



**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.



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Section 1 – Postdoctoral Fellowship statistics

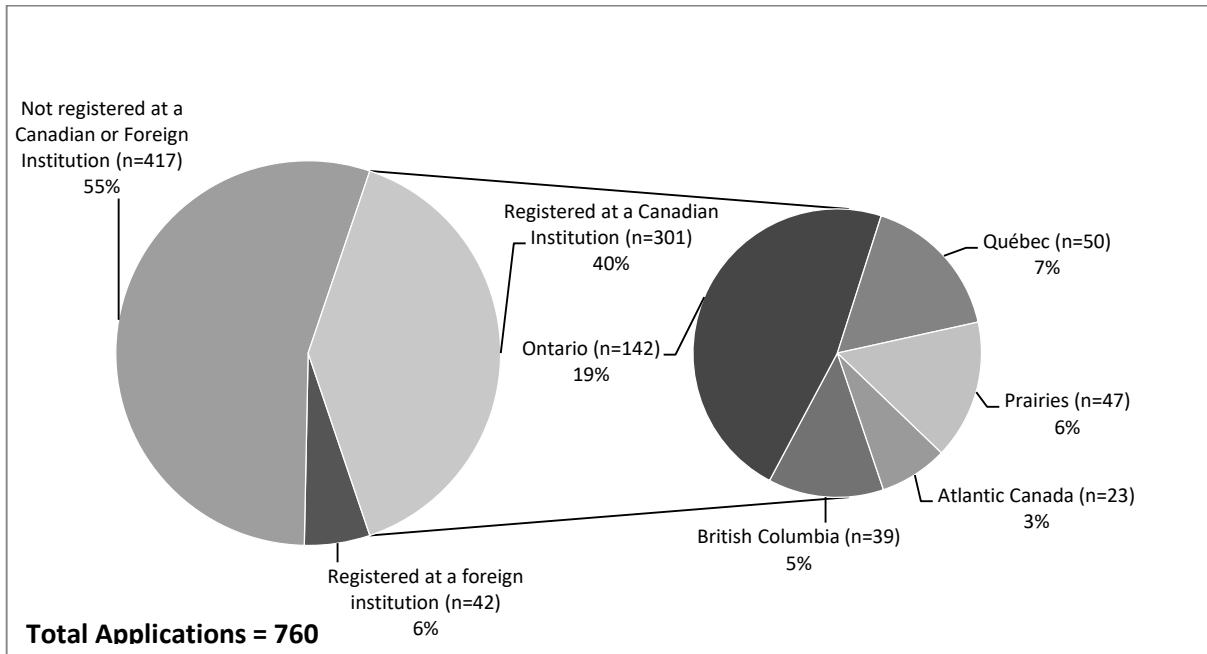


Figure 1: Postdoctoral Fellowships Applications by Region, Competition Year 2021

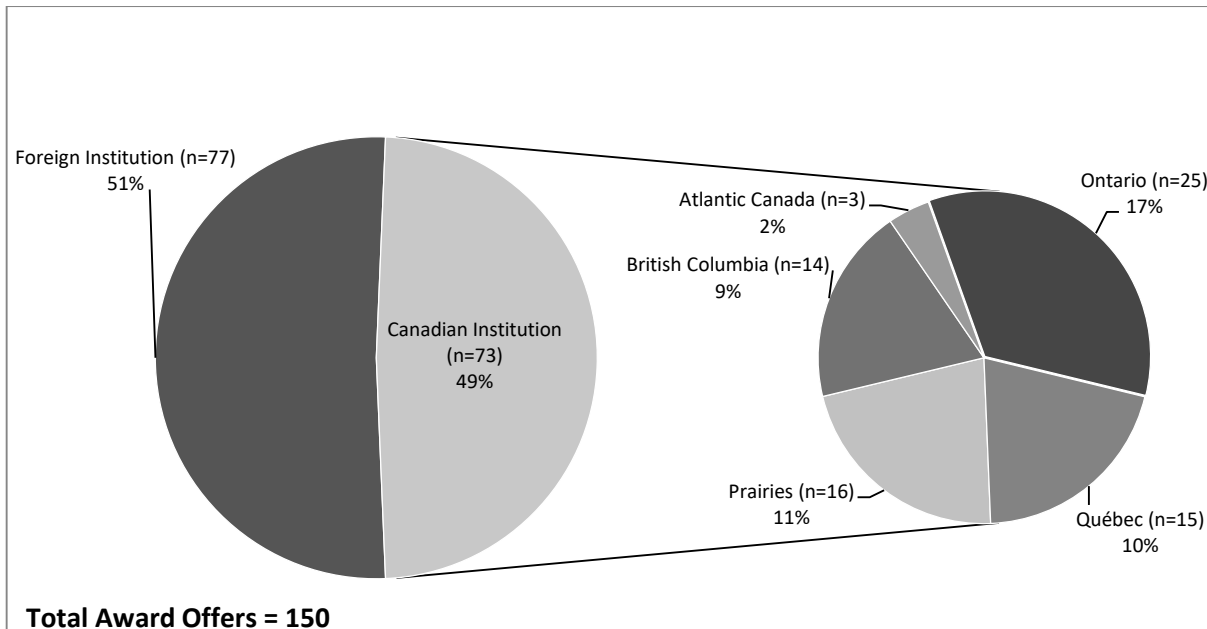


Figure 2: Postdoctoral Fellowship Offers^{1,2} by region, Competition Year 2021

¹ Reflects initial offers only

² 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

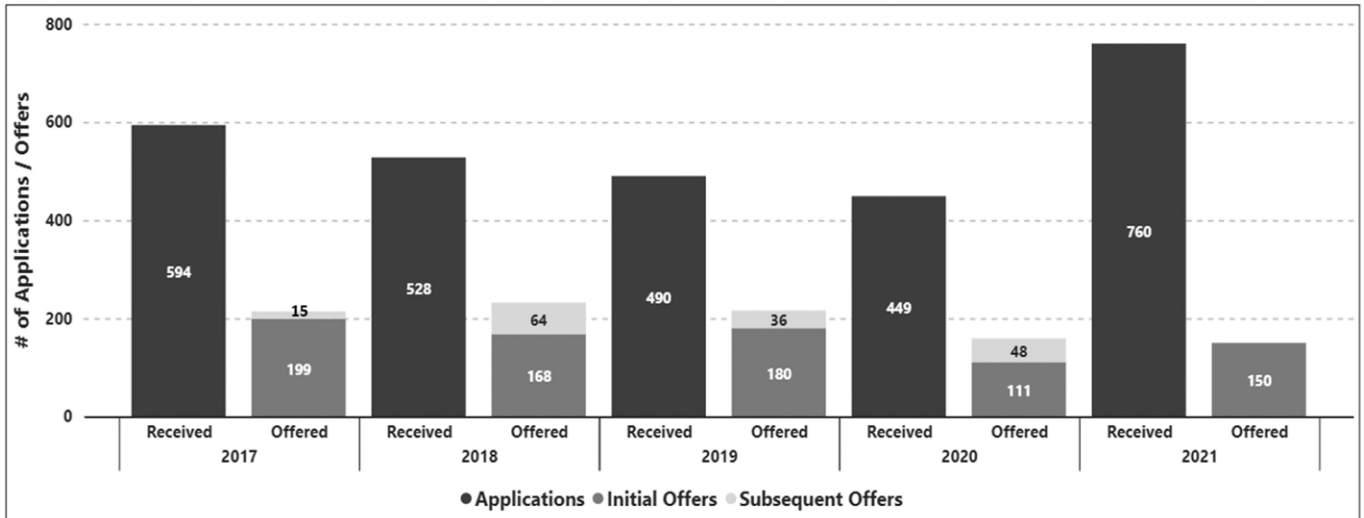


Figure 3: Postdoctoral Fellowship Applications Received, and Awards Offered by Competition Year (2017-2021)

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

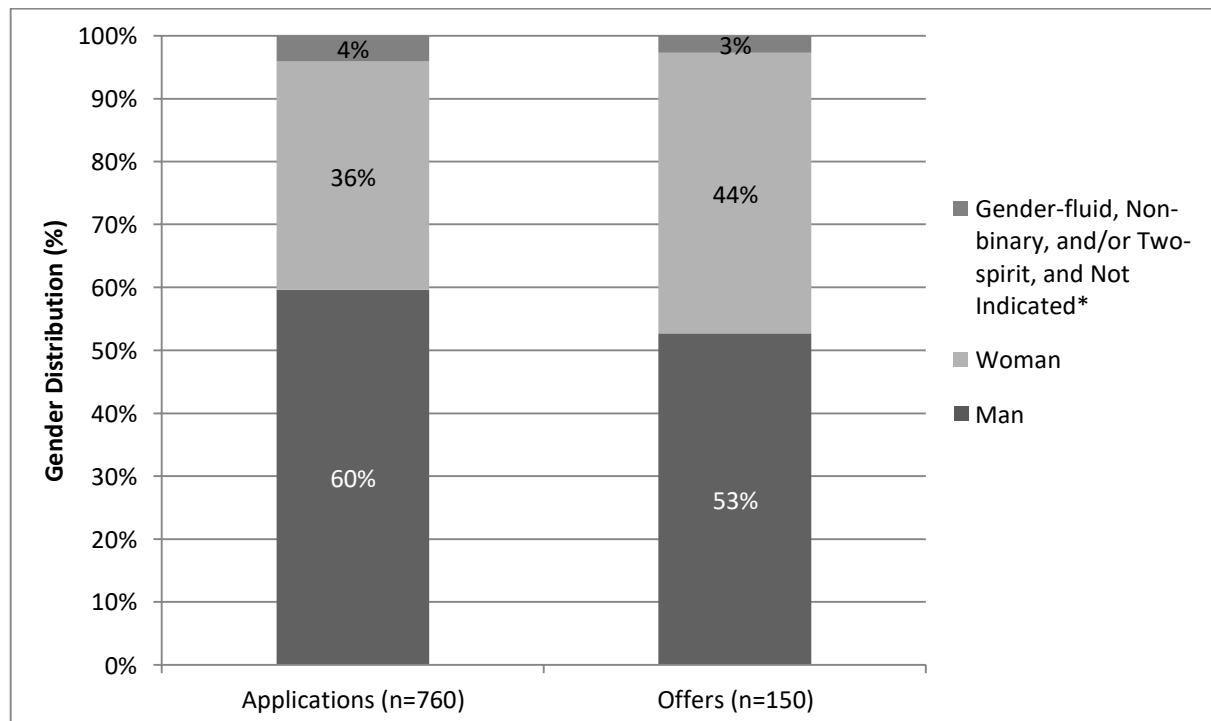


Figure 4: Gender distribution of Postdoctoral Scholarship Applications and Offers, Competition Year 2021

* "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 offers³, and respective rates⁴ 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
Total	36%	276	60%	453	4%	31	20%	150

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	**

³ Reflects initial offers only

⁴ 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

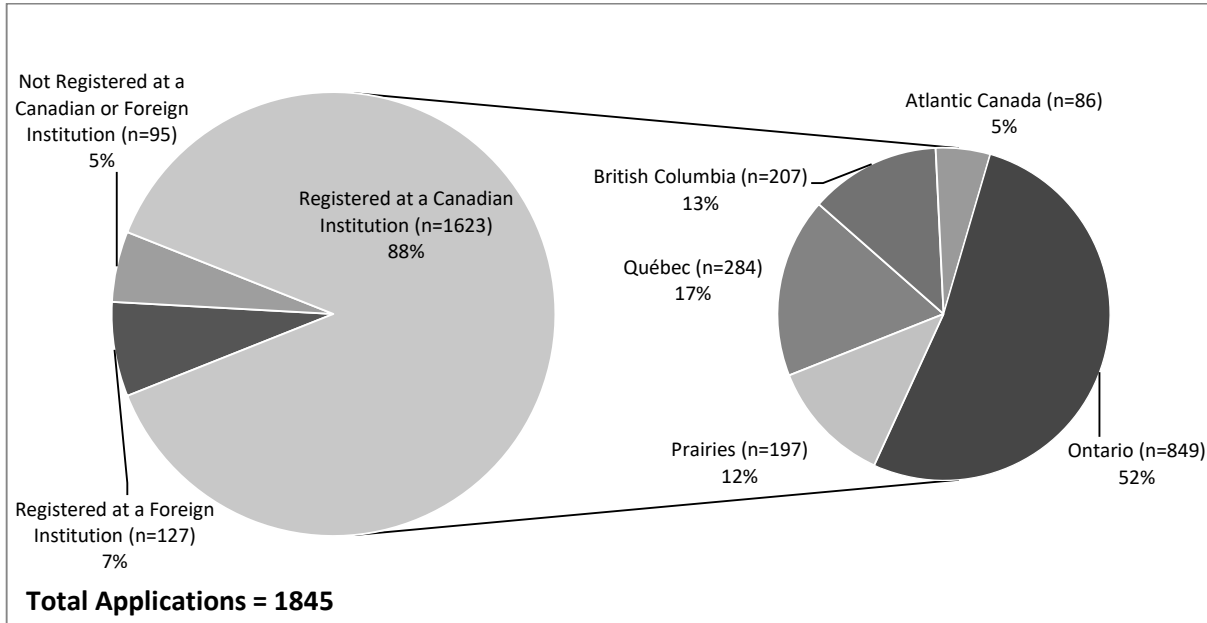


Figure 5: Postgraduate Scholarship (CGS D/PGS D) Applications by Region, Competition Year 2021

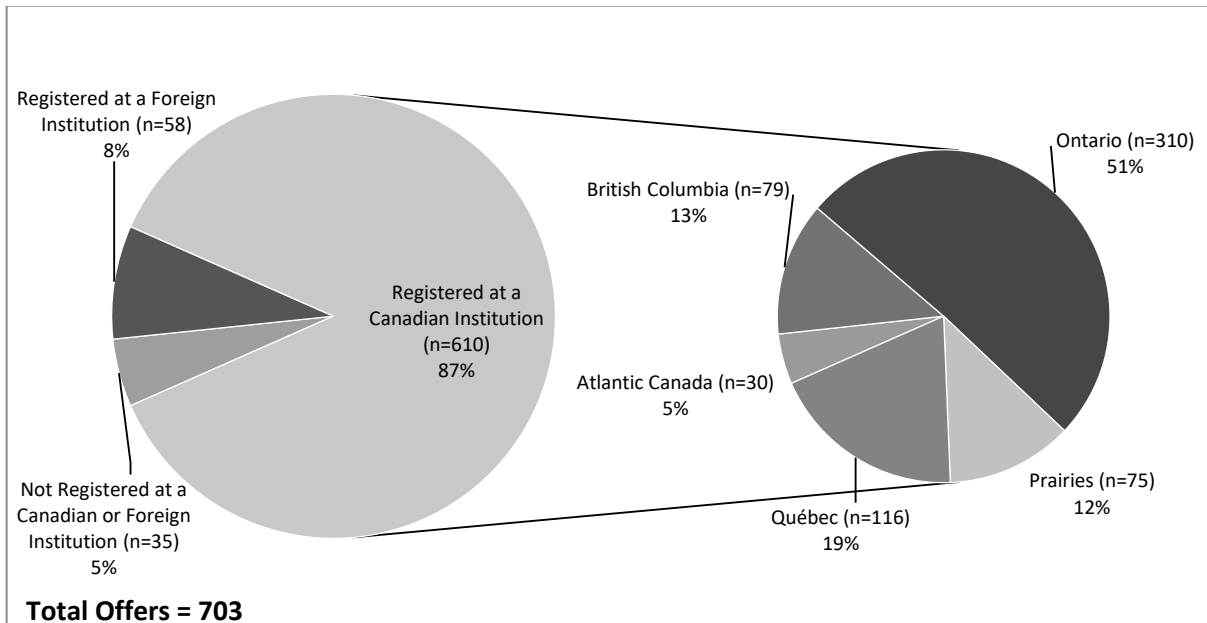


Figure 6: Postgraduate Scholarship (CGS D/PGS D) Offers⁵ by Region, Competition Year 2021

⁵ Reflects initial offers only

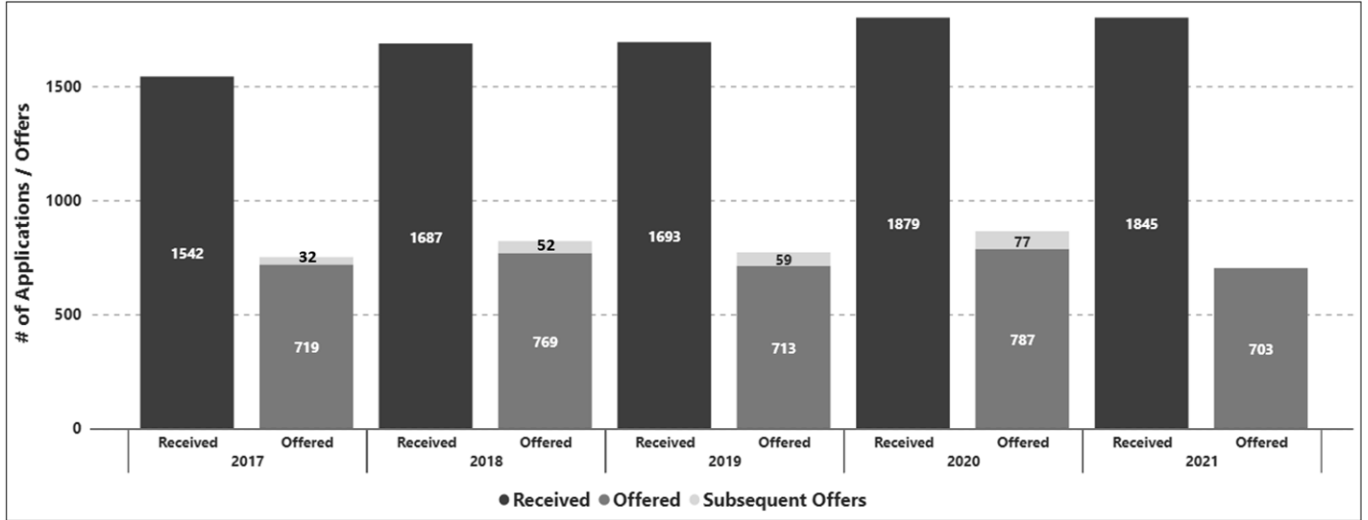


Figure 7: Postgraduate Scholarship (CGS D/PGS D) Applications Received and Awards Offered by Competition year (2017-2021)

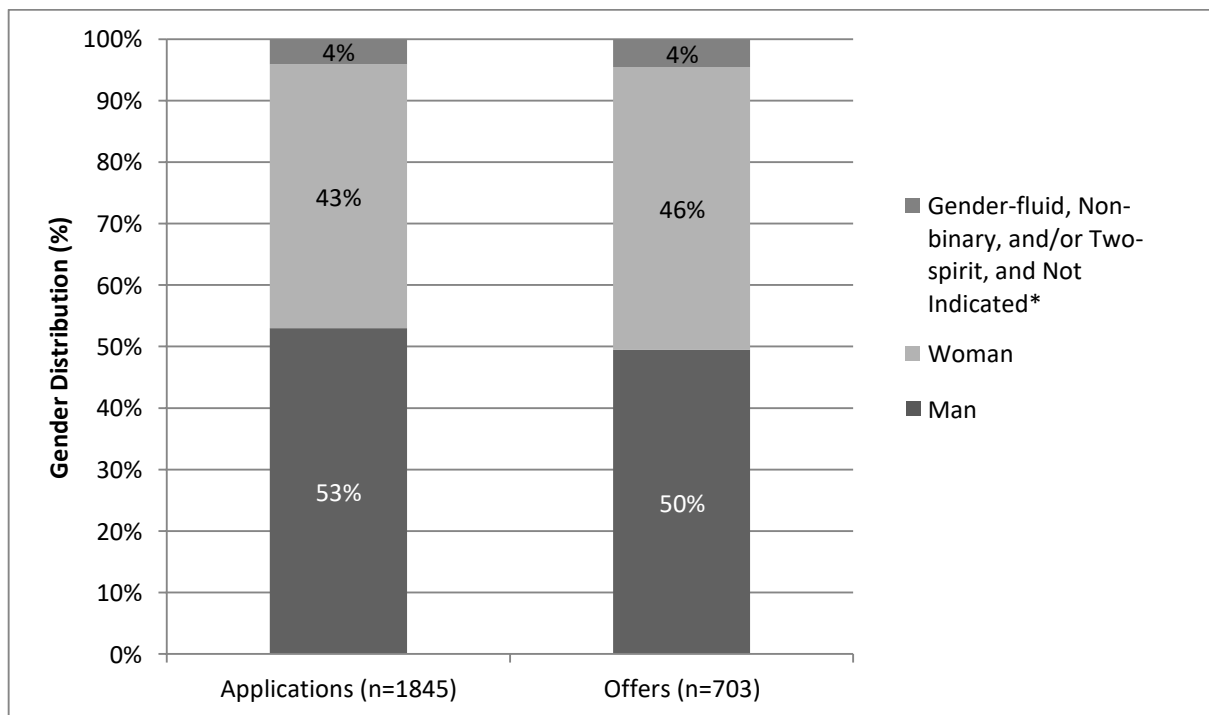


Figure 8: Gender Distribution of Postgraduate Scholarship (CGS D/PGS D) Applications and Offers, Competition Year 2021

* "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, Offers⁶, and Respective Rates⁷ 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.
Geosciences	50%	59	48%	57		**	38%	45
Evolution and Ecology	65%	140	32%	70	**	**	38%	82
Mathematical Sciences	34%	31	60%	55	**	**	38%	35
Physics and Astronomy	24%	40	69%	116	8%	13	38%	64
Chemistry	36%	53	60%	88	**	**	38%	56
Cellular and Molecular Biology	45%	103	51%	117	4%	10	38%	87
Chemical, Biomedical and Materials Science Engineering	39%	58	60%	89	**	**	37%	56
Plant and Animal Biology	56%	81	40%	57	**	**	38%	55
Psychology	66%	109	28%	45	6%	10	38%	62
Electrical Engineering	17%	12	81%	58	**	**	40%	29
Computing Sciences	25%	40	68%	109	7%	11	38%	61
Civil and Industrial Engineering	43%	49	57%	65	**	**	38%	43
Mechanical Engineering	25%	18	72%	51	**	**	39%	28
Total	43%	793	53%	977	4%	75	41%	703

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
Indigenous	37	17
Member of a Visible Minority	535	184
Person with a Disability	67	30

⁶ Reflects initial offers only

⁷ 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

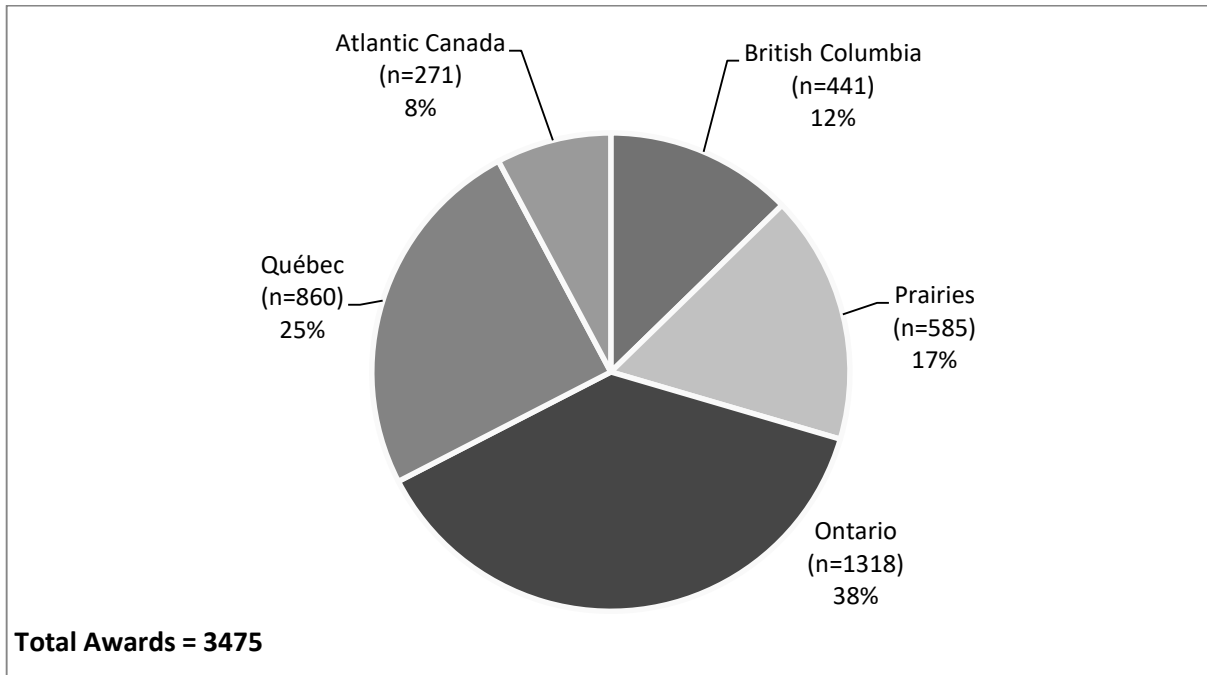


Figure 9: Undergraduate Student Research Award Competition Results by Region, Fiscal Year 2020-21

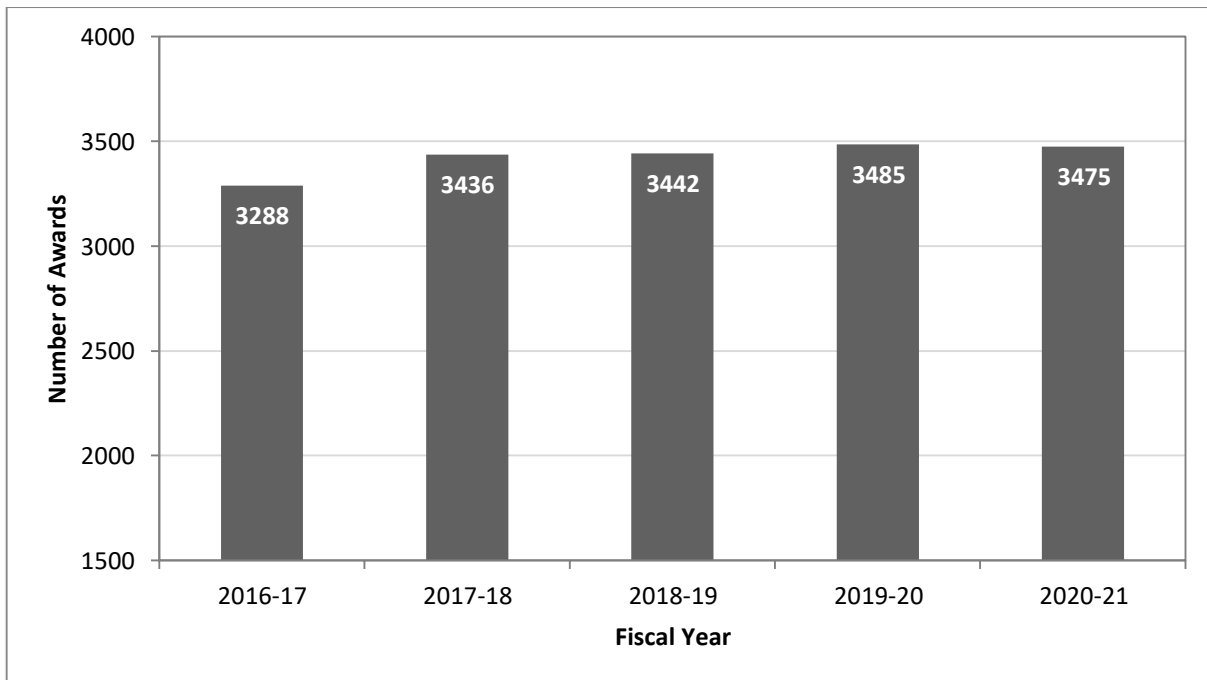


Figure 10: Number of Undergraduate Student Research Awards by Fiscal Year



Table 5: Undergraduate Student Research Award (USRA) Proportion of Awards by Gender and by Research Area⁸, Fiscal Year 2020-21⁹

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

⁸ Mapped to scholarships and fellowships selection committees

⁹ 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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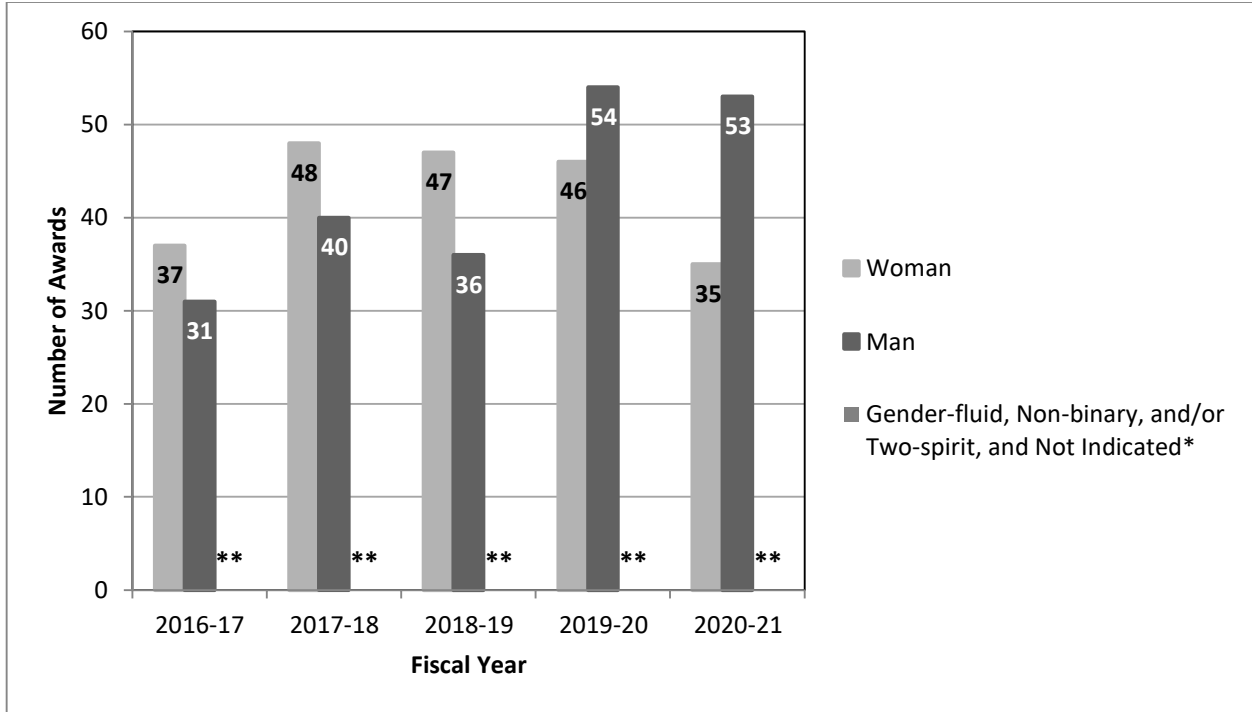


Figure 11: Number of Undergraduate Student Research Award Recipients Who Self-identified as Indigenous by Gender and Fiscal year

Table 6: Number of Undergraduate Student Research (USRA) Awards for Applicant Self-Identification Data, Fiscal Year 2020-21¹⁰

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

¹⁰ 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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