



Analysis of ARL Statistics 2022:

Summary of USask versus U15 Peers

Prepared by Carisa Polischuk,
Assessment Analyst, University Library,
University of Saskatchewan
library_assessment@usask.ca



Disclaimer

Prior to reviewing this report, please see the following quote from an ARL published report¹ as the same principles apply for the tables and graphs presented in this report: *“The tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.”*

Overview

The [University Library Assessment Program](#) at the University of Saskatchewan (USask) provides a wealth of information to help understand client needs and the overall effectiveness of the library; determine trends and benchmark versus our peers; assess progress toward [strategic commitments](#); and demonstrate library value to the University community.

Aligned with the library’s strategic planning process, the University Library's assessment program has three broad purposes (*quality improvement, quality assurance, and accountability*) and consists of four major components (*library data and statistics, library surveys, key performance indicators and benchmarking, and other assessment related activities*).

On an annual basis, the University Library submits data to the Association of Research Libraries (ARL) along with all other ARL member libraries. This includes data on library collections and expenditures; library salary expenditures; overall library expenditures; library personnel; library use, facilities, and services; and doctor’s degrees, faculty, and enrolment. ARL uses this data to publish annual statistics for a number of indicators, percentages and ratios, and the library investment index.

USask is part of a select group of 15 research-intensive universities in Canada known as the [U15 Group of Canadian Research Universities](#). The annual publication of ARL statistics allows the University Library to track progress over time and benchmark with our U15 peer institutions².

This report represents the University Library’s analysis of the 2022³ ARL Statistics summarizing the results for USask versus U15 peers and demonstrates our commitment to move beyond submitting annual library statistics to analyzing and using published results to determine trends and benchmark to our U15 peers.

¹ ARL Statistics 2013-2014, Association of Research Libraries, Washington, DC. Retrieved from <http://publications.arl.org/ARL-Statistics-2013-2014/>

² ARL data available for the following U15 universities: Alberta, British Columbia, Calgary, Laval, Manitoba, McGill, McMaster, Ottawa, Queen’s, Saskatchewan, Toronto, Waterloo, Western. Missing Dalhousie and Montreal (not ARL members).

³ ARL Statistics 2022, Association of Research Libraries, Washington, DC. Retrieved from <https://publications.arl.org/ARL-Statistics-2022/>

ARL Background⁴

The Association of Research Libraries (ARL) is a non-profit organization that includes the largest research libraries in North America. The 2022 ARL statistics publication consists of data on 123 of 126 member libraries in the US and Canada including 118 university libraries and 5 public, governmental, and non-profit research libraries. Although ARL libraries represent a small subset of libraries in North America, they account for a large portion of academic library resources (e.g. assets, budget, and number of users served).

ARL Member Libraries	University Libraries	Public, Governmental, and Non-profit Research Libraries	Total
US	102	5	107
Canada	16	0	16
Total	118	5	123

ARL Indicators⁵

ARL releases annual statistics as part of a series of publications describing the collections, staffing, expenditures, and service activities of its member libraries. Statistics are available for the following indicators for Canadian ARL libraries including U15 research intensive universities except for Dalhousie and Montreal (not ARL members).

Library Collections and Expenditures

Titles held; volumes in library; electronic books; one-time resource purchases; ongoing resource purchases; collection support; total expenditures for library materials

Library Salary Expenditures

Salaries and wages for professional staff, support staff, and student assistants; total salaries and wages; fringe benefits (\$ and designated %)

Overall Library Expenditures

Total expenditures for library materials; total salaries and wages; other operating expenditures; total library expenditures; expenditures from external sources (bibliographic utilities, consortia/networks, etc.)

Library Personnel

Professional staff; support staff; student assistants; total staff

Library Use, Facilities, and Services

Library presentations to groups; participants in group presentations; reference transactions; initial circulations; full-text article requests; regular searches; federated searches; total items loaned/borrowed; annual gate count

Doctor's Degrees, Faculty, and Enrollment

Doctor's degrees awarded; doctor's degree fields; instructional faculty; total students (full-time); total students (part-time); graduate students (full-time); graduate students (part-time)

⁴ List of ARL Members, Association of Research Libraries, Washington, DC. Retrieved from <https://www.arl.org/list-of-arl-members/>

⁵ Results not shown for the following four ARL indicators due to lack of USask and/or U15 peer data and/or consistency issues with data collected: fringe benefits (designated %); expenditures from external sources (bibliographic utilities, consortia/networks, etc.); regular searches; federated searches

ARL Percentages and Ratios

Using data from the indicators listed on the previous page, ARL calculates and publishes the following percentages and ratios to help provide a picture of ARL university libraries.

- Professional Staff as a percent of Total Staff
- Support Staff as a percent of Total Staff
- Student Assistant Staff as a percent of Total Staff
- Ratio of Professional to Support Staff (excluding Student Assistant Staff)
- Ratio of Items Loaned to Items Borrowed
- Total Library Materials Expenditures as a percent of Total Library Expenditures
- Salary and Wages Expenditures as a percent of Total Library Expenditures
- Other Operating Expenditures as a percent of Total Library Expenditures
- Library Expenditures per Faculty
- Library Expenditures per Full-Time Student
- Library Expenditures per Full-Time Graduate Student
- Library Expenditures per Full-Time User
- Library Expenditures per User
- Library Expenditures per PhD Awarded
- Library Staff per PhD Awarded
- Professional Library Staff per PhD Awarded

ARL Library Investment Index

ARL also releases a ranking based on the Library Investment Index which is calculated based on the following four variables:

- 1) Total Library Expenditures
- 2) Total Library Materials Expenditures
- 3) Salaries & Wages Professional Staff
- 4) Professional + Support Staff (FTE)

Results: ARL Indicators

The following table summarizes the 2022 University of Saskatchewan (USask) ARL results compared to 2021 (including % change) and to the U15 average (2022). The overall USask ranking among U15 peers is also shown for each indicator. The graphs in Appendix A illustrate USask results compared to the U15 average for each ARL indicator from 2018 to 2022. The graphs in Appendix B show USask results/ranking among U15 peers for 2021 and 2022 for each ARL indicator.

USask Results: Association of Research Libraries (ARL) 2022 Statistics						
ARL Indicators	USask		Change		U15	Ranking
	2021	2022	↑↓	%	2022	vs. U15*
Library Collections and Expenditures (USD)						
Titles Held	2,856,222	2,840,991	↓	-0.5	5,610,596	12th (13)
Volumes in Library	3,394,247	3,202,351	↓	-5.7	6,409,373	13th (13)
Electronic Books	1,149,857	1,105,768	↓	-3.8	2,508,886	12th (13)
One-time Resource Purchases	\$1,116,438	\$1,501,974	↑	34.5	3,921,941	11th (13)
Ongoing Resource Purchases	\$8,725,847	\$8,957,036	↑	2.6	10,342,044	8th (13)
Collection Support ¹	\$369,047	\$360,699	↓	-2.3	374,456	5th (12)
Total Library Materials	\$10,211,332	\$10,819,709	↑	6.0	14,609,637	8th (13)
Library Salary Expenditures (USD)						
Salaries & Wages Professional Staff	\$4,775,098	\$4,956,524	↑	3.8	6,787,496	7th (13)
Salaries & Wages Support Staff	\$2,378,611	\$2,255,847	↓	-5.2	4,262,720	13th (13)
Salaries & Wages Student Assistants	\$161,639	\$222,016	↑	37.4	504,254	9th (13)
Total Salaries & Wages	\$7,315,348	\$7,434,387	↑	1.6	11,554,471	10th (13)
Fringe Benefits ²	\$1,249,728	\$1,299,736	↑	4.0	2,605,139	12th (12)
Overall Library Expenditures (USD)						
Total Library Materials	\$10,211,332	\$10,819,709	↑	6.0	14,609,637	8th (13)
Total Salaries & Wages	\$7,315,348	\$7,434,387	↑	1.6	11,554,471	10th (13)
Other Operating Expenditures	\$673,205	\$932,633	↑	38.5	3,470,856	10th (13)
Total Library Expenditures	\$18,199,885	\$19,186,730	↑	5.4	29,634,964	12th (13)
Library Personnel						
Professional Staff (FTE)	50	51	↑	2.0	87	11th (13)
Support Staff (FTE)	62	56	↓	-9.7	91	13th (13)
Student Assistants (FTE)	3	6	↑	100	25	12th (13)
Total Staff (FTE)	115	113	↓	-1.7	203	13th (13)
Library Use, Facilities, and Services						
Library Presentations to Groups	13	1,055	↑	8,015	741	3rd (13)
Participants in Group Presentations	24	26,644	↑	110,917	19,613	3rd (13)
Reference Transactions	10,741	12,126	↑	12.9	19,380	8th (13)
Initial Circulations	6,662	24,800	↑	272	53,961	9th (13)
Full-Text Article Requests ³	1,627,305	1,387,091	↓	-14.8	5,049,670	11th (11)
Annual Gate Count ⁴	8,121	735,023	↑	8,951	635,853	3rd (9)
Total Items Loaned to Other Libraries	3,173	2,793	↓	-12.0	8,776	12th (13)
Total Items Borrowed from Other Libraries	4,553	5,701	↑	25.2	7,019	10th (13)
Doctor's Degrees, Faculty, and Enrollment						
Doctor's Degrees Awarded	460	478	↑	3.9	453	5th (13)
Doctor's Degree Fields ⁵	48	48		0.0	67	10th (12)
Total Full-time Students	20,626	20,302	↓	-1.6	37,701	13th (13)
Total Part-time Students	2,284	2,191	↓	-4.1	6,582	13th (13)
Graduate Full-time Students	3,001	3,117	↑	3.9	7,553	13th (13)
Graduate Part-Time Students	489	485	↓	-0.8	1,447	12th (13)
Full-time Instructional Faculty	976	962	↓	-1.4	1,711	12th (13)

*Number in brackets = Total U15 institutions with ARL data available. Missing Dalhousie and Montreal (not ARL members).

¹Missing Ottawa from U15 average

²Missing Ottawa from U15 average

³Missing Alberta and British Columbia from U15 average

⁴Missing Queen's, Toronto, Waterloo, and Western from U15 average

⁵Missing Alberta from U15 average

Results: ARL Percentages and Ratios (2022 tables)

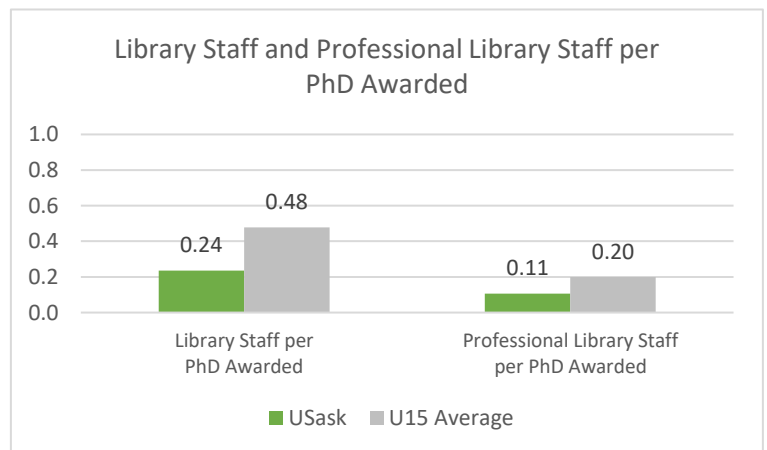
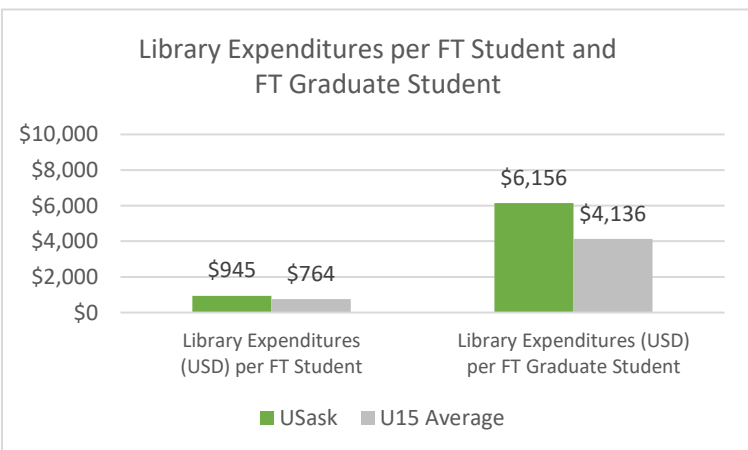
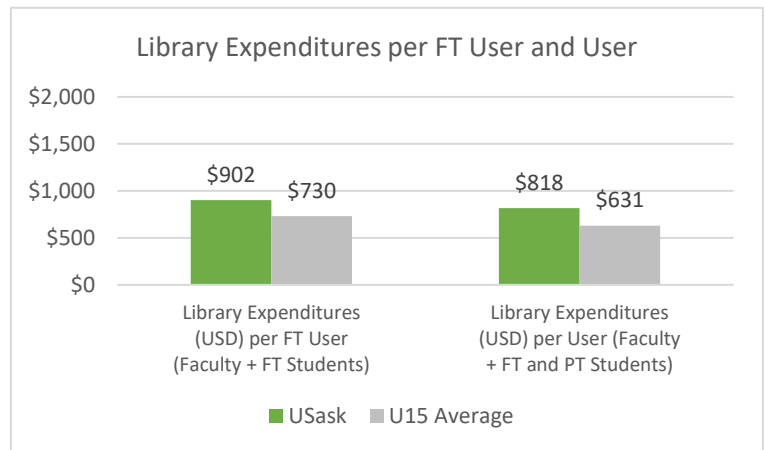
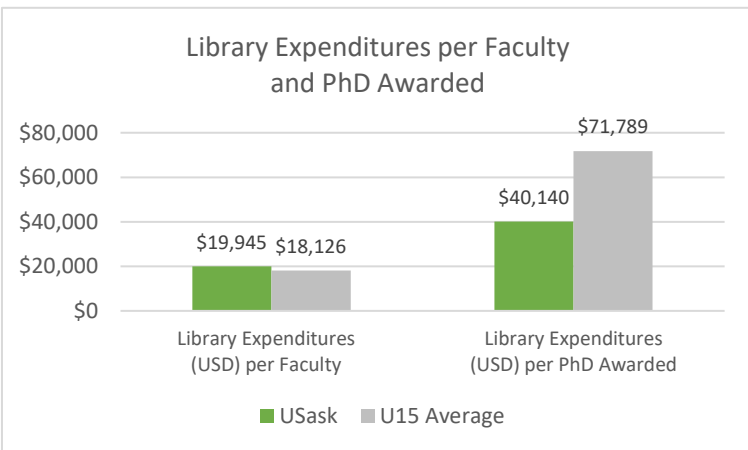
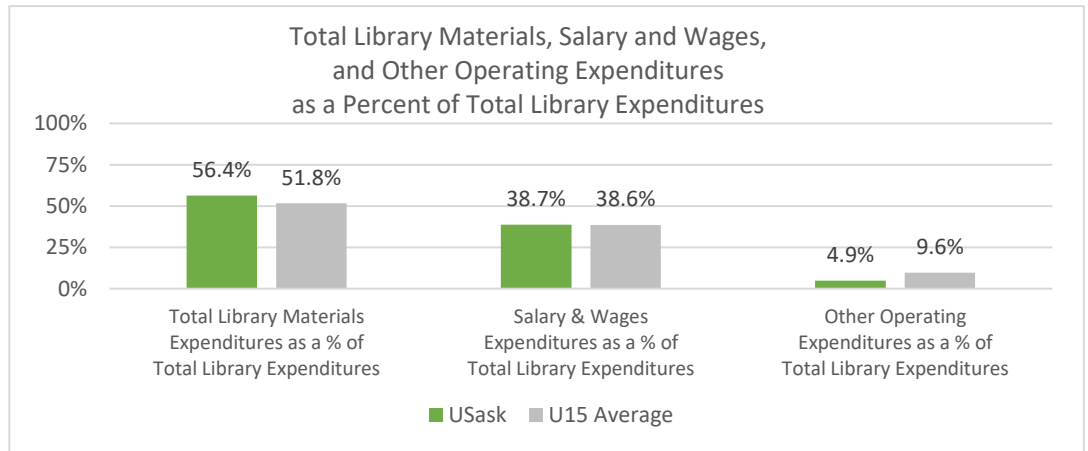
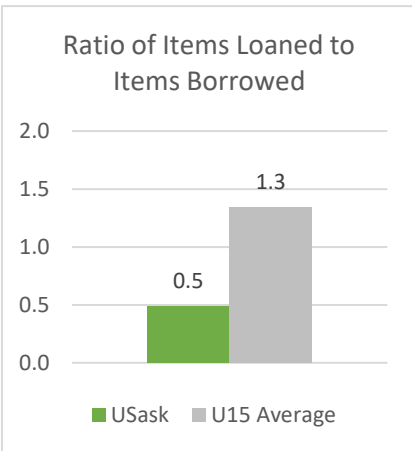
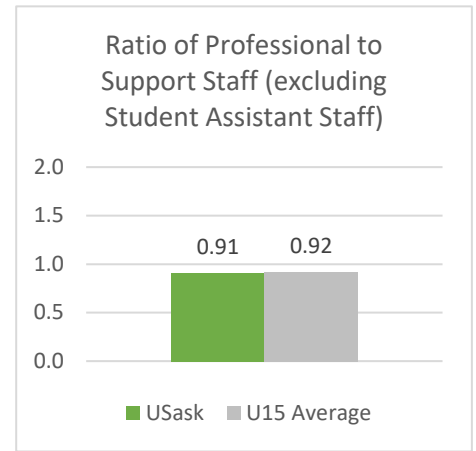
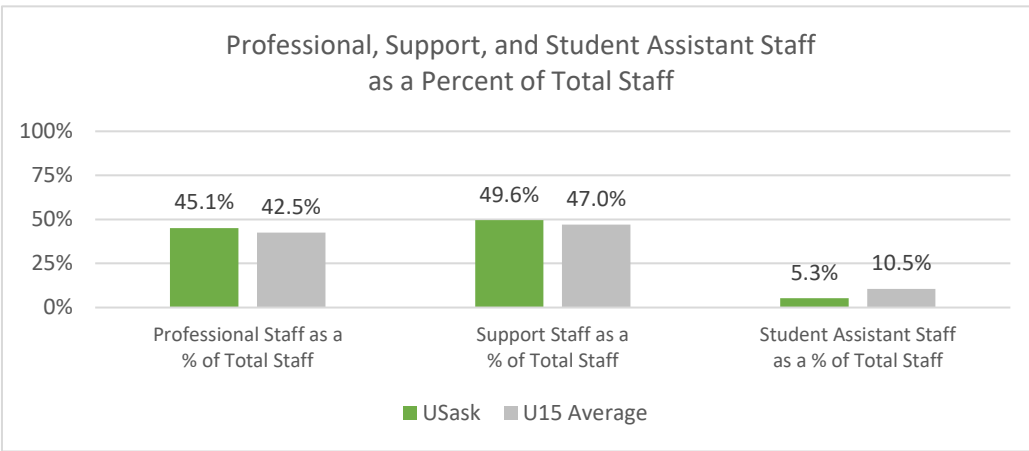
The following two tables summarize 2022 ARL percentages and ratios for USask compared to the U15 average.

ARL Percentages and Ratios (2022)	ARL Indicators	USask	U15 Average	USask Ratio	U15 Ratio	USask % Difference	At USask...	Compared to the U15 average, at USask...																																																																																						
Professional Staff as a % of Total Staff	Professional Staff	51	87	45.1%	42.5%	-41.3	Professional staff make up 45.1% of total staff	Professional staff make up a greater proportion of total staff (41.3% less professional staff; 44.3% less total staff)																																																																																						
	Total Staff	113	203			-44.3			Support Staff as a % of Total Staff	Support Staff	56	91	49.6%	47.0%	-38.1	Support staff make up 49.6% of total staff	Support staff make up a greater proportion of total staff (38.1% less support staff; 44.3% less total staff)	Total Staff	113	203	-44.3	Student Assistant Staff as a % of Total Staff	Student Assistants	6	25	5.3%	10.5%	-76.4	Student assistants make up 5.3% of total staff	Student assistant staff make up a smaller proportion of total staff (76.4% less student assistant staff; 44.3% less total staff)	Total Staff	113	203	-44.3	Ratio of Professional to Support Staff (excluding Student Assistant Staff)	Professional Staff	51	87	0.91	0.92	-41.3	There are 0.91 professional staff for every support staff	There are slightly less professional staff for every support staff (41.3% less professional staff; 38.1% less support staff)	Support Staff	56	91	-38.1	Ratio of Items Loaned to Items Borrowed	Items Loaned to Other Libraries	2,793	8,776	0.49	1.34	-68.2	There are 0.49 items loaned for every item borrowed	There are less items loaned for every item borrowed (68.2% less items loaned; 18.8% less items borrowed)	Items Borrowed from Other Libraries	5,701	7,019	-18.8	Total Library Materials Expenditures as a % of Total Library Expenditures	Total Library Materials (USD)	\$10,819,709	\$14,609,637	56.4%	51.8%	-25.9	Library materials expenditures make up 56.4% of total	Library materials expenditures make up a greater proportion of total (25.9% less materials expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Salary and Wages Expenditures as a % of Total Library Expenditures	Salary and Wages (USD)	\$7,434,387	\$11,554,471	38.7%	38.6%	-35.7	Salary and wages expenditures make up 38.7% of total	Salary and wages expenditures make up an almost equal proportion of total (35.7% less salaries and wages expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Other Operating Expenditures as a % of Total Library Expenditures	Other Operating Expenditures (USD)	\$932,633	\$3,470,856	4.9%	9.6%	-73.1	Other operating expenditures make up 4.9% of total
Support Staff as a % of Total Staff	Support Staff	56	91	49.6%	47.0%	-38.1	Support staff make up 49.6% of total staff	Support staff make up a greater proportion of total staff (38.1% less support staff; 44.3% less total staff)																																																																																						
	Total Staff	113	203			-44.3			Student Assistant Staff as a % of Total Staff	Student Assistants	6	25	5.3%	10.5%	-76.4	Student assistants make up 5.3% of total staff	Student assistant staff make up a smaller proportion of total staff (76.4% less student assistant staff; 44.3% less total staff)	Total Staff	113	203	-44.3	Ratio of Professional to Support Staff (excluding Student Assistant Staff)	Professional Staff	51	87	0.91	0.92	-41.3	There are 0.91 professional staff for every support staff	There are slightly less professional staff for every support staff (41.3% less professional staff; 38.1% less support staff)	Support Staff	56	91	-38.1	Ratio of Items Loaned to Items Borrowed	Items Loaned to Other Libraries	2,793	8,776	0.49	1.34	-68.2	There are 0.49 items loaned for every item borrowed	There are less items loaned for every item borrowed (68.2% less items loaned; 18.8% less items borrowed)	Items Borrowed from Other Libraries	5,701	7,019	-18.8	Total Library Materials Expenditures as a % of Total Library Expenditures	Total Library Materials (USD)	\$10,819,709	\$14,609,637	56.4%	51.8%	-25.9	Library materials expenditures make up 56.4% of total	Library materials expenditures make up a greater proportion of total (25.9% less materials expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Salary and Wages Expenditures as a % of Total Library Expenditures	Salary and Wages (USD)	\$7,434,387	\$11,554,471	38.7%	38.6%	-35.7	Salary and wages expenditures make up 38.7% of total	Salary and wages expenditures make up an almost equal proportion of total (35.7% less salaries and wages expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Other Operating Expenditures as a % of Total Library Expenditures	Other Operating Expenditures (USD)	\$932,633	\$3,470,856	4.9%	9.6%	-73.1	Other operating expenditures make up 4.9% of total	Other operating expenditures make up a smaller proportion of total (73.1% less other operating expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3								
Student Assistant Staff as a % of Total Staff	Student Assistants	6	25	5.3%	10.5%	-76.4	Student assistants make up 5.3% of total staff	Student assistant staff make up a smaller proportion of total staff (76.4% less student assistant staff; 44.3% less total staff)																																																																																						
	Total Staff	113	203			-44.3			Ratio of Professional to Support Staff (excluding Student Assistant Staff)	Professional Staff	51	87	0.91	0.92	-41.3	There are 0.91 professional staff for every support staff	There are slightly less professional staff for every support staff (41.3% less professional staff; 38.1% less support staff)	Support Staff	56	91	-38.1	Ratio of Items Loaned to Items Borrowed	Items Loaned to Other Libraries	2,793	8,776	0.49	1.34	-68.2	There are 0.49 items loaned for every item borrowed	There are less items loaned for every item borrowed (68.2% less items loaned; 18.8% less items borrowed)	Items Borrowed from Other Libraries	5,701	7,019	-18.8	Total Library Materials Expenditures as a % of Total Library Expenditures	Total Library Materials (USD)	\$10,819,709	\$14,609,637	56.4%	51.8%	-25.9	Library materials expenditures make up 56.4% of total	Library materials expenditures make up a greater proportion of total (25.9% less materials expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Salary and Wages Expenditures as a % of Total Library Expenditures	Salary and Wages (USD)	\$7,434,387	\$11,554,471	38.7%	38.6%	-35.7	Salary and wages expenditures make up 38.7% of total	Salary and wages expenditures make up an almost equal proportion of total (35.7% less salaries and wages expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Other Operating Expenditures as a % of Total Library Expenditures	Other Operating Expenditures (USD)	\$932,633	\$3,470,856	4.9%	9.6%	-73.1	Other operating expenditures make up 4.9% of total	Other operating expenditures make up a smaller proportion of total (73.1% less other operating expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3																					
Ratio of Professional to Support Staff (excluding Student Assistant Staff)	Professional Staff	51	87	0.91	0.92	-41.3	There are 0.91 professional staff for every support staff	There are slightly less professional staff for every support staff (41.3% less professional staff; 38.1% less support staff)																																																																																						
	Support Staff	56	91			-38.1			Ratio of Items Loaned to Items Borrowed	Items Loaned to Other Libraries	2,793	8,776	0.49	1.34	-68.2	There are 0.49 items loaned for every item borrowed	There are less items loaned for every item borrowed (68.2% less items loaned; 18.8% less items borrowed)	Items Borrowed from Other Libraries	5,701	7,019	-18.8	Total Library Materials Expenditures as a % of Total Library Expenditures	Total Library Materials (USD)	\$10,819,709	\$14,609,637	56.4%	51.8%	-25.9	Library materials expenditures make up 56.4% of total	Library materials expenditures make up a greater proportion of total (25.9% less materials expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Salary and Wages Expenditures as a % of Total Library Expenditures	Salary and Wages (USD)	\$7,434,387	\$11,554,471	38.7%	38.6%	-35.7	Salary and wages expenditures make up 38.7% of total	Salary and wages expenditures make up an almost equal proportion of total (35.7% less salaries and wages expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Other Operating Expenditures as a % of Total Library Expenditures	Other Operating Expenditures (USD)	\$932,633	\$3,470,856	4.9%	9.6%	-73.1	Other operating expenditures make up 4.9% of total	Other operating expenditures make up a smaller proportion of total (73.1% less other operating expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3																																		
Ratio of Items Loaned to Items Borrowed	Items Loaned to Other Libraries	2,793	8,776	0.49	1.34	-68.2	There are 0.49 items loaned for every item borrowed	There are less items loaned for every item borrowed (68.2% less items loaned; 18.8% less items borrowed)																																																																																						
	Items Borrowed from Other Libraries	5,701	7,019			-18.8			Total Library Materials Expenditures as a % of Total Library Expenditures	Total Library Materials (USD)	\$10,819,709	\$14,609,637	56.4%	51.8%	-25.9	Library materials expenditures make up 56.4% of total	Library materials expenditures make up a greater proportion of total (25.9% less materials expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Salary and Wages Expenditures as a % of Total Library Expenditures	Salary and Wages (USD)	\$7,434,387	\$11,554,471	38.7%	38.6%	-35.7	Salary and wages expenditures make up 38.7% of total	Salary and wages expenditures make up an almost equal proportion of total (35.7% less salaries and wages expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Other Operating Expenditures as a % of Total Library Expenditures	Other Operating Expenditures (USD)	\$932,633	\$3,470,856	4.9%	9.6%	-73.1	Other operating expenditures make up 4.9% of total	Other operating expenditures make up a smaller proportion of total (73.1% less other operating expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3																																															
Total Library Materials Expenditures as a % of Total Library Expenditures	Total Library Materials (USD)	\$10,819,709	\$14,609,637	56.4%	51.8%	-25.9	Library materials expenditures make up 56.4% of total	Library materials expenditures make up a greater proportion of total (25.9% less materials expenditures; 35.3% less total expenditures)																																																																																						
	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964			-35.3			Salary and Wages Expenditures as a % of Total Library Expenditures	Salary and Wages (USD)	\$7,434,387	\$11,554,471	38.7%	38.6%	-35.7	Salary and wages expenditures make up 38.7% of total	Salary and wages expenditures make up an almost equal proportion of total (35.7% less salaries and wages expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3	Other Operating Expenditures as a % of Total Library Expenditures	Other Operating Expenditures (USD)	\$932,633	\$3,470,856	4.9%	9.6%	-73.1	Other operating expenditures make up 4.9% of total	Other operating expenditures make up a smaller proportion of total (73.1% less other operating expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3																																																												
Salary and Wages Expenditures as a % of Total Library Expenditures	Salary and Wages (USD)	\$7,434,387	\$11,554,471	38.7%	38.6%	-35.7	Salary and wages expenditures make up 38.7% of total	Salary and wages expenditures make up an almost equal proportion of total (35.7% less salaries and wages expenditures; 35.3% less total expenditures)																																																																																						
	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964			-35.3			Other Operating Expenditures as a % of Total Library Expenditures	Other Operating Expenditures (USD)	\$932,633	\$3,470,856	4.9%	9.6%	-73.1	Other operating expenditures make up 4.9% of total	Other operating expenditures make up a smaller proportion of total (73.1% less other operating expenditures; 35.3% less total expenditures)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	-35.3																																																																									
Other Operating Expenditures as a % of Total Library Expenditures	Other Operating Expenditures (USD)	\$932,633	\$3,470,856	4.9%	9.6%	-73.1	Other operating expenditures make up 4.9% of total	Other operating expenditures make up a smaller proportion of total (73.1% less other operating expenditures; 35.3% less total expenditures)																																																																																						
	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964			-35.3																																																																																								

ARL Percentages and Ratios (2022)	ARL Indicators	USask	U15 Average	USask Ratio	U15 Ratio	USask % Difference	At USask...	Compared to the U15 average, at USask...																																																																																						
Library Expenditures per Faculty	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$19,945	\$18,126	-35.3	\$19,945 is spent for every faculty member	We spend more per faculty (35.3% less library expenditures; 43.8% less faculty)																																																																																						
	Faculty	962	1,711			-43.8			Library Expenditures per FT Student	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$945	\$764	-35.3	\$945 is spent for every FT student	We spend more per FT student (35.3% less library expenditures; 46.1% less FT students)	FT Student	20,302	37,701	-46.1	Library Expenditures per FT Graduate Student	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$6,156	\$4,136	-35.3	\$6,156 is spent for every FT graduate student	We spend more per FT graduate student (35.3% less library expenditures, 58.7% less FT graduate students)	FT Graduate Student	3,117	7,553	-58.7	Library Expenditures per FT User (Faculty + FT Students)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$902	\$730	-35.3	\$902 is spent for every FT user	We spend more per FT user (35.3% less library expenditures; 46.0% less FT users)	FT User	21,264	39,412	-46.0	Library Expenditures per User (Faculty + FT and PT Students)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$818	\$631	-35.3	\$818 is spent for every user	We spend more per user (35.3% less library expenditures; 49.0% less users)	User	23,455	45,994	-49.0	Library Expenditures per PhD Awarded	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$40,140	\$71,789	-35.3	\$40,140 is spent for every PhD awarded	We spend less per PhD awarded (35.3% less library expenditures; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Library Staff per PhD Awarded	Total Staff	113	203	0.24	0.48	-44.3	There are 0.24 library staff for every PhD awarded	There are less library staff for every PhD awarded (44.3% less library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Professional Library Staff per PhD Awarded	Professional Staff	51	87	0.11	0.20	-41.3	There are 0.11 professional library staff for every PhD awarded
Library Expenditures per FT Student	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$945	\$764	-35.3	\$945 is spent for every FT student	We spend more per FT student (35.3% less library expenditures; 46.1% less FT students)																																																																																						
	FT Student	20,302	37,701			-46.1			Library Expenditures per FT Graduate Student	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$6,156	\$4,136	-35.3	\$6,156 is spent for every FT graduate student	We spend more per FT graduate student (35.3% less library expenditures, 58.7% less FT graduate students)	FT Graduate Student	3,117	7,553	-58.7	Library Expenditures per FT User (Faculty + FT Students)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$902	\$730	-35.3	\$902 is spent for every FT user	We spend more per FT user (35.3% less library expenditures; 46.0% less FT users)	FT User	21,264	39,412	-46.0	Library Expenditures per User (Faculty + FT and PT Students)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$818	\$631	-35.3	\$818 is spent for every user	We spend more per user (35.3% less library expenditures; 49.0% less users)	User	23,455	45,994	-49.0	Library Expenditures per PhD Awarded	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$40,140	\$71,789	-35.3	\$40,140 is spent for every PhD awarded	We spend less per PhD awarded (35.3% less library expenditures; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Library Staff per PhD Awarded	Total Staff	113	203	0.24	0.48	-44.3	There are 0.24 library staff for every PhD awarded	There are less library staff for every PhD awarded (44.3% less library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Professional Library Staff per PhD Awarded	Professional Staff	51	87	0.11	0.20	-41.3	There are 0.11 professional library staff for every PhD awarded	There are less professional library staff for every PhD awarded (41.3% less professional library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5								
Library Expenditures per FT Graduate Student	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$6,156	\$4,136	-35.3	\$6,156 is spent for every FT graduate student	We spend more per FT graduate student (35.3% less library expenditures, 58.7% less FT graduate students)																																																																																						
	FT Graduate Student	3,117	7,553			-58.7			Library Expenditures per FT User (Faculty + FT Students)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$902	\$730	-35.3	\$902 is spent for every FT user	We spend more per FT user (35.3% less library expenditures; 46.0% less FT users)	FT User	21,264	39,412	-46.0	Library Expenditures per User (Faculty + FT and PT Students)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$818	\$631	-35.3	\$818 is spent for every user	We spend more per user (35.3% less library expenditures; 49.0% less users)	User	23,455	45,994	-49.0	Library Expenditures per PhD Awarded	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$40,140	\$71,789	-35.3	\$40,140 is spent for every PhD awarded	We spend less per PhD awarded (35.3% less library expenditures; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Library Staff per PhD Awarded	Total Staff	113	203	0.24	0.48	-44.3	There are 0.24 library staff for every PhD awarded	There are less library staff for every PhD awarded (44.3% less library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Professional Library Staff per PhD Awarded	Professional Staff	51	87	0.11	0.20	-41.3	There are 0.11 professional library staff for every PhD awarded	There are less professional library staff for every PhD awarded (41.3% less professional library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5																					
Library Expenditures per FT User (Faculty + FT Students)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$902	\$730	-35.3	\$902 is spent for every FT user	We spend more per FT user (35.3% less library expenditures; 46.0% less FT users)																																																																																						
	FT User	21,264	39,412			-46.0			Library Expenditures per User (Faculty + FT and PT Students)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$818	\$631	-35.3	\$818 is spent for every user	We spend more per user (35.3% less library expenditures; 49.0% less users)	User	23,455	45,994	-49.0	Library Expenditures per PhD Awarded	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$40,140	\$71,789	-35.3	\$40,140 is spent for every PhD awarded	We spend less per PhD awarded (35.3% less library expenditures; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Library Staff per PhD Awarded	Total Staff	113	203	0.24	0.48	-44.3	There are 0.24 library staff for every PhD awarded	There are less library staff for every PhD awarded (44.3% less library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Professional Library Staff per PhD Awarded	Professional Staff	51	87	0.11	0.20	-41.3	There are 0.11 professional library staff for every PhD awarded	There are less professional library staff for every PhD awarded (41.3% less professional library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5																																		
Library Expenditures per User (Faculty + FT and PT Students)	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$818	\$631	-35.3	\$818 is spent for every user	We spend more per user (35.3% less library expenditures; 49.0% less users)																																																																																						
	User	23,455	45,994			-49.0			Library Expenditures per PhD Awarded	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$40,140	\$71,789	-35.3	\$40,140 is spent for every PhD awarded	We spend less per PhD awarded (35.3% less library expenditures; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Library Staff per PhD Awarded	Total Staff	113	203	0.24	0.48	-44.3	There are 0.24 library staff for every PhD awarded	There are less library staff for every PhD awarded (44.3% less library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Professional Library Staff per PhD Awarded	Professional Staff	51	87	0.11	0.20	-41.3	There are 0.11 professional library staff for every PhD awarded	There are less professional library staff for every PhD awarded (41.3% less professional library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5																																															
Library Expenditures per PhD Awarded	Total Library Expenditures (USD)	\$19,186,730	\$29,634,964	\$40,140	\$71,789	-35.3	\$40,140 is spent for every PhD awarded	We spend less per PhD awarded (35.3% less library expenditures; 5.5% more PhDs awarded)																																																																																						
	PhD Awarded	478	453			5.5			Library Staff per PhD Awarded	Total Staff	113	203	0.24	0.48	-44.3	There are 0.24 library staff for every PhD awarded	There are less library staff for every PhD awarded (44.3% less library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5	Professional Library Staff per PhD Awarded	Professional Staff	51	87	0.11	0.20	-41.3	There are 0.11 professional library staff for every PhD awarded	There are less professional library staff for every PhD awarded (41.3% less professional library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5																																																												
Library Staff per PhD Awarded	Total Staff	113	203	0.24	0.48	-44.3	There are 0.24 library staff for every PhD awarded	There are less library staff for every PhD awarded (44.3% less library staff; 5.5% more PhDs awarded)																																																																																						
	PhD Awarded	478	453			5.5			Professional Library Staff per PhD Awarded	Professional Staff	51	87	0.11	0.20	-41.3	There are 0.11 professional library staff for every PhD awarded	There are less professional library staff for every PhD awarded (41.3% less professional library staff; 5.5% more PhDs awarded)	PhD Awarded	478	453	5.5																																																																									
Professional Library Staff per PhD Awarded	Professional Staff	51	87	0.11	0.20	-41.3	There are 0.11 professional library staff for every PhD awarded	There are less professional library staff for every PhD awarded (41.3% less professional library staff; 5.5% more PhDs awarded)																																																																																						
	PhD Awarded	478	453			5.5																																																																																								

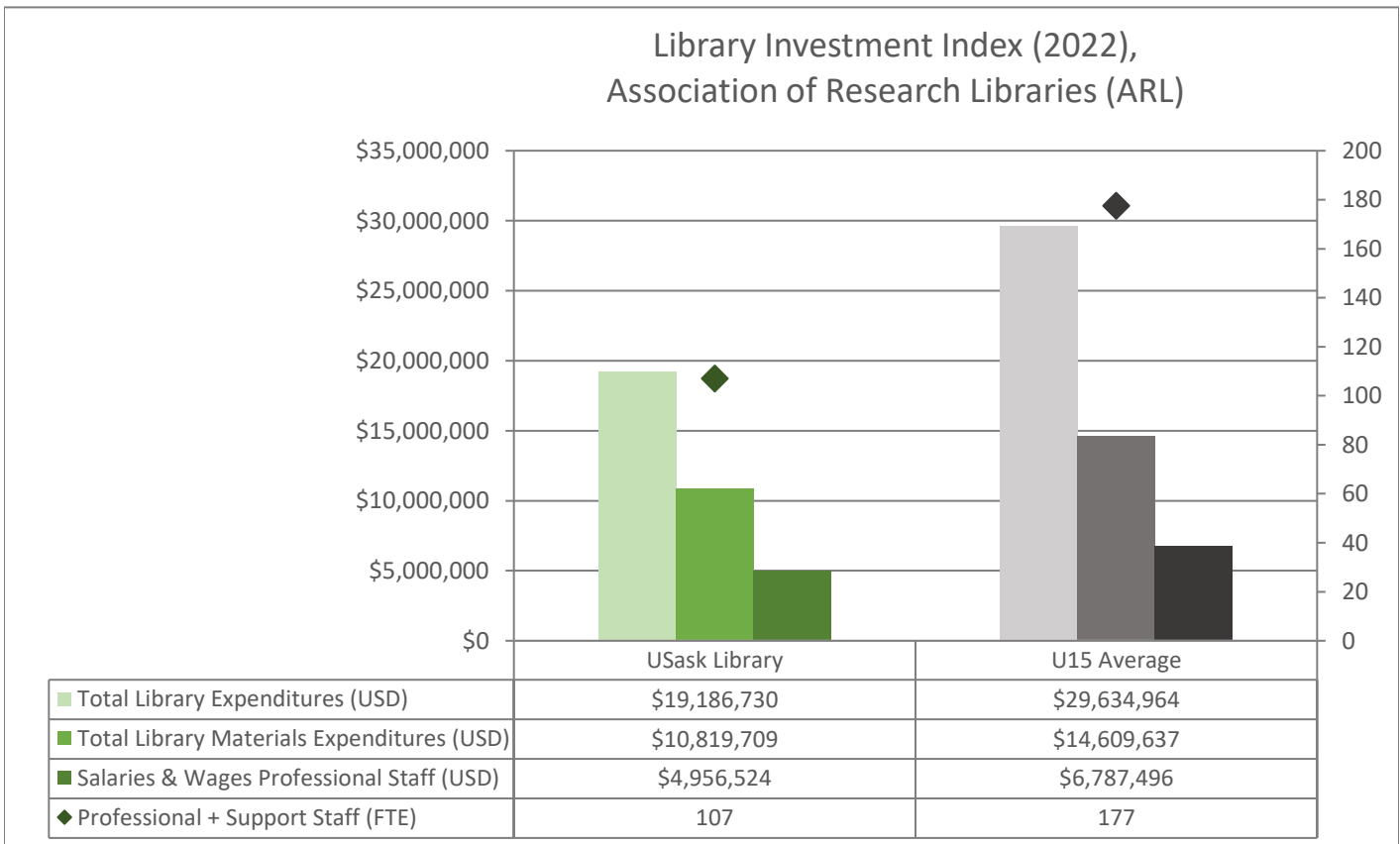
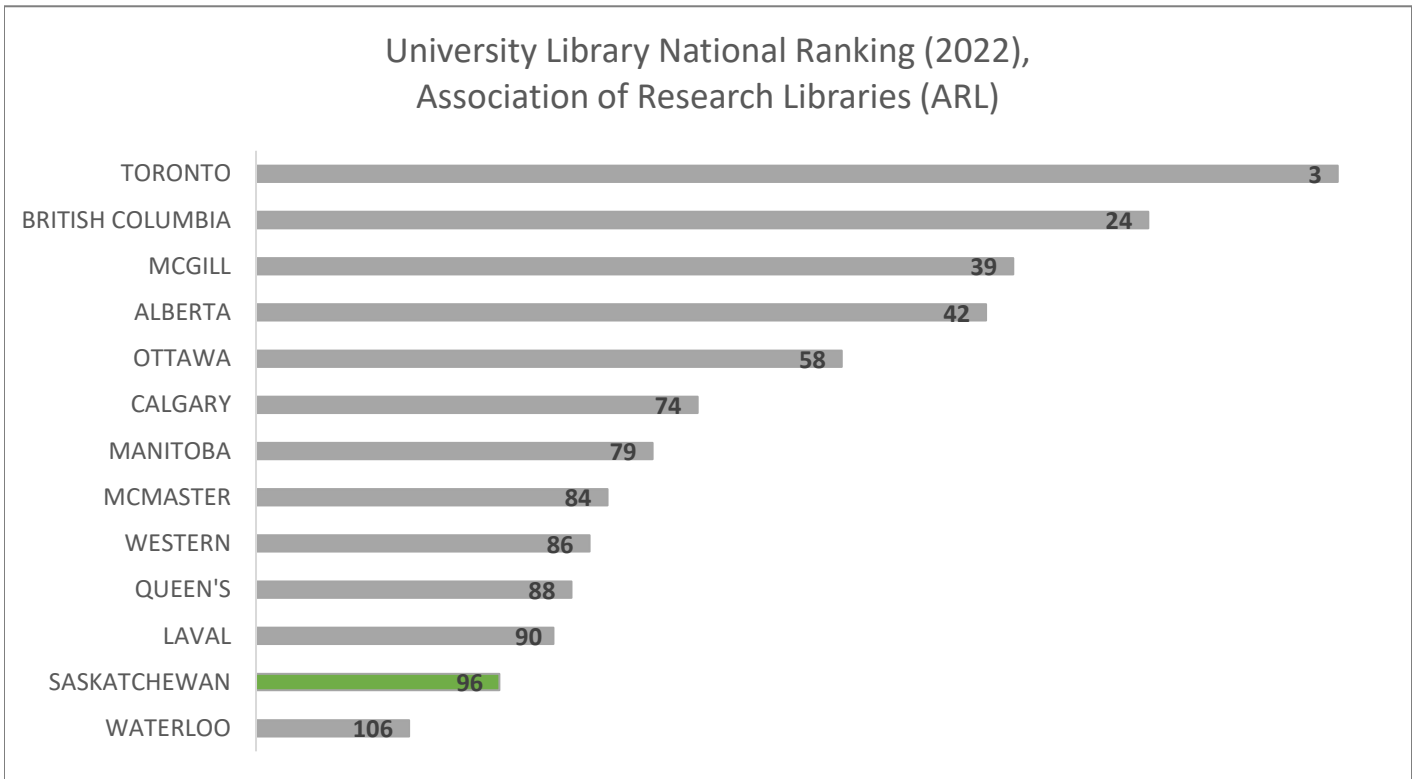
Results: ARL Percentages and Ratios (2022 graphs)

The following graphs illustrate 2022 ARL percentages and ratios for USask compared to the U15 average.



Results: ARL Library Investment Index

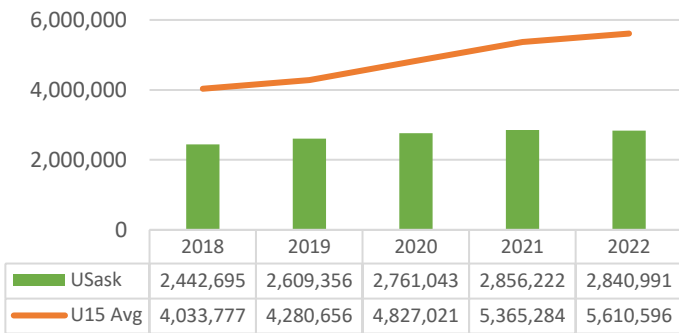
The first graph depicts the ARL Library Investment Index ranking for thirteen U15 institutions in 2022 (Dalhousie and Montreal not ARL members). The second graph shows the values for each of the four variables used to calculate the Library Investment Index at USask compared to the average of thirteen U15 peer institutions in 2022.



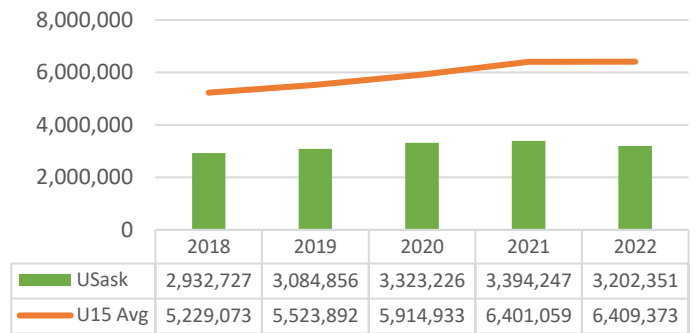
Appendix A: ARL Indicators – USask versus U15 average (2018 to 2022)

Library Collections and Expenditures

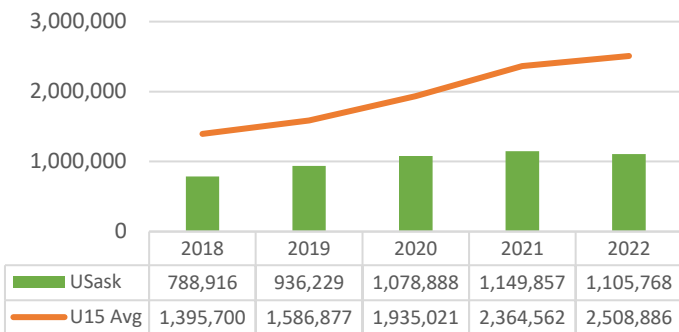
Titles Held (#)



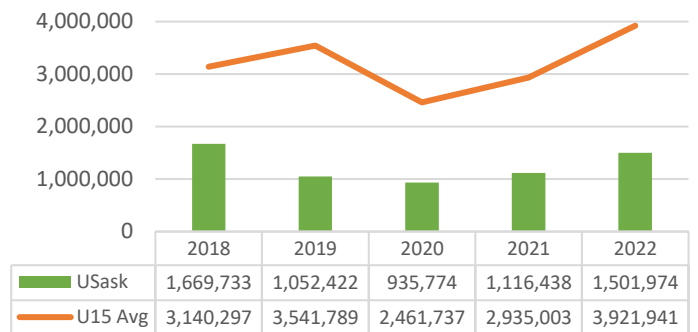
Volumes in Library (#)



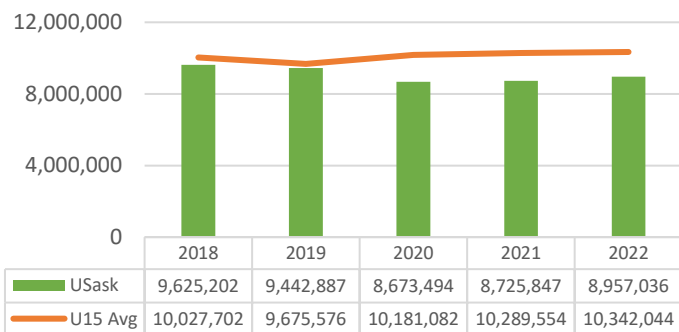
Electronic Books (#)



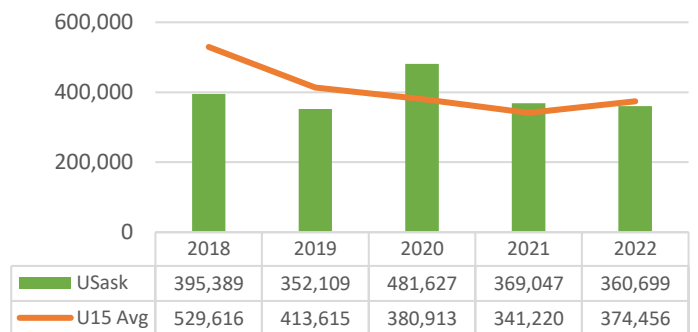
One-time Resource Purchases (\$)



Ongoing Resource Purchases (\$)



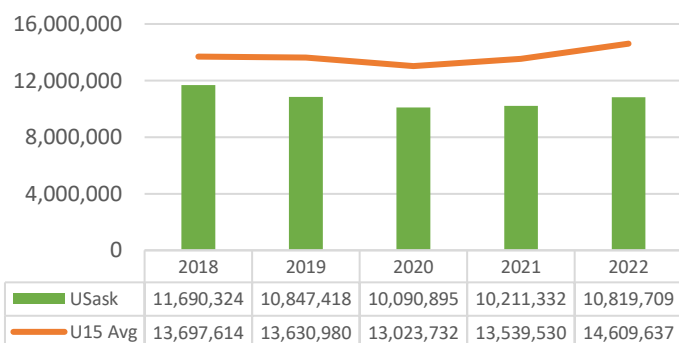
Collection Support (\$)



*2021 & 2022: Ottawa missing from U15 average

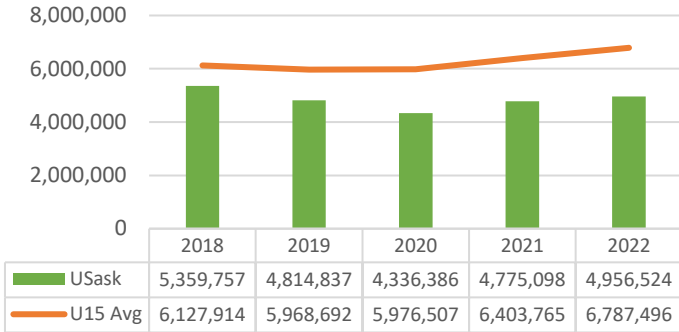
*2019 & 2020: Includes \$0 collection support from Ottawa in U15 average

Total Expenditures for Materials (\$)

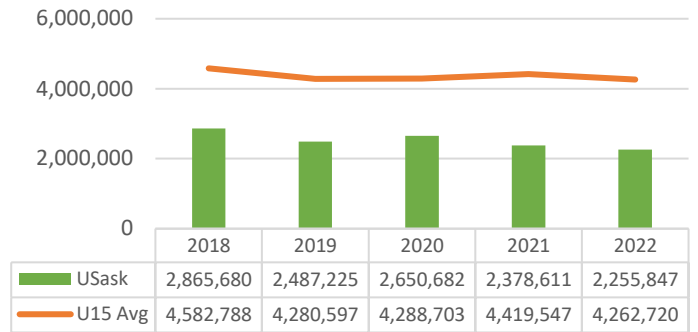


Library Salary Expenditures

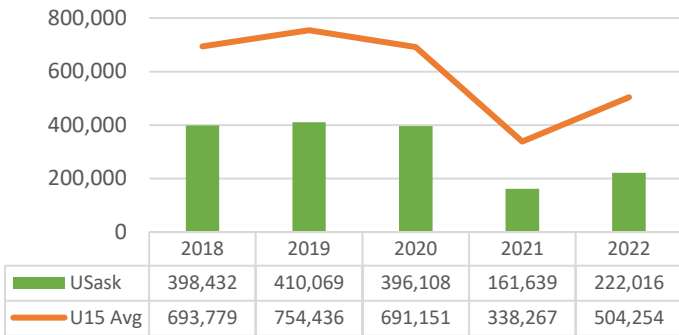
Salaries & Wages Professional Staff (\$)



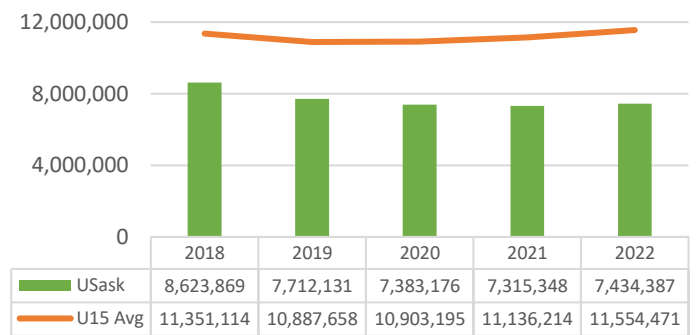
Salaries & Wages Support Staff (\$)



Salaries & Wages Student Assistants (\$)



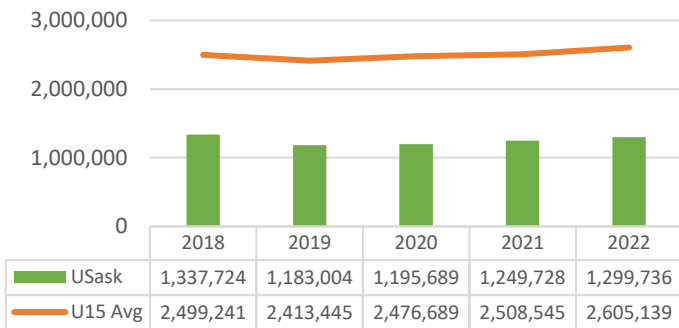
Total Salaries and Wages (\$)



*2018, 2020, 2021: Includes \$0 salaries & wages from Manitoba; Laval missing from U15 avg.

*2019: Laval and Manitoba missing from U15 average

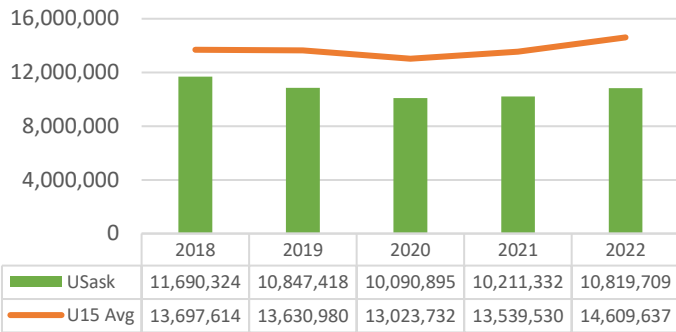
Fringe Benefits (\$)



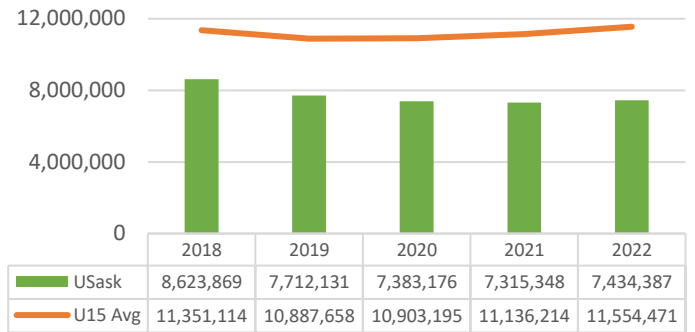
*2020-2022: Ottawa missing from U15 average

Overall Library Expenditures

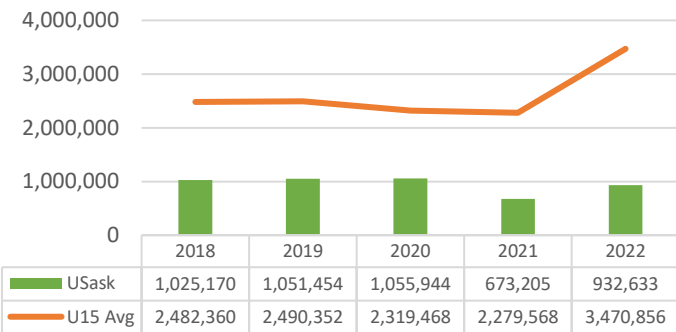
Total Materials (\$)



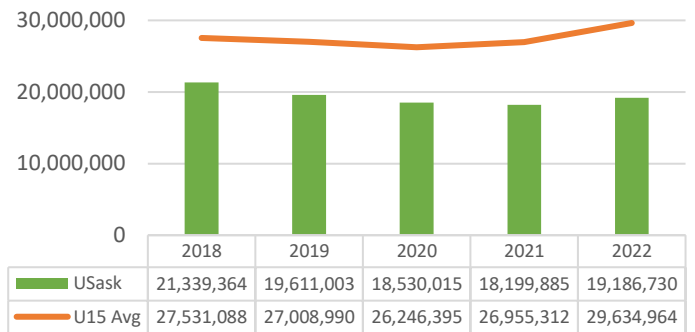
Total Salaries and Wages (\$)



Other Operating Expenditures (\$)

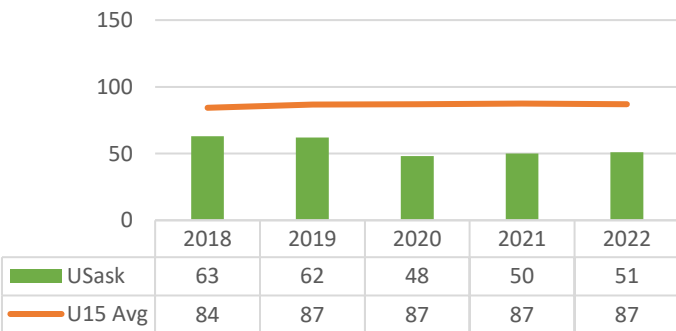


Total Expenditures (\$)

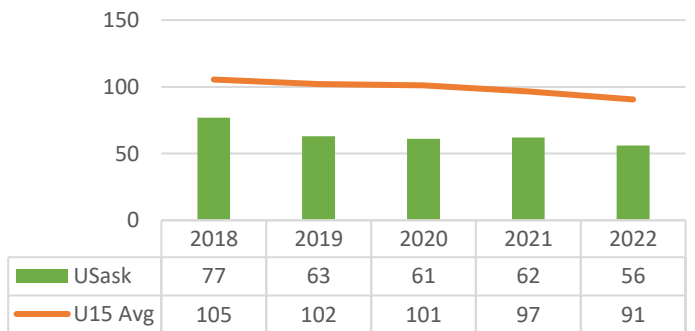


Library Personnel

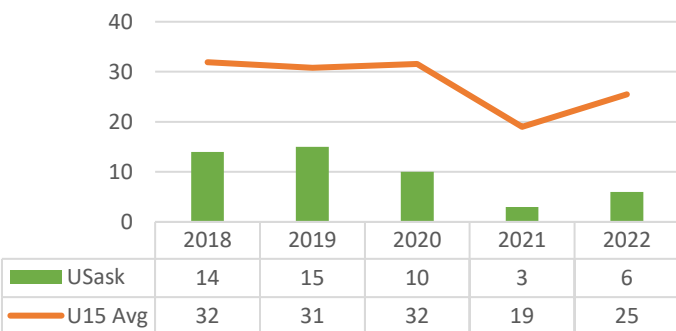
Professional Staff (FTE)



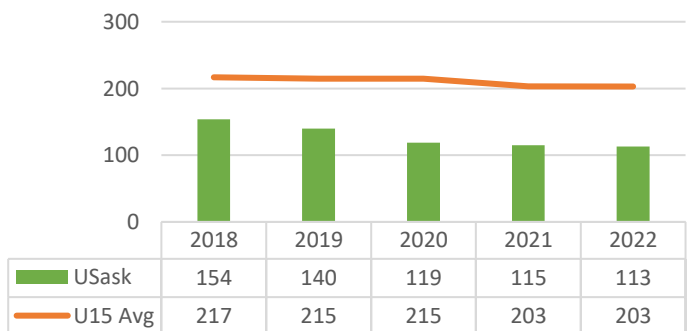
Support Staff (FTE)



Student Assistants (FTE)



Total Staff (FTE)

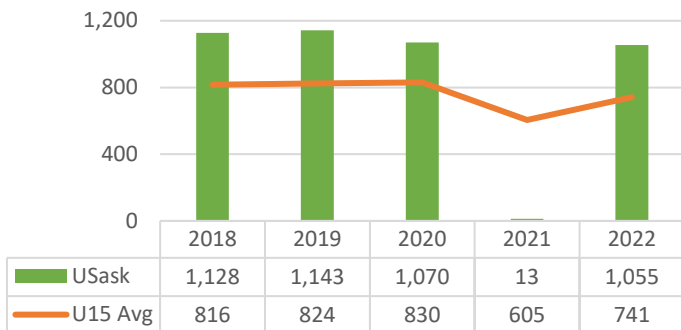


*2021: Includes 0 student assistants from Manitoba and Queen's in U15 average

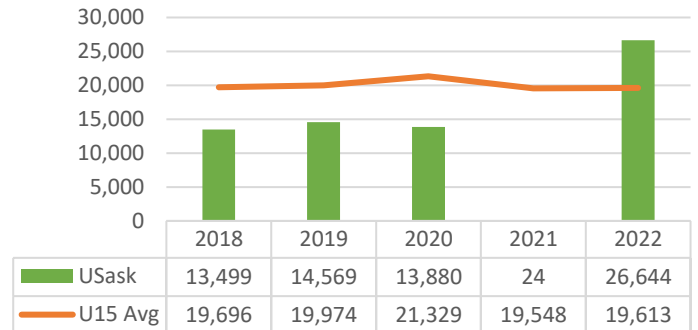
*2018-2020: Laval and Manitoba missing from U15 average

Library Use, Facilities, and Services

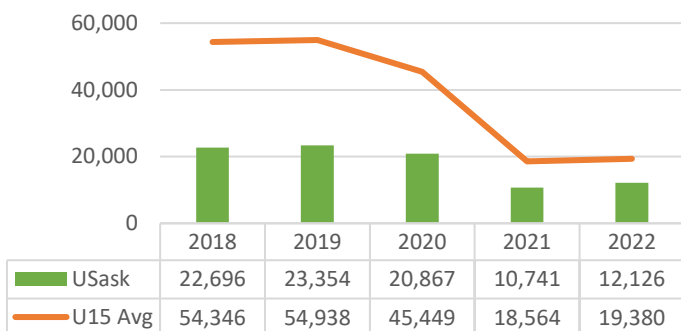
Library Presentations to Groups (#)



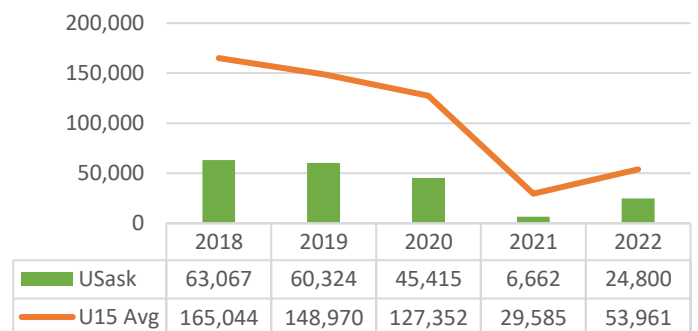
Participants in Group Presentations (#)



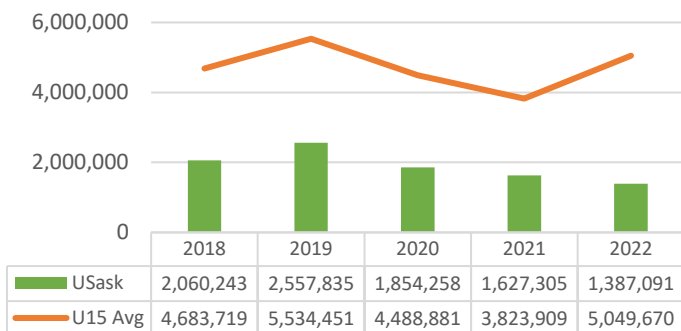
Reference Transactions (#)



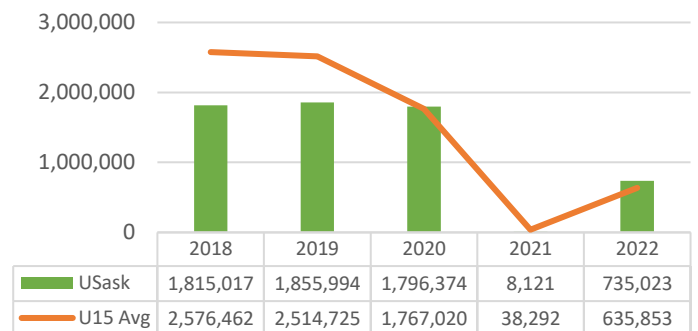
Initial Circulations (#)



Full-text Article Requests (#)



Annual Gate Count (#)



*2022: Alberta, British Columbia missing from U15 average

*2021: Alberta, British Columbia, Calgary, McGill missing from U15 average

*2020: Alberta, Calgary missing from U15 average

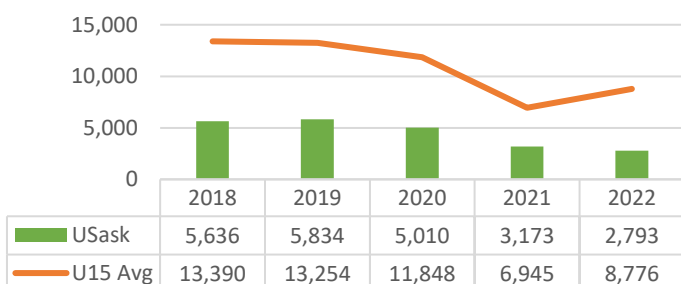
*2019: Alberta, Western missing from U15 average

*2018: Alberta missing from U15 average

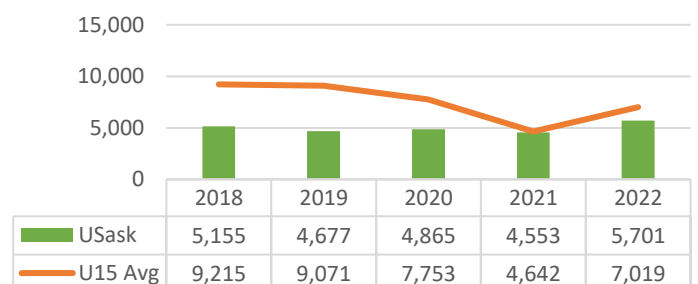
*2022: Queen's, Toronto, Waterloo, Western missing from U15 average

*2021: Ottawa, Queen's, Western missing from U15 average; Includes 0 gate count from Waterloo

Total Items Loaned to Other Libraries (#)

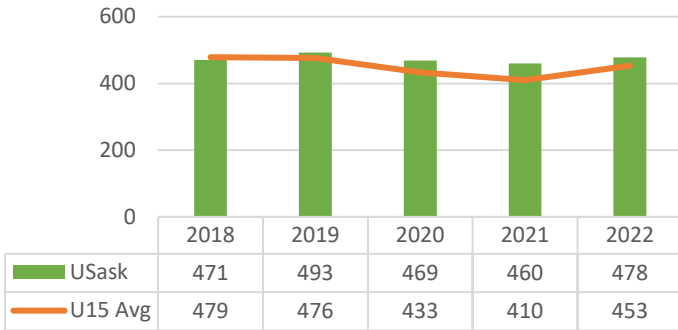


Total Items Borrowed from Other Libraries (#)

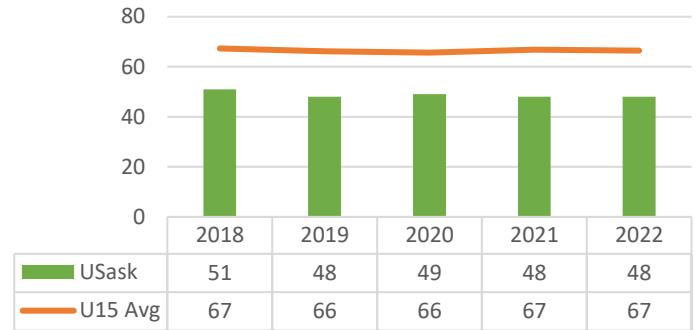


Doctor's Degrees, Faculty, and Enrollment

Doctor's Degrees Awarded (#)

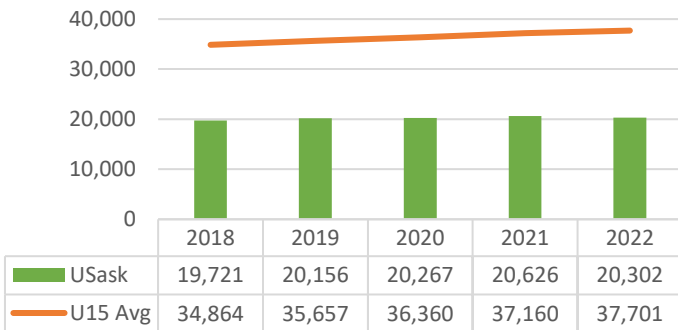


Doctor's Degree Fields (#)

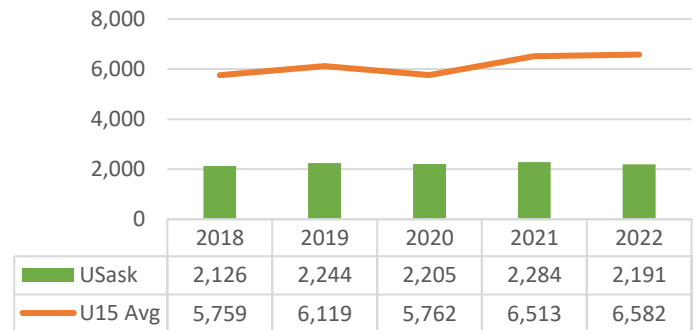


*All years: Alberta missing from U15 average

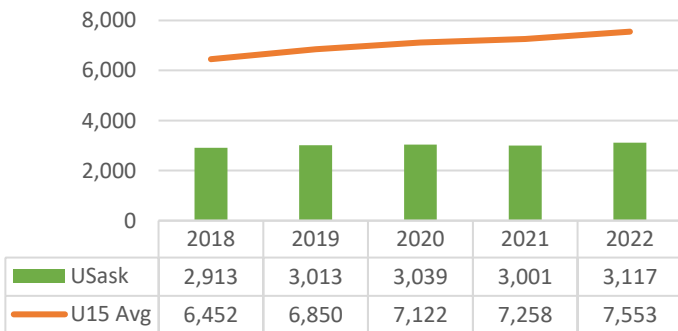
Total Full-time Students (#)



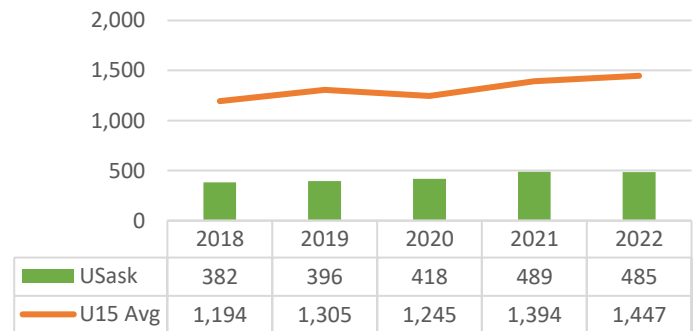
Total Part-time Students (#)



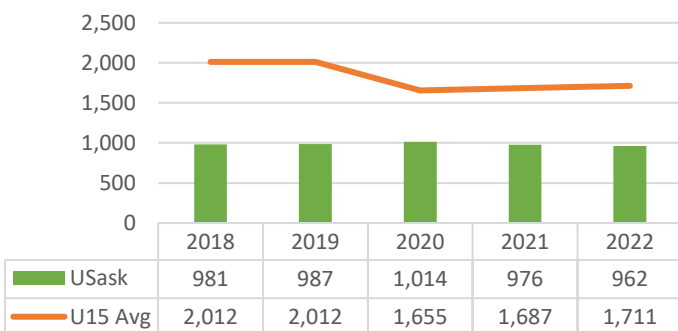
Graduate Full-time Students (#)



Graduate Part-time Students (#)



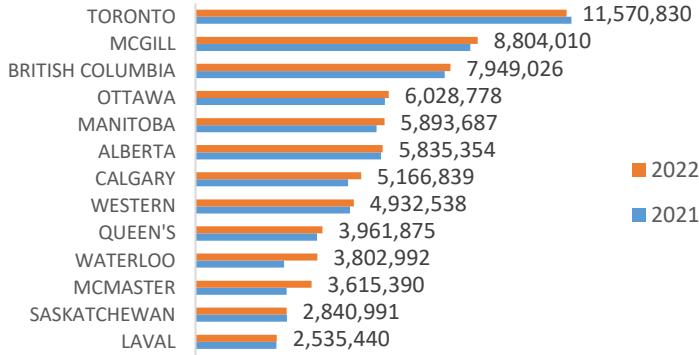
Full-time Instructional Faculty (#)



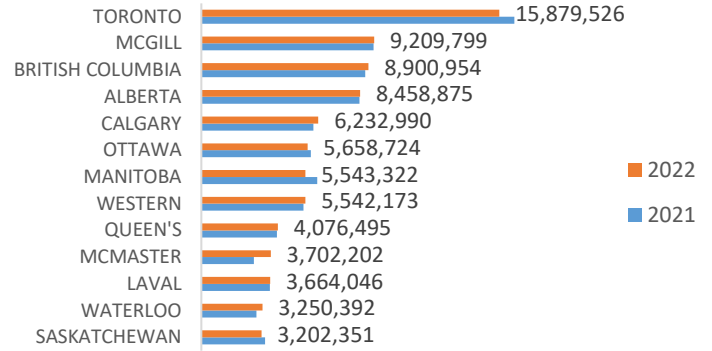
Appendix B: ARL Indicators – USask results/ranking among U15 (2022 & 2021)

Library Collections and Expenditures

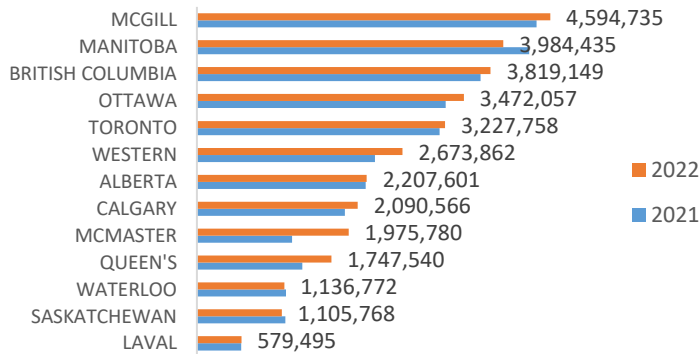
Titles Held (#)



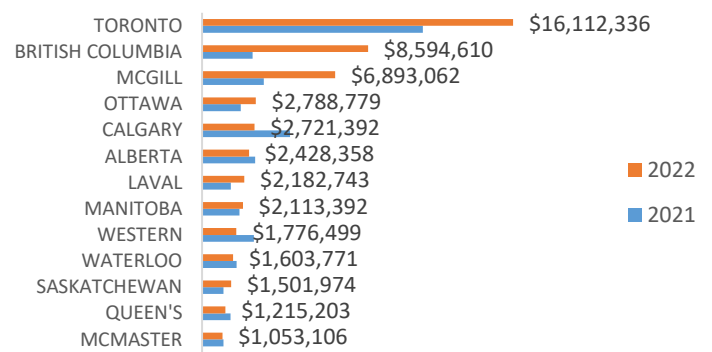
Volumes in Library (#)



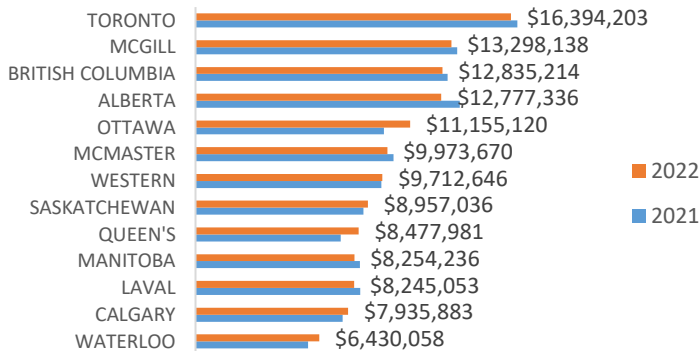
Electronic Books (#)



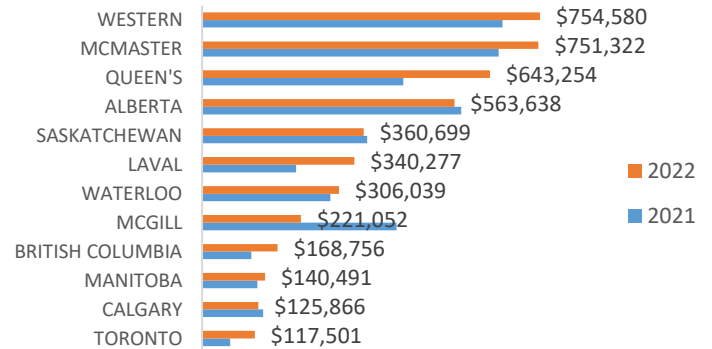
One-time Resource Purchases (\$)



Ongoing Resource Purchases (\$)

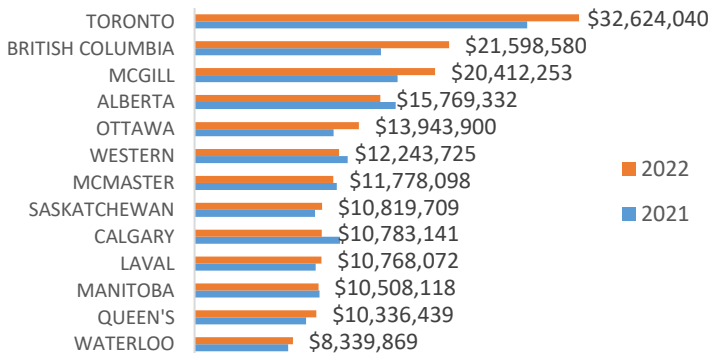


Collection Support (\$)



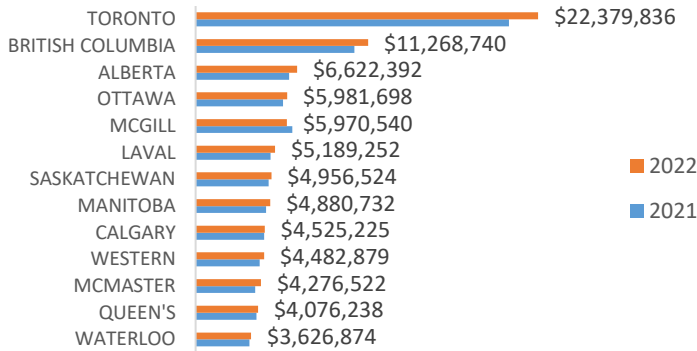
*Data missing for Ottawa

Total Library Materials (\$)

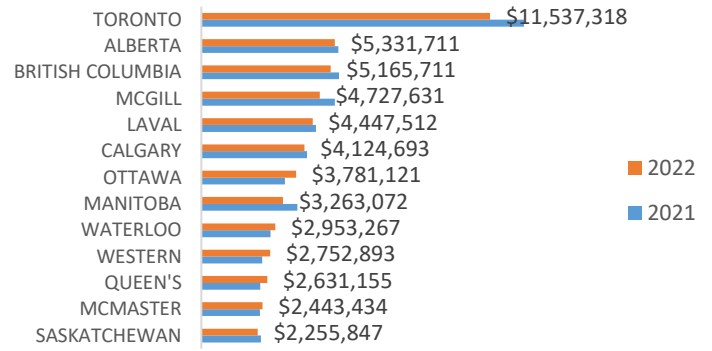


Library Salary Expenditures

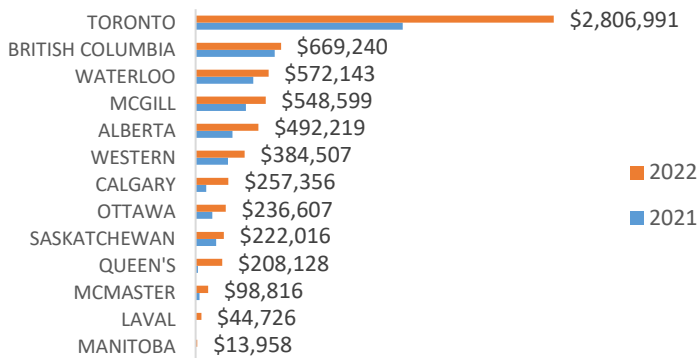
Salaries & Wages Professional Staff (\$)



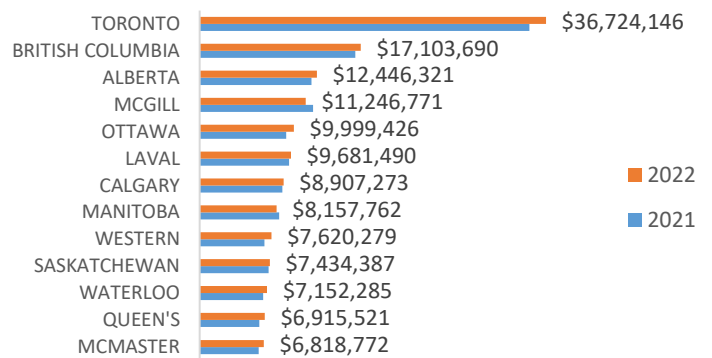
Salaries & Wages Support Staff (\$)



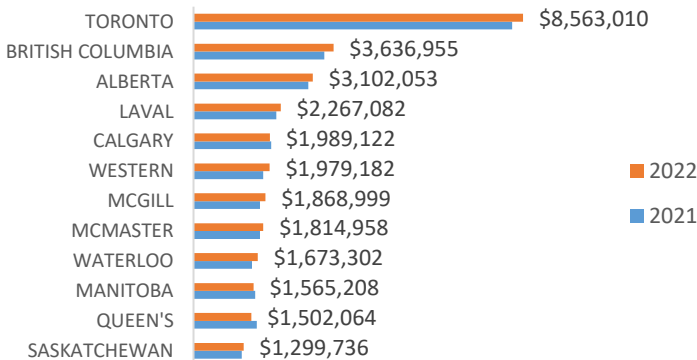
Salaries & Wages Student Assistants (\$)



Total Salaries & Wages (\$)



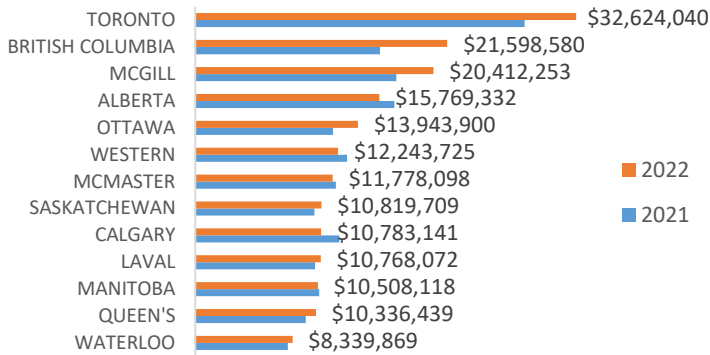
Fringe Benefits (\$)



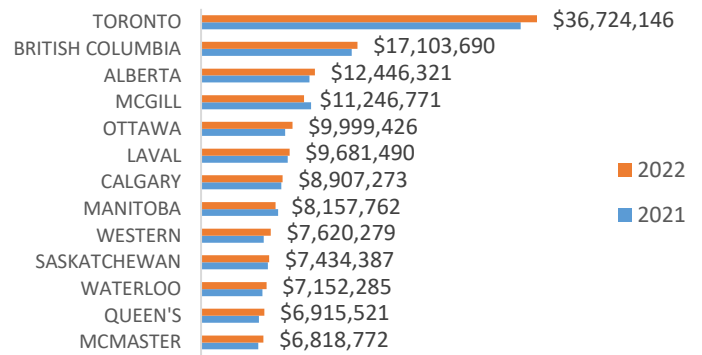
*Data missing for Ottawa

Overall Library Expenditures

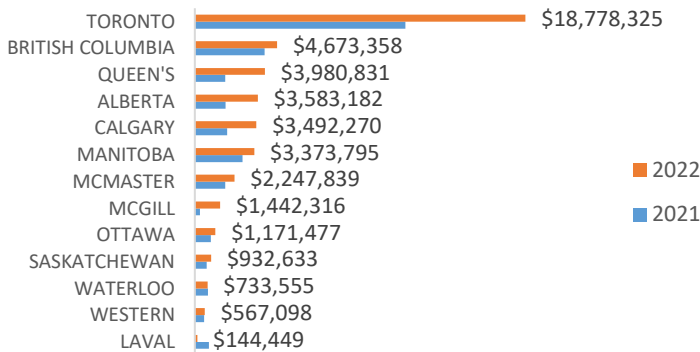
Total Library Materials (\$)



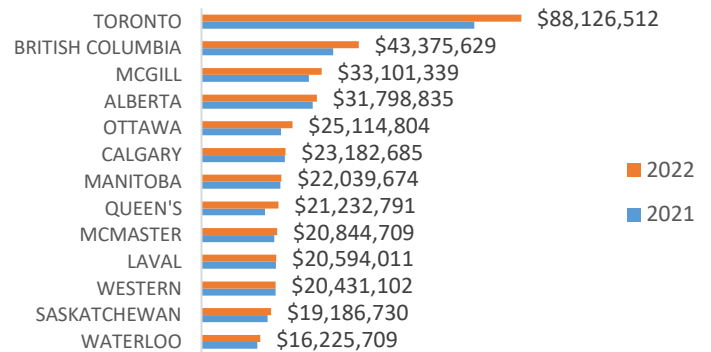
Total Salaries & Wages (\$)



Other Operating Expenditures (\$)

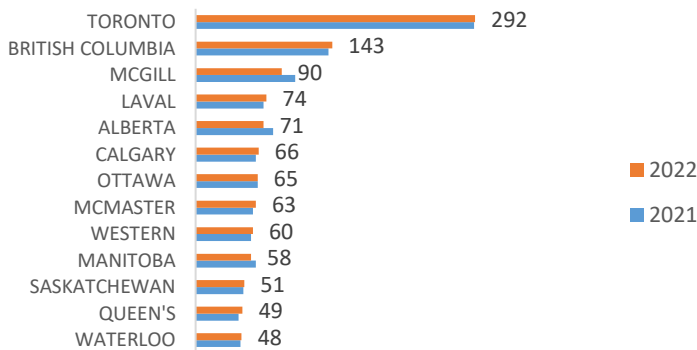


Total Library Expenditures (\$)

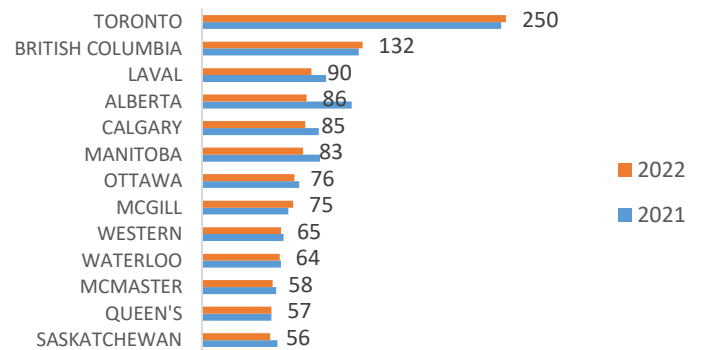


Library Personnel

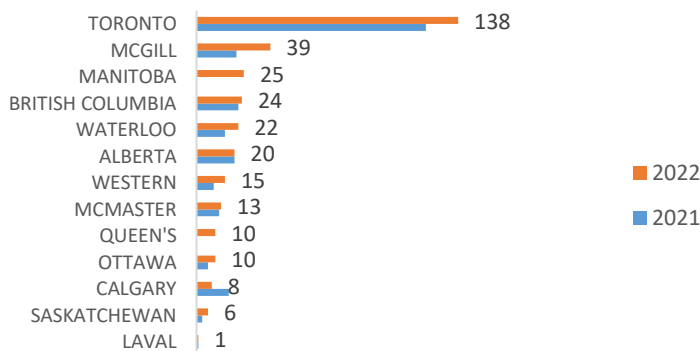
Professional Staff (FTE)



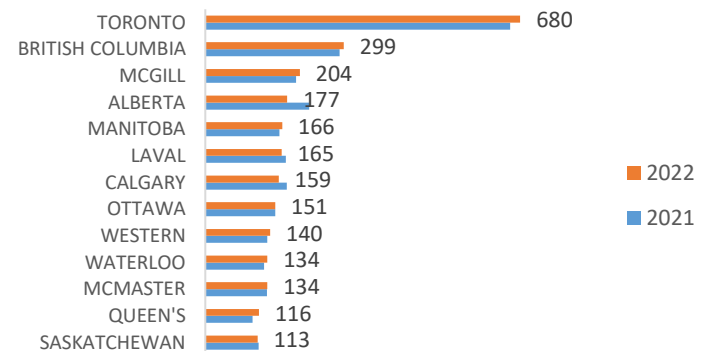
Support Staff (FTE)



Student Assistants (FTE)

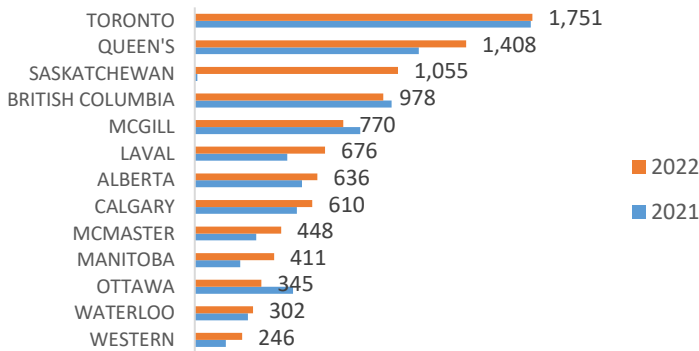


Total Staff (FTE)

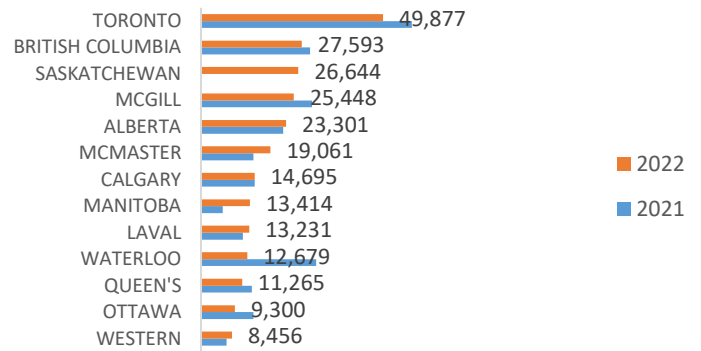


Library Use, Facilities, and Services

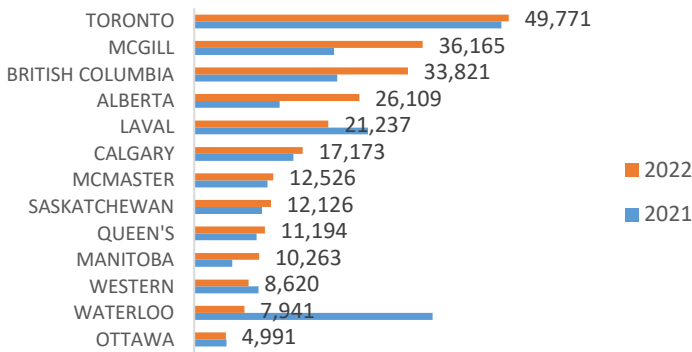
Library Presentations to Groups (#)



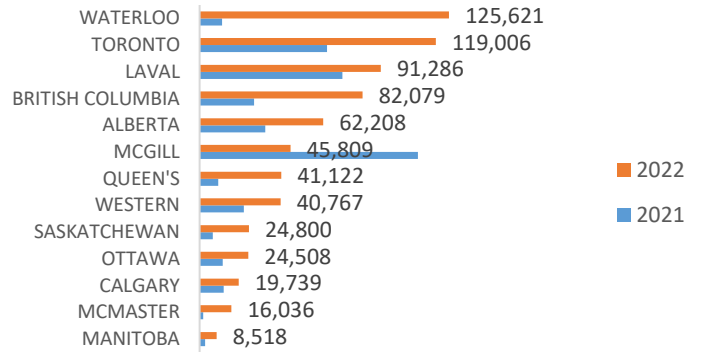
Participants in Group Presentations (#)



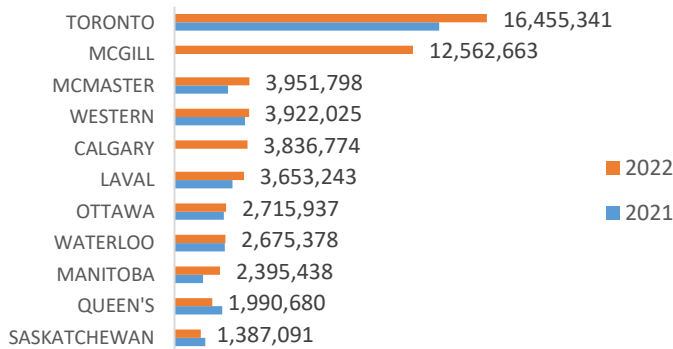
Reference Transactions (#)



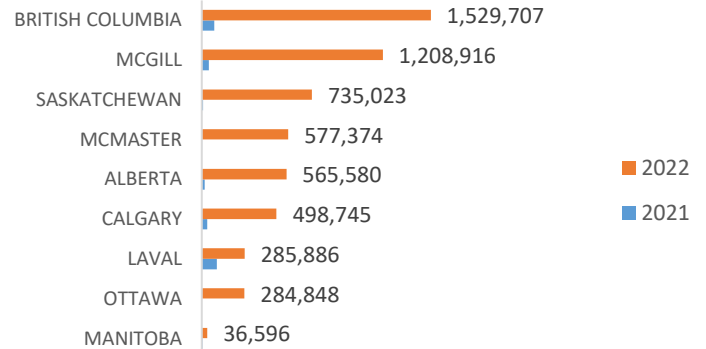
Initial Circulations (#)



Full-text Article Requests (#)



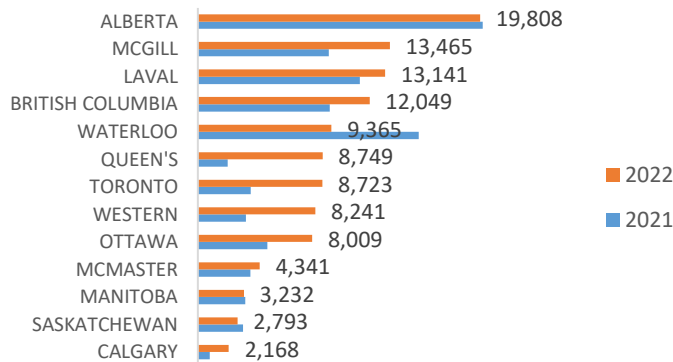
Annual Gate Count (#)



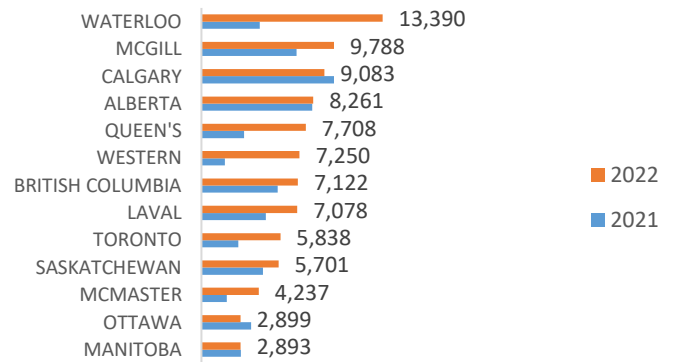
*Data missing for Alberta, British Columbia

*Data missing for Queen's, Toronto, Waterloo, Western

Total Items Loaned to Other Libraries (#)

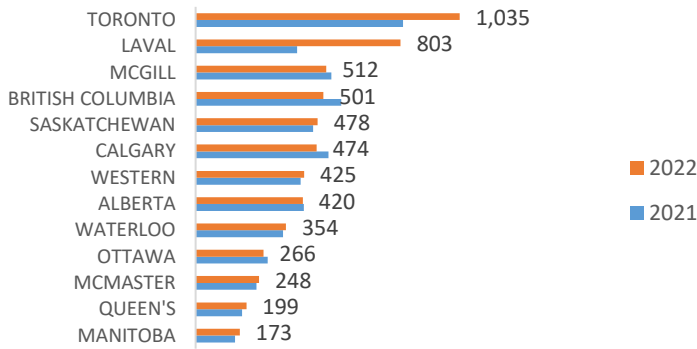


Total Items Borrowed from Other Libraries (#)

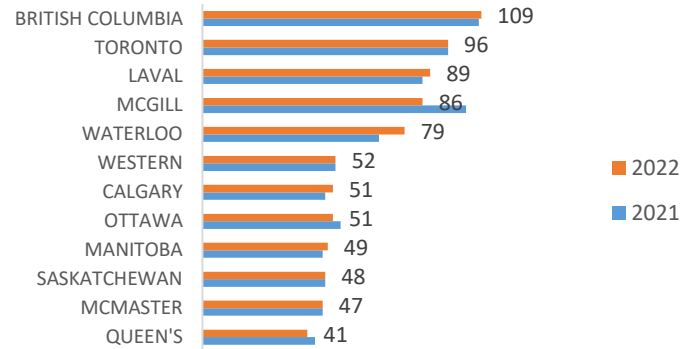


Doctor's Degrees, Faculty, and Enrollment

Doctor's Degrees Awarded (#)

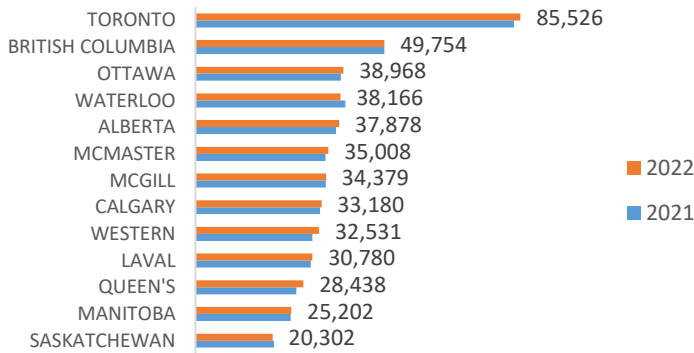


Doctor's Degree Fields (#)

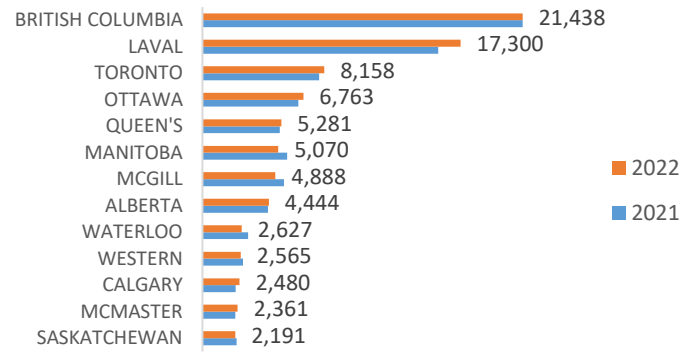


*Data missing for Alberta

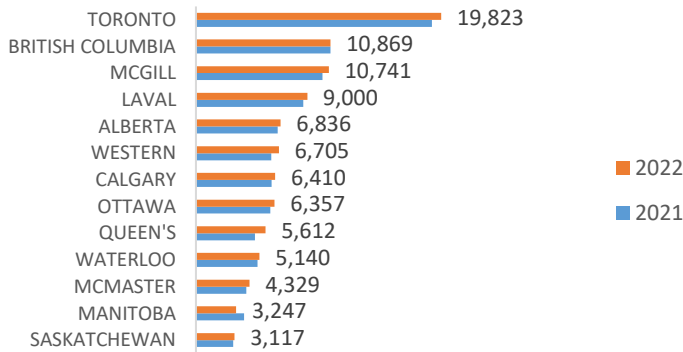
Total Full-time Students (#)



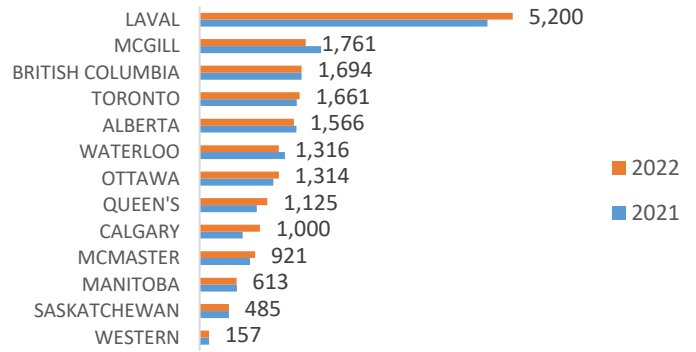
Total Part-time Students (#)



Graduate Full-time Students (#)



Graduate Part-time Students (#)



Full-time Instructional Faculty (#)

