



## **Competition Year 2021 statistics: Postgraduate Scholarships, Alexander Graham Bell Canada Graduate Scholarships, Postdoctoral Fellowships Program, and Undergraduate Student Research Awards**

This document includes tables and figures that provide summary information on the Natural Sciences and Engineering Research Council of Canada (NSERC)'s 2021 Postdoctoral Fellowships (PDF) competitions; Postgraduate Scholarships – Doctoral (PGS-D); Alexander Graham Bell Canada Graduate Scholarships – Doctoral (CGS-D); and the fiscal year 2020 Undergraduate Student Research Awards (USRA). The data contained herein corresponds to offers of scholarships and fellowships that NSERC was able to make in accordance with the available budget. Additional offers may be made once the number of recipients who decline their offer is known.

2020 Competition Statistics



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### Section 1 – Postdoctoral Fellowship statistics

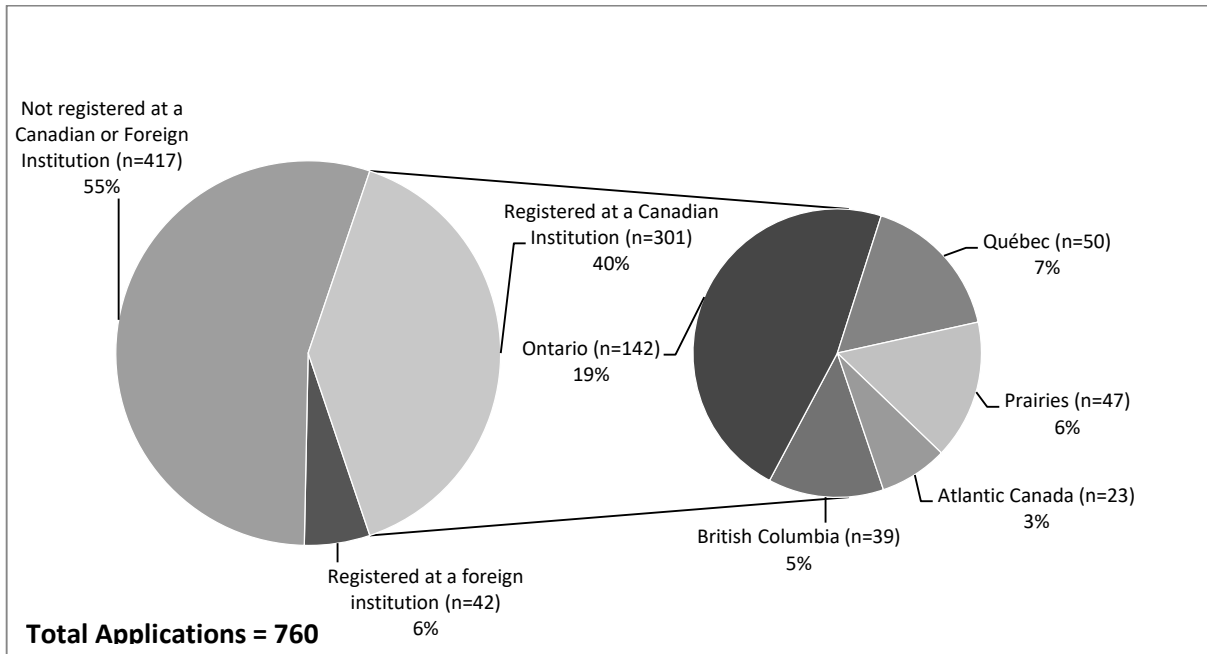


Figure 1: Postdoctoral Fellowships Applications by Region, Competition Year 2021

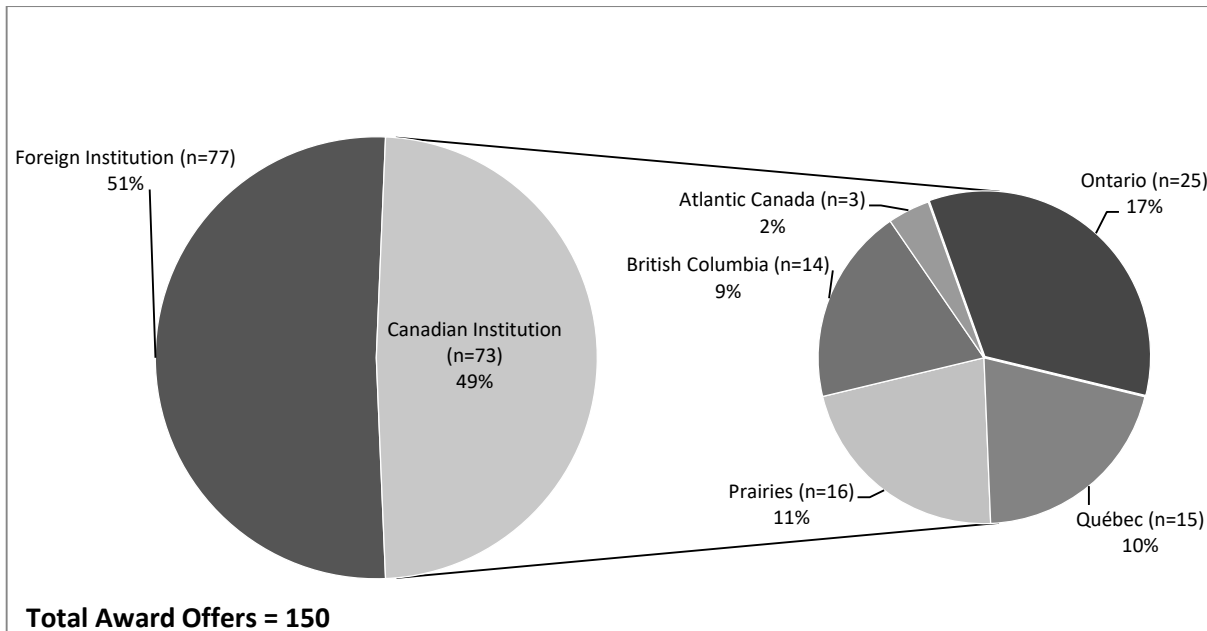


Figure 2: Postdoctoral Fellowship Offers<sup>1,2</sup> by region, Competition Year 2021

<sup>1</sup> Reflects initial offers only

<sup>2</sup> Based on the applicant’s proposed choice of tenure location

Note: Figures 1 and 2 cannot be directly compared as applicants registered at a Canadian institution at the time of their application may take up their awards at a foreign institution. The opposite is also true, as per the Postdoctoral Fellowship program guidelines: [https://www.nserc-crsng.gc.ca/students-etudiants/pd-np/pdf-bp\\_eng.asp](https://www.nserc-crsng.gc.ca/students-etudiants/pd-np/pdf-bp_eng.asp)

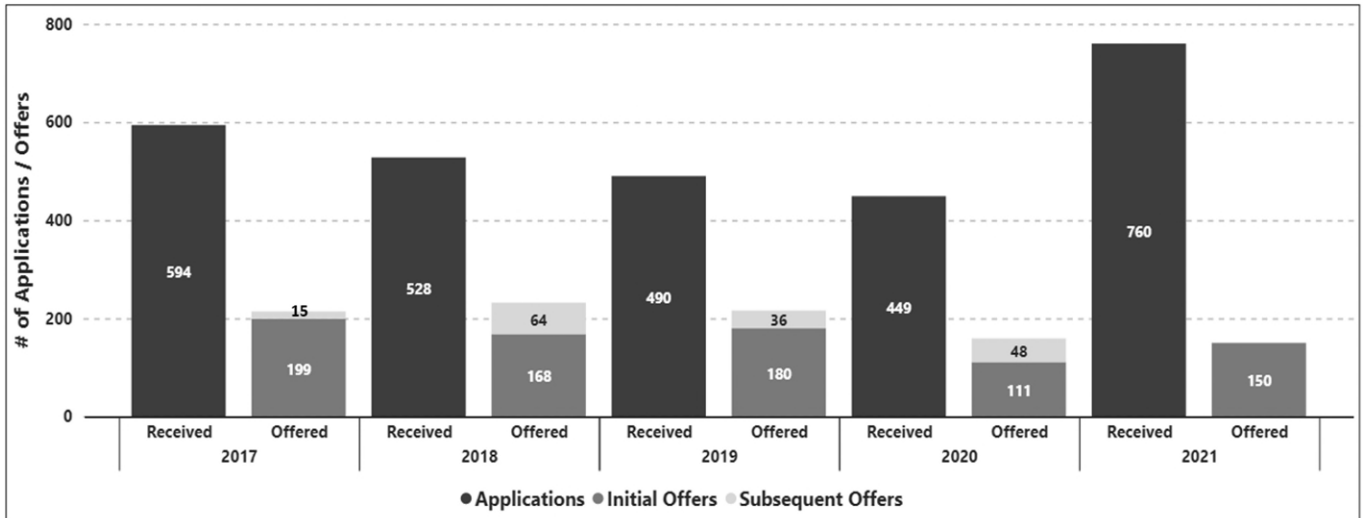


Figure 3: Postdoctoral Fellowship Applications Received, and Awards Offered by Competition Year (2017-2021)

Note: The significant increase in applications observed in 2021 was largely due to the [eligibility changes to the PDF program](#).

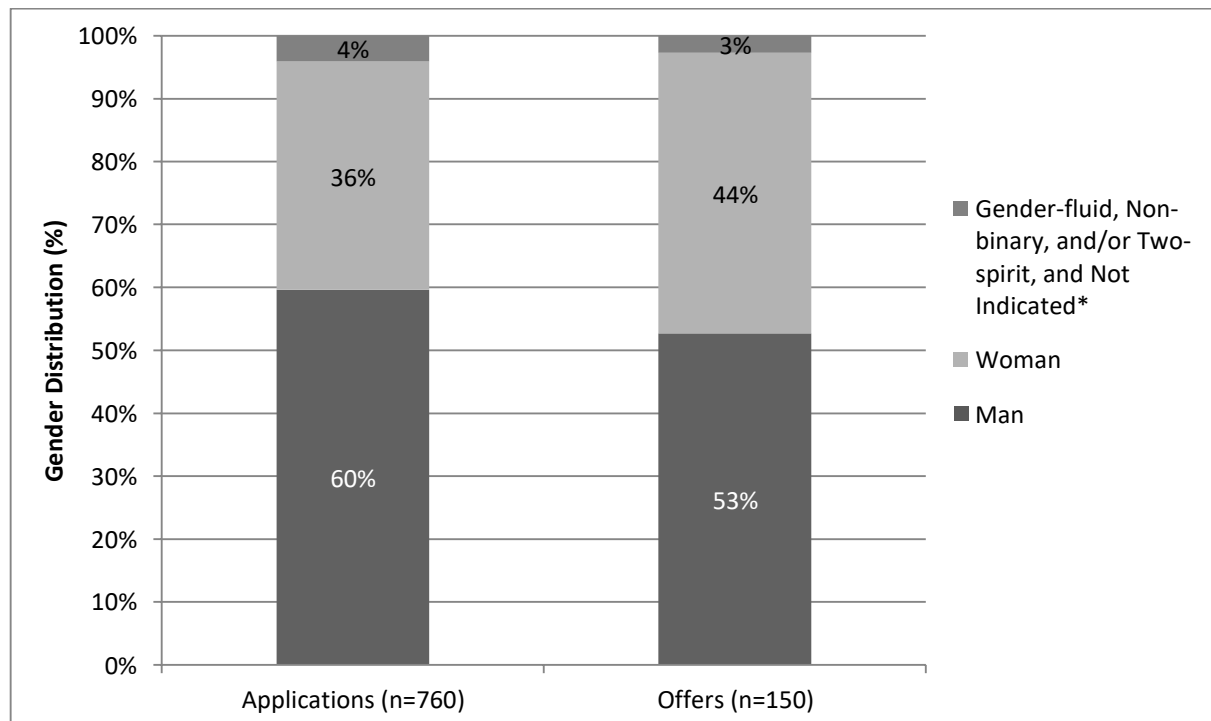


Figure 4: Gender distribution of Postdoctoral Scholarship Applications and Offers, Competition Year 2021

\* "Gender-fluid, Non-binary, and/or Two-spirit, and Not Indicated" is an aggregation of the responses "Gender-fluid, non-binary, and/or two-spirit" and "I prefer not to answer."



Table 1: Postdoctoral Fellowship applications, award offers<sup>3</sup>, and respective rates<sup>4</sup> by gender and selection committee, Competition Year 2021

Selection Committee	PDF							
	Application Rates and Applications						Offer Rates and Offers	
	Women		Men		Gender-fluid, Non-binary, and/or Two-spirit, and Not Indicated*		All Offers	
	%	No.	%	No.	%	No.	%	No.
Geosciences	38%	22	59%	34	**	**	19%	11
Evolution and Ecology	63%	57	35%	31	**	**	19%	17
Mathematical Sciences	**	**	72%	34	**	**	19%	9
Physics and Astronomy	18%	11	78%	47	**	**	20%	12
Chemistry	31%	16	67%	35	**	**	19%	10
Cellular and Molecular Biology	53%	41	44%	34	**	**	21%	16
Chemical, Biomedical and Materials Science Engineering	42%	36	58%	49	**	**	20%	17
Plant and Animal Biology	36%	24	53%	35	**	**	20%	13
Psychology	36%	16	57%	25	**	**	21%	9
Electrical Engineering	**	**	77%	27	**	**	20%	7
Computing Sciences	**	**	79%	37	**	**	19%	9
Civil and Industrial Engineering	27%	17	67%	42	**	**	19%	12
Mechanical Engineering	36%	13	64%	23	**	**	22%	8
<b>Total</b>	<b>36%</b>	<b>276</b>	<b>60%</b>	<b>453</b>	<b>4%</b>	<b>31</b>	<b>20%</b>	<b>150</b>

Table 2: Postdoctoral Fellowship Competition Results for Self-Identification Data, Competition Year 2021

	PDF	
	No. of Applications	No. of Offers
Indigenous	**	**
Member of a Visible Minority	264	36
Person with a Disability	25	**

<sup>3</sup> Reflects initial offers only

<sup>4</sup> Application rate is the percentage of a group of applicants who applied over the total number of applications. Offer rate is the percentage of applicants who received an award offer out of the total number of applications from their respective group.

\* "Gender-fluid, Non-binary, and/or Two-spirit, and Not Indicated" is an aggregation of the responses "Gender-fluid, non-binary, and/or two-spirit" and "I prefer not to answer."

\*\* In compliance with the Privacy act, and alignment with [best practices described by the Treasurer Board of Canada Secretariat](#), cells with less than 10 have been suppressed to reduce the risk of re-identification.



## Section 2 – Postgraduate Scholarship statistics

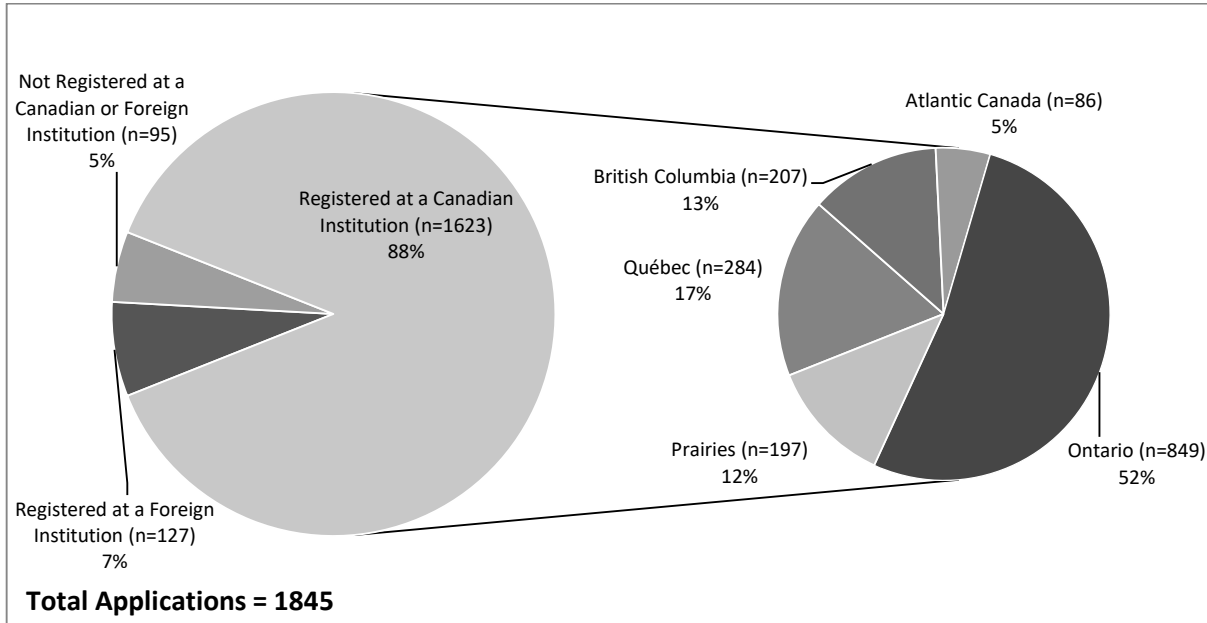


Figure 5: Postgraduate Scholarship (CGS D/PGS D) Applications by Region, Competition Year 2021

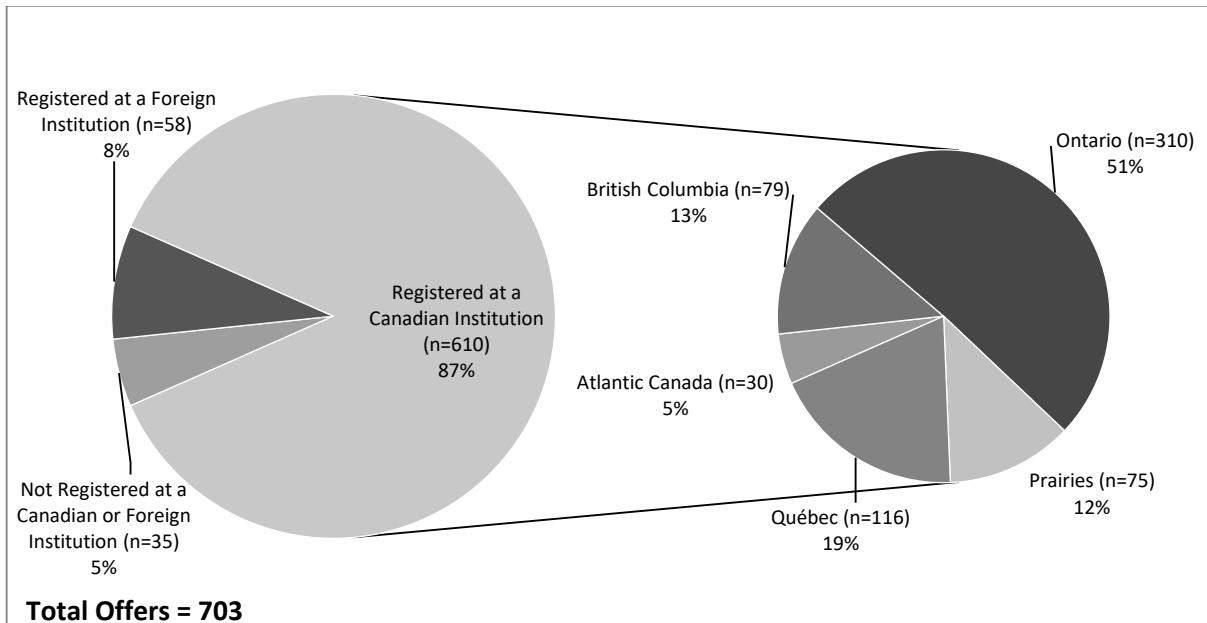


Figure 6: Postgraduate Scholarship (CGS D/PGS D) Offers<sup>5</sup> by Region, Competition Year 2021

<sup>5</sup> Reflects initial offers only

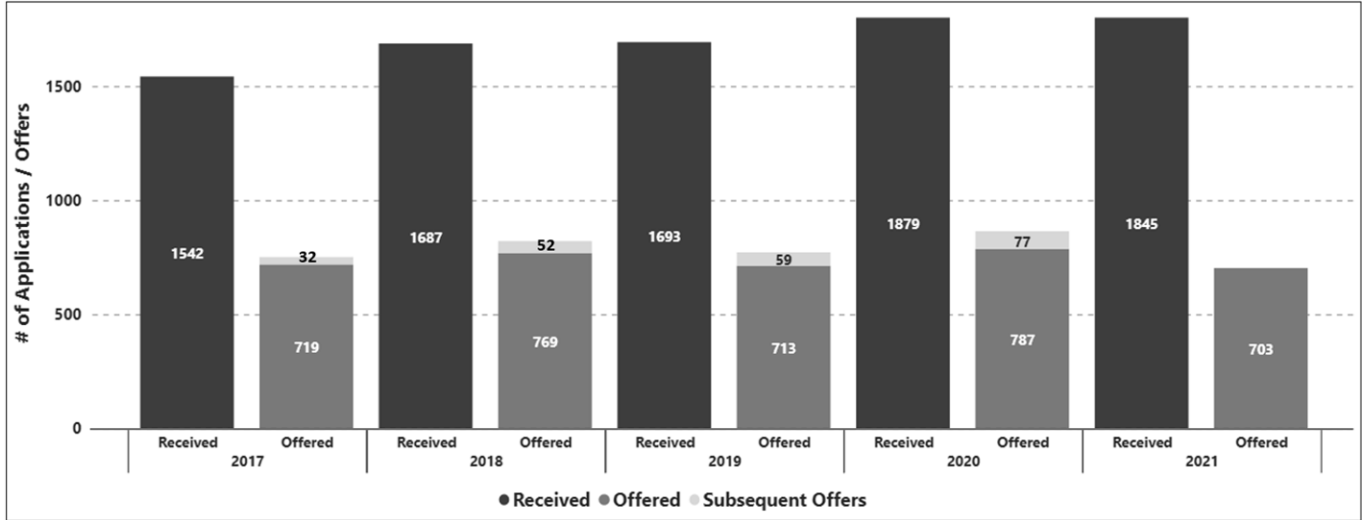


Figure 7: Postgraduate Scholarship (CGS D/PGS D) Applications Received and Awards Offered by Competition year (2017-2021)

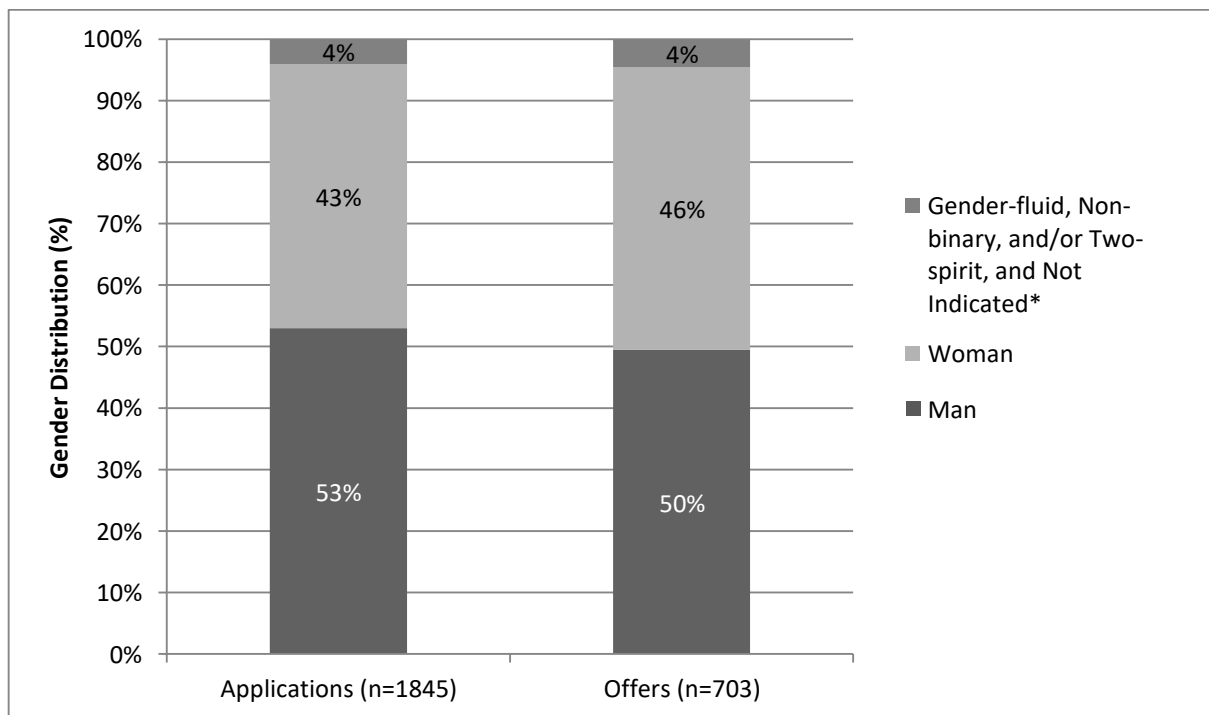


Figure 8: Gender Distribution of Postgraduate Scholarship (CGS D/PGS D) Applications and Offers, Competition Year 2021

\* "Gender-fluid, Non-binary, and/or Two-spirit, and Not Indicated" is an aggregation of the responses "Gender-fluid, non-binary, and/or two-spirit" and "I prefer not to answer."



Table 3: Postgraduate Scholarship (CGS D/PGS D) Applications, Offers<sup>6</sup>, and Respective Rates<sup>7</sup> by Gender and Selection Committee, Competition Year 2021

Selection Committee	CGS D / PGS D Combined							
	Application Rates and Applications						Offer Rates and Offers	
	Women		Men		Gender-fluid, Non-binary, and/or Two-spirit, and Not Indicated		All Offers	
	%	No.	%	%	%	No.	%	No.
<b>Geosciences</b>	50%	59	48%	57		**	38%	45
<b>Evolution and Ecology</b>	65%	140	32%	70	**	**	38%	82
<b>Mathematical Sciences</b>	34%	31	60%	55	**	**	38%	35
<b>Physics and Astronomy</b>	24%	40	69%	116	8%	13	38%	64
<b>Chemistry</b>	36%	53	60%	88	**	**	38%	56
<b>Cellular and Molecular Biology</b>	45%	103	51%	117	4%	10	38%	87
<b>Chemical, Biomedical and Materials Science Engineering</b>	39%	58	60%	89	**	**	37%	56
<b>Plant and Animal Biology</b>	56%	81	40%	57	**	**	38%	55
<b>Psychology</b>	66%	109	28%	45	6%	10	38%	62
<b>Electrical Engineering</b>	17%	12	81%	58	**	**	40%	29
<b>Computing Sciences</b>	25%	40	68%	109	7%	11	38%	61
<b>Civil and Industrial Engineering</b>	43%	49	57%	65	**	**	38%	43
<b>Mechanical Engineering</b>	25%	18	72%	51	**	**	39%	28
<b>Total</b>	<b>43%</b>	<b>793</b>	<b>53%</b>	<b>977</b>	<b>4%</b>	<b>75</b>	<b>41%</b>	<b>703</b>

Table 4: Postgraduate Scholarship (CGS D/PGS D) Competition Results for Applicant Self-Identification Data, Competition Year 2021

	CGS D / PGS-D Combined	
	No. of Applications	No. of Offers
<b>Indigenous</b>	37	17
<b>Member of a Visible Minority</b>	535	184
<b>Person with a Disability</b>	67	30

<sup>6</sup> Reflects initial offers only

<sup>7</sup> Application rate is the percentage of a group of applicants who applied over the total number of applications. Offer rate is the percentage of applicants who received an award offer out of the total number of applications from their respective group.

\* "Gender-fluid, Non-binary, and/or Two-spirit, and Not Indicated" is an aggregation of the responses "Gender-fluid, non-binary, and/or two-spirit" and "I prefer not to answer."

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### Section 3 – Undergraduate Student Research Award

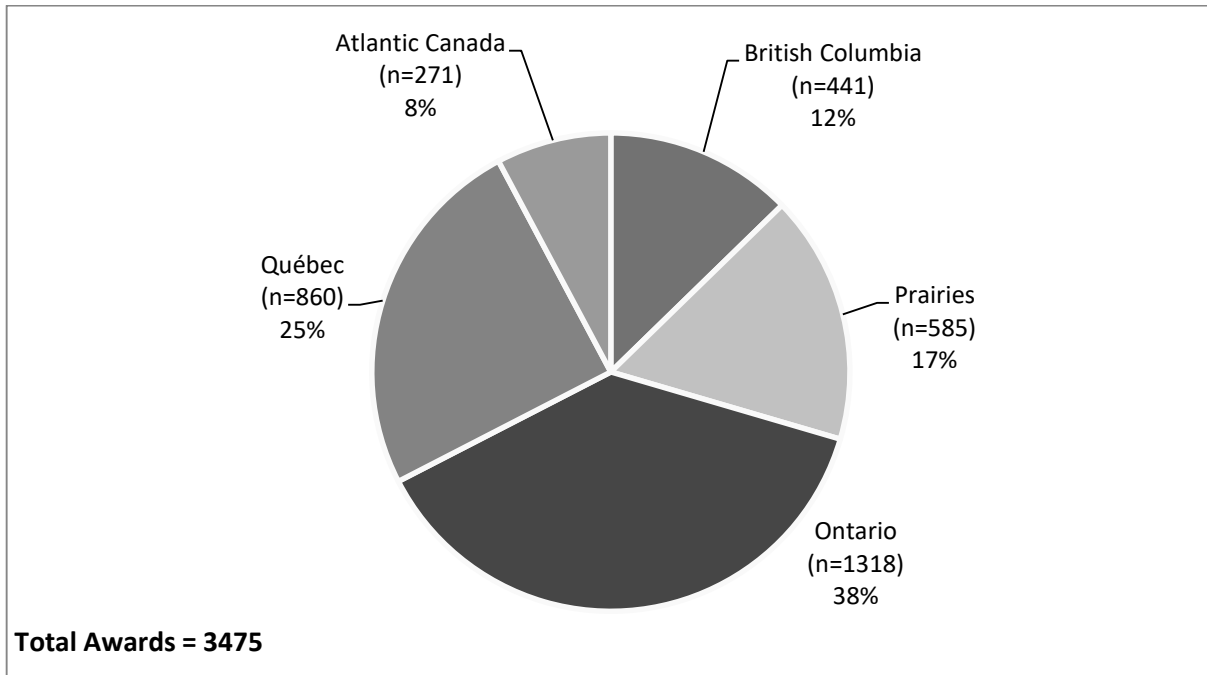


Figure 9: Undergraduate Student Research Award Competition Results by Region, Fiscal Year 2020-21

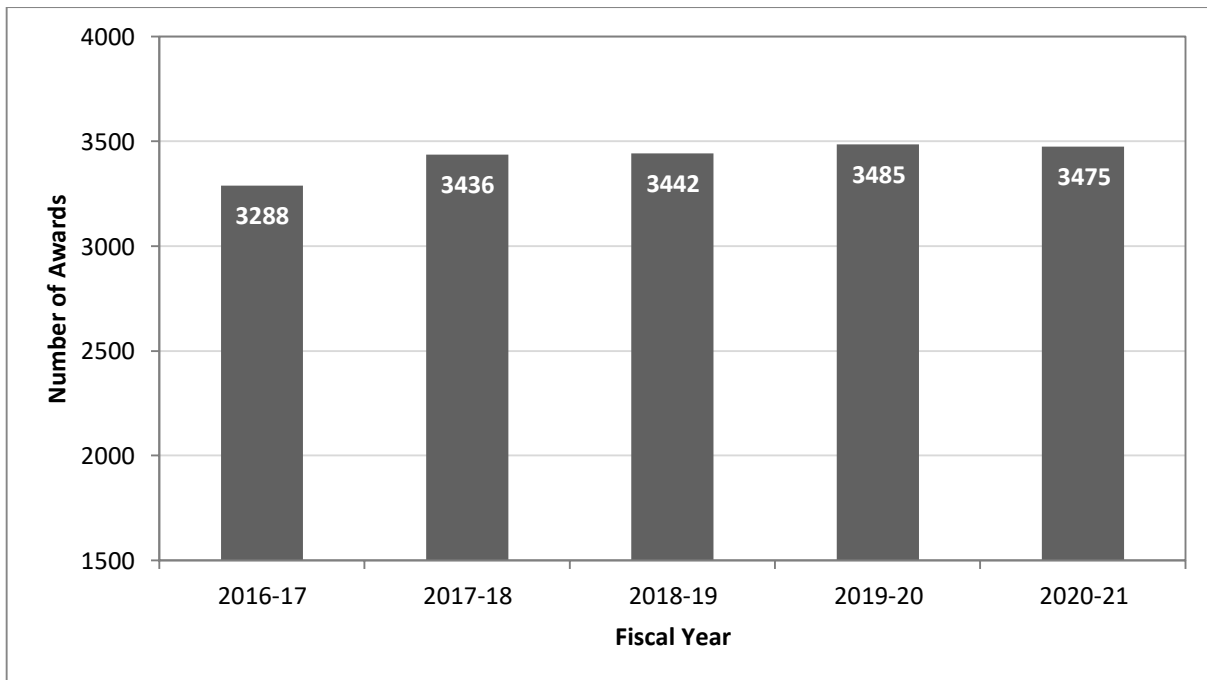


Figure 10: Number of Undergraduate Student Research Awards by Fiscal Year



Table 5: Undergraduate Student Research Award (USRA) Proportion of Awards by Gender and by Research Area<sup>8</sup>, Fiscal Year 2020-21<sup>9</sup>

USRA  Research Area	Awards					
	Woman		Man		Gender-fluid, Non-binary, and/or Two- spirit, and Not Indicated*	
	%	No.	%	No.	%	No.
<b>Geosciences</b>	63%	123	34%	67	**	**
<b>Evolution and Ecology</b>	67%	179	31%	82	**	**
<b>Mathematical Sciences</b>	27%	65	68%	161	5%	12
<b>Physics and Astronomy</b>	32%	84	65%	171	4%	10
<b>Chemistry</b>	49%	99	48%	97	**	**
<b>Cellular and Molecular Biology</b>	57%	317	40%	225	3%	16
<b>Chemical, Biomedical, and Materials Science Engineering</b>	49%	159	50%	163	**	**
<b>Plant and Animal Biology</b>	71%	243	28%	96	**	**
<b>Psychology</b>	71%	168	26%	61	**	**
<b>Electrical Engineering</b>	17%	28	80%	134	**	**
<b>Computing Sciences</b>	25%	80	71%	226	4%	14
<b>Civil and Industrial Engineering</b>	39%	75	59%	113	**	**
<b>Mechanical Engineering</b>	26%	44	72%	120	**	**
<b>Total</b>	48%	1664	49%	1716	3%	95

<sup>8</sup> Mapped to scholarships and fellowships selection committees

<sup>9</sup> Note, application rates are not currently collected by NSERC from the institutions who administer the selection process

\* "Gender-fluid, Non-binary, and/or Two-spirit, and Not Indicated" is an aggregation of the responses "Gender-fluid, non-binary, and/or two-spirit" and "I prefer not to answer."

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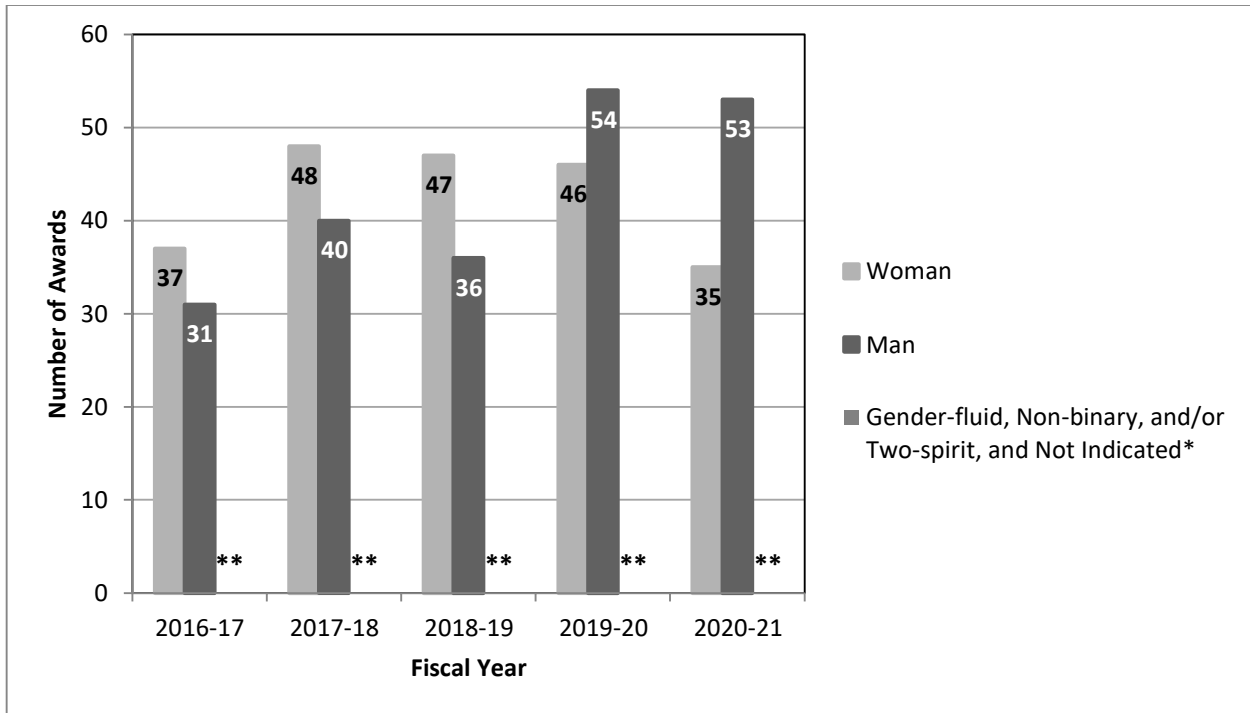


Figure 11: Number of Undergraduate Student Research Award Recipients Who Self-identified as Indigenous by Gender and Fiscal year

Table 6: Number of Undergraduate Student Research (USRA) Awards for Applicant Self-Identification Data, Fiscal Year 2020-21<sup>10</sup>

	USRA	
	No. of Awards	% of Awards
<b>Indigenous</b>	89	3%
<b>Member of a Visible Minority</b>	1027	30%
<b>Person with a Disability</b>	81	2%

<sup>10</sup> Note, application rates are not currently collected by NSERC from the institutions who administer the selection process

\*"Gender-fluid, Non-binary, and/or Two-spirit, and Not Indicated" is an aggregation of the responses "Gender-fluid, non-binary, and/or two-spirit" and "I prefer not to answer."

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