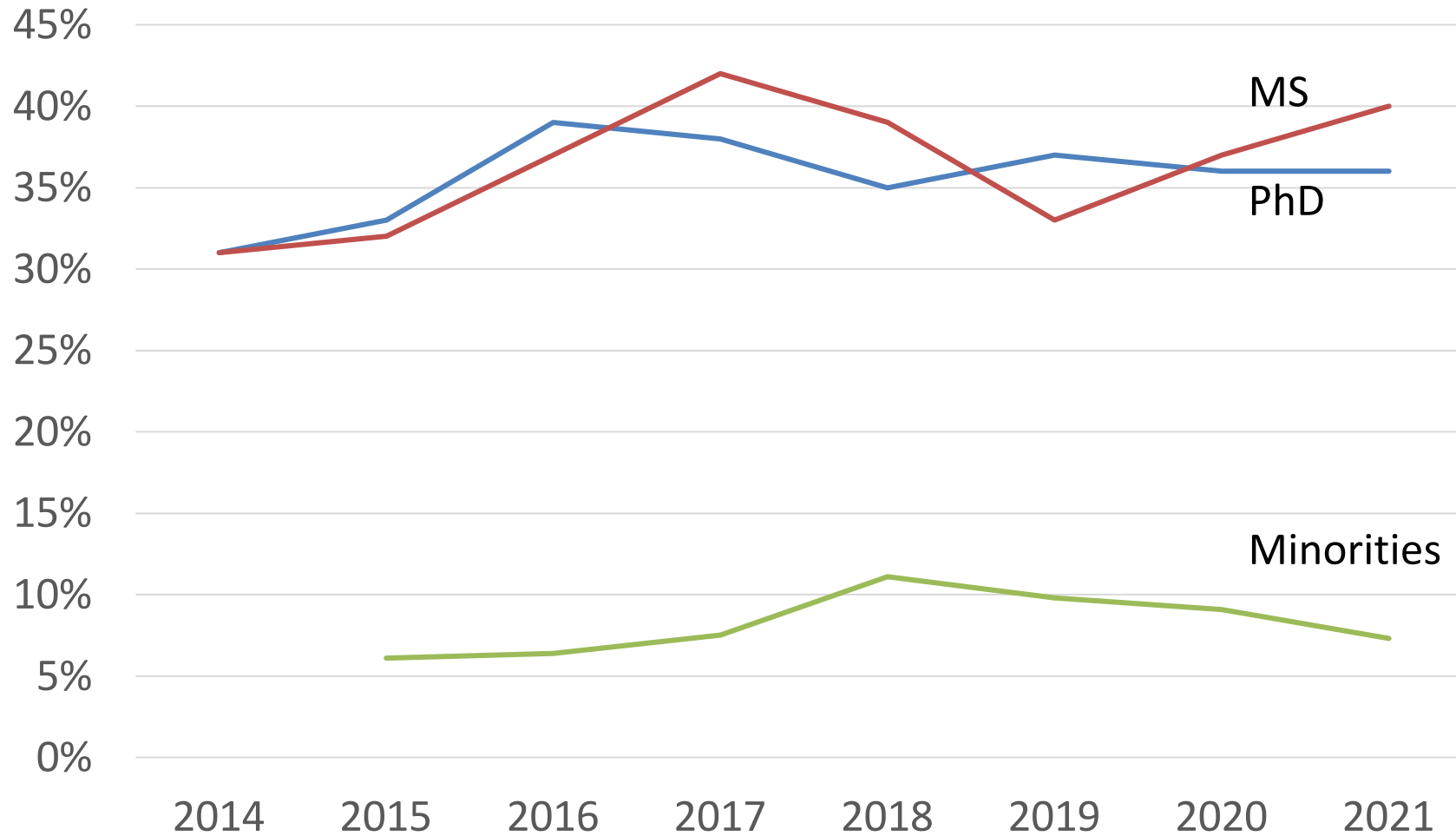
Under-Represented Minorities Admitted
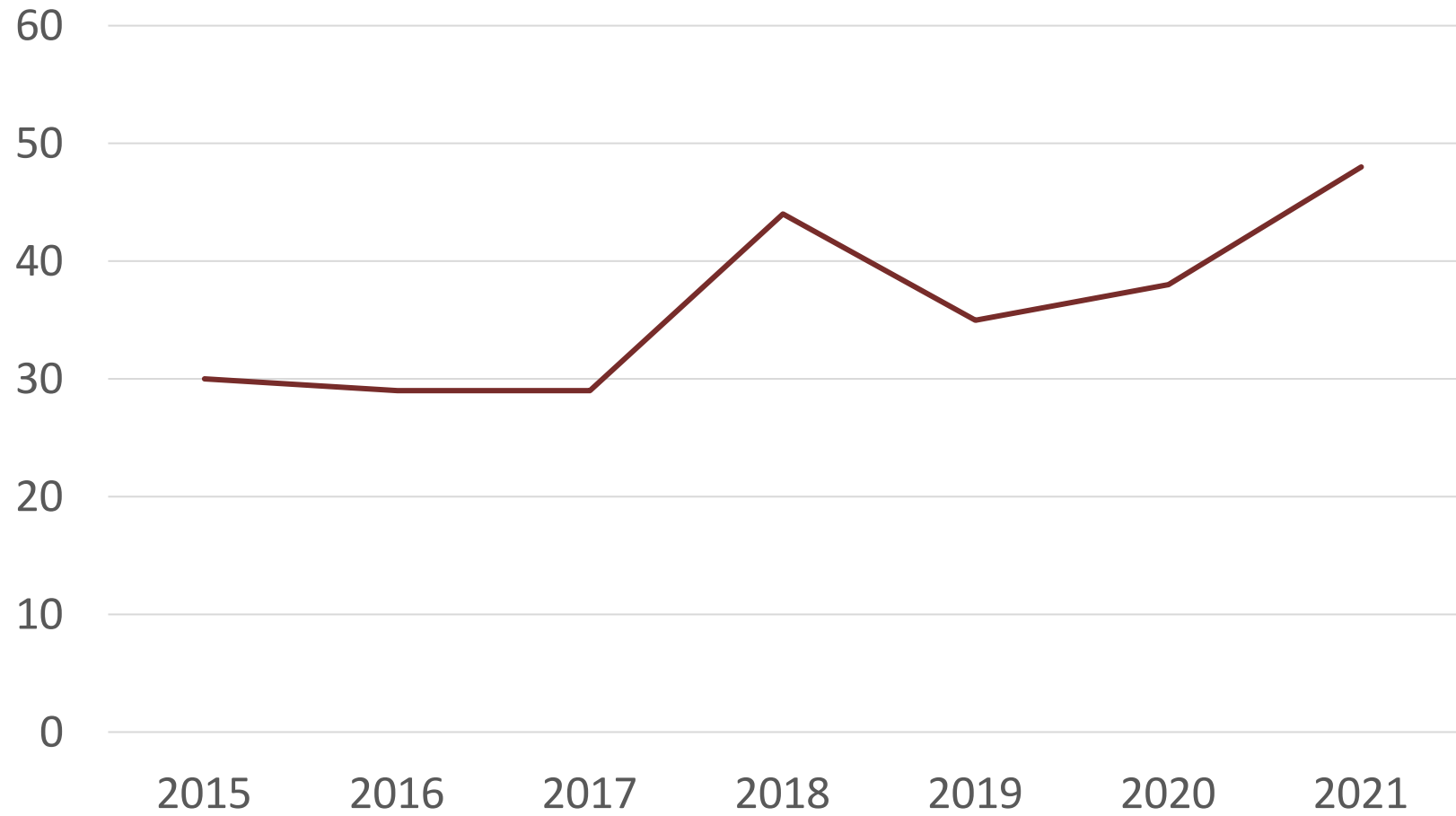
Diversity

Entering Class – Gender

	2014	2015	2016	2017	2018	2019	2020	2021
MS/MSc – Female	31%	33%	39%	38%	35%	37%	36%	36%
PhD – Female	31%	32%	37%	42%	39%	33%	37%	40%
DMP - Female	40%	15%	42%	42%	80%	17%	29%	66%

Entering Class – Ethnicity

	2015	2016	2017	2018	2019	2020	2021
Black	14	7	13	7	10	15	14
Latino	9	20	15	35	24	20	29
Native American	1	1	0	0	0	3	1
Pacific Islanders	6	1	1	2	1	0	4
% under-represented	6.1%	6.4%	7.5%	11.1%	9.8%	9.1%	7.3%
Other	19	37	30	33	27	30	9
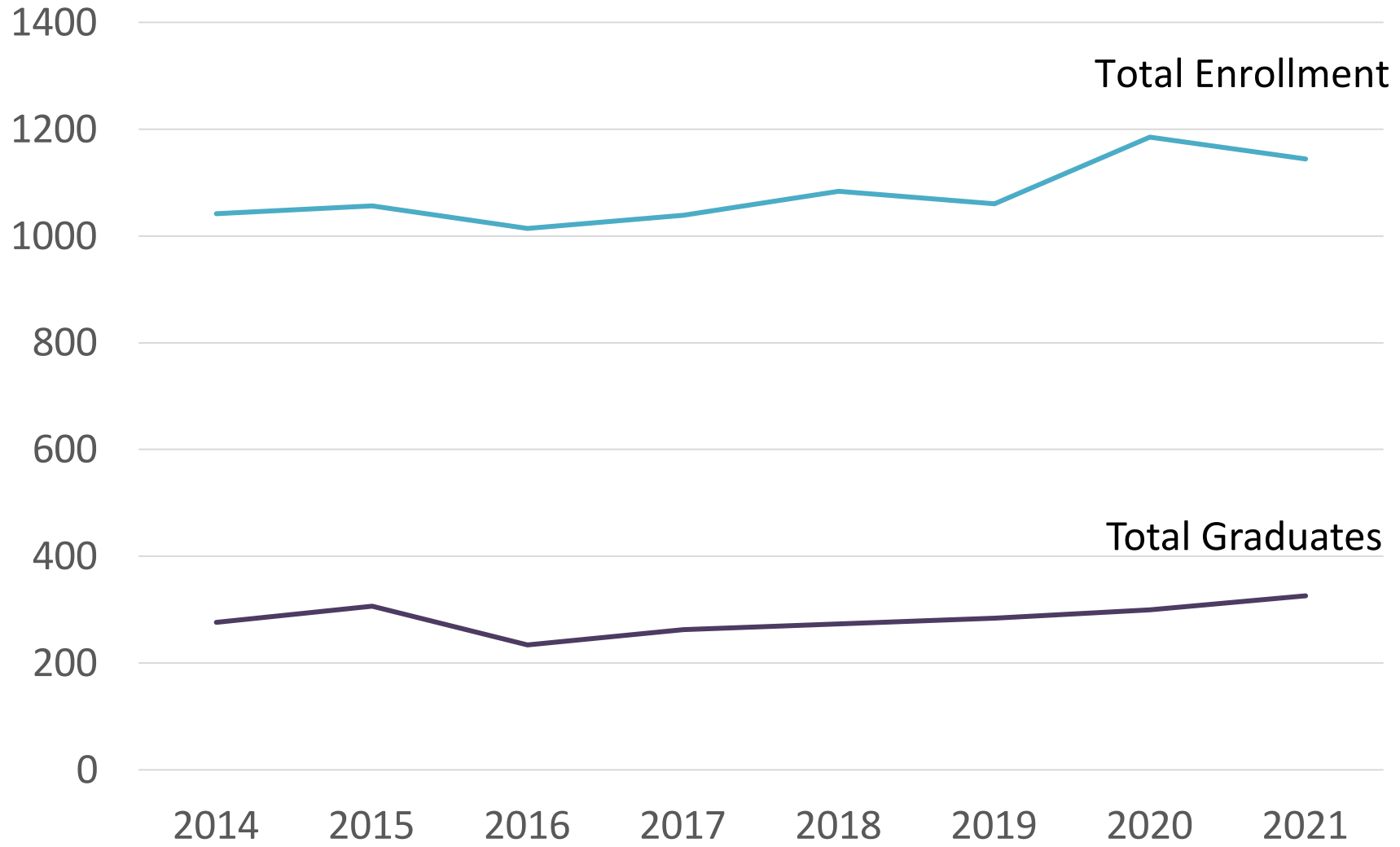
Enrollment and Graduates

	2014	2015	2016	2017	2018	2019	2020	2021
Enrollment								
MS/MSc	458	449	402	416	447	433	501	488
PhD	559	572	577	583	603	598	660	637
DMP	25	35	35	40	34	29	24	19
Total	*1042*	*1056*	*1014*	*1039*	*1084*	*1060*	*1185*	*1144*
Graduates								
MS/MSc	164	202	139	159	168	171	193	203
PhD	107	99	89	94	94	103	130	113
DMP	5	6	6	10	11	10	9	10
Total	*276*	*307*	*234*	*263*	*273*	*284*	*300*	*326*

Premature Departure

	2017	2018	2019	2020	2021
Medical or personal reasons:	13	14	10	15	3
Poor academic performance:	3	3	8.5	3	4
Left to take job:	1	3	7	2	5
Not a match for interests:	6	3	5.5	6	5
Failed required examinations	0	1	2	2	0
Other:	3	1	6	0	7
Total	26	25	39	28	24

MS/MSc Graduate Destination (198)

	2015	2016	2017	2018	2019	2020	2021
Applied to residency			50%	43%	53% (91)	40% (78)	40%(82)
Accepted into residency			68%	68%	74% (67)	73% (57)	78% (64)
Entered RT residency	23%	30%	28%	28%	32% (54)	27%(48)	27% (54)
Entered IP residency	5%	4%	5%	5%	6% (11)	5% (9)	6% (12)
Clinical position	13%	17%	8%	8%	11% (19)	12% (24)	6% (13)
Another degree	25%	35%	38%	38%	33% (57)	25% (48)	21% (42)
Position in industry	9%	7%	7%	7%	8% (13)	8% (15)	4% (9)
Position in government	3%	2%	1%	1%	1% (2)	1% (2)	2% (3)
Still seeking position	5%	2%	4%	4%	1% (2)	5% (11)	3% (7)
Position outside MP		0%	1%	8%	1% (2)	4% (8)	7% (15)
Other	16%	5%	8%	9%	6% (10)	5% (10)	4% (9)

78 % Percent of MS who applied to residency were accepted

PhD Graduate Destination (113)

	2015	2016	2017	2018	2019	2020	2021
Applied to residency			54%	48%	49% (50)	48% (62)	47%(53)
Accepted into residency			102%	96%	98% (49)	94% (58)	96% (51)
Entered RT residency	47%	37%	41%	48%	45% (46)	42% (49)	47%(53)
Entered IP residency	5%	9%	11%	5%	8% (8)	8% (9)	5% (6)
Clinical non-academic	8%	15%	10%	5%	8% (8)	2% (3)	5% (3)
Position in academia	20%	19%	24%	21%	13% (13)	8% (10)	12% (13)
Position in industry	7%	3%	1%	5%	5% (5)	11% (14)	13% (15)
Position in Government	2%	3%	0%	2%	3% (3)	3% (4)	1% (1)
Position outside MP	2%	3%	3%	4%	4% (4)	6% (8)	4% (5)
Still seeking a position	2%	3%	1%	4%	4% (4)	<1% (1)	2% (2)

96 % Percent of PhDs who applied to residency were accepted

78 % Percent of MS who applied to residency were accepted

Certificate Programs
29 Programs

	2014	2015	2016	2017	2018	2019	2020	2021
Enrollment	32	79	66	39	50	49	51	62
Graduates	25	28	24	38	27	42	32	43

Certificate Graduate Destinations (43)

	2015	2016	2017	2018	2019	2020	2021
Accepted into residency	-	-	45%	81%	67%	69%	67%
Entered RT residency	-	-	32%	70%	64%	60%	58%
Entered IP residency	4%	4%	3%	11%	10%	0%	9%

Certificate Graduate Destinations (43)

	2015	2016	2017	2018	2019	2020	2021
Accepted into residency	-	-	45%	81%	67%	69%	67%
Entered RT residency	-	-	32%	70%	64%	60%	58%
Entered IP residency	4%	4%	3%	11%	10%	0%	9%
Non-academic clinical	61%	46%	32%	56%	7%	6%	11%
Entered another degree program	4%	4%	3%	11%	0%	0%	0%
Position in academia	0%	4%	8%	11%	10%	22%	16%
Position in industry	4%	0%	0%	0%	0%	3%	5%
Position in Government	18%	38%	5%	11%	0%	0%	0%
Position outside MP	0%	0%	0%	0%	2%	3%	0%
Still seeking a position	0%	0%	0%	0%	5%	3%	0%
Other	0%	0%	0%	0%	2%	3%	0%

DMP Graduate Destination

	2020	2021
Non-academic clincial	89% (8)	80% (8)
Academic (tenure-track)	11% (1)	20% (2)

	2014	2015	2016	2017	2018	2019	2020	2021
No	32	39	38	38	41	46	47	48
Under consideration	4	3	6	5	3	1	1	2
In preparation	5	1	2	4	3	2	1	1
Waiting for institution approval	2	4	2	0	0	0	1	0
Awaiting CAMPEP accreditation	2	1	1	1	0	0	0	0
CAMPEP	2	3	4	5	6	6	6	6

Acknowledgement

Thanks to all program directors for timely response to our request for data.

- The annual report is our primary method of gathering statistics for both CAMPEP and SDAMP.
- Are there questions that could or should be removed? Or added?