

Research4Life

HEADLINE NUMBERS UPDATE

PARTNERS MEETING

Virtual Gathering

July 2020

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RESEARCH4LIFE COUNTRY PARTICIPATING INSTITUTIONS (Group A)

COUNTRY	Research4Life # Institutions	
	Jun-19	Jun-20
Afghanistan	103	111
Angola	42	42
Bangladesh	434	466
Belize	5	5
Benin	62	65
Bhutan	133	159
Burkina Faso	132	137
Burundi	31	31
Cabo Verde	16	17
Cambodia	104	108
Cameroon	171	175
Central African Republic	17	17
Chad	19	19
Comoros	11	11
Congo	36	37
Côte d'Ivoire	82	84
Democratic People's Republic of Korea	4	4
Democratic Republic of the Congo	172	177
Djibouti	15	15
Equatorial Guinea	3	3
Eritrea	21	23
Eswatini	18	18
Ethiopia	302	308
Gambia	27	28
Ghana	242	250
Guinea	33	33
Guinea-Bissau	6	7
Haiti	56	57
Kenya	360	374
Kiribati	6	6
Kyrgyzstan	73	75
Lao People's Democratic Republic	41	41
Lesotho	27	28
Liberia	35	41
Madagascar	97	115
Malawi	107	116
Mali	110	118
Marshall Islands	3	3
Mauritania	22	24
Micronesia (Federated States of)	4	5
Mozambique	151	153
Myanmar	139	143
Nepal	507	553
Nicaragua	135	136
Niger	44	51
Papua New Guinea	94	98
Republic of Moldova	80	82

COUNTRY	Research4Life # Institutions	
	Jun-19	Jun-20
Rwanda	112	101
Samoa	10	11
Sao Tome and Principe	3	3
Senegal	115	116
Sierra Leone	38	41
Solomon Islands	16	17
Somalia	67	72
South Sudan	22	23
Sudan	217	225
Syrian Arab Republic	62	63
Tajikistan	70	72
Timor-Leste	24	25
Togo	46	46
Tokelau	1	1
Tonga	3	3
Tuvalu	1	1
Uganda	267	279
United Republic of Tanzania	291	311
Vanuatu	3	3
Yemen	114	117
Zambia	125	140
Zimbabwe	144	148
Refugee Camps (UNHCR/UNRWA) ★	0	0
Total	6083	6388

RESEARCH4LIFE COUNTRY PARTICIPATING INSTITUTIONS (Group B)

COUNTRY, AREA, or TERRITORY	Research4Life ^(a) Institutions		
	Jun-19		Jun-20
	Paid	Total	Total
Albania	2	40	42
Algeria	0	59	61
Antigua and Barbuda	0	1	1
Armenia	2	55	55
Azerbaijan	0	26	25
Belarus	0	23	25
Bolivia (Plurinational State of)	11	152	154
Bosnia and Herzegovina	13	34	34
Botswana	3	14	16
Colombia ⁽²⁾	NA	NA	223
Cook Islands	0	1	1
Cuba ⁽²⁾	NA	NA	102
Dominica	1	1	1
Ecuador ⁽²⁾	NA	NA	123
Egypt	26	38	45
El Salvador	5	41	41
Fiji	1	19	21
Gabon	0	7	7
Georgia	13	57	58
Grenada	1	1	1
Guatemala	14	78	81
Guyana	1	24	25
Honduras	9	96	97
Iraq ⁽¹⁾	NA	218	221
Jamaica	2	21	23
Jordan	1	41	43
Kosovo	1	12	11
Libya ⁽¹⁾	NA	21	25
Maldives	3	19	20
Mauritius	1	7	8
Mongolia	10	83	81
Montenegro	0	6	6
Morocco	10	79	80
Namibia	1	39	39
Nauru	0	1	1
Nigeria	30	673	683
Niue	0	0	0
North Macedonia	6	21	21
Pakistan	1	34	48
Palau	0	0	0
Paraguay	8	41	43
Peru ⁽²⁾	NA	NA	217
Saint Helena	0	1	1
Saint Kitts and Nevis	0	0	0
Saint Lucia	0	0	0
Saint Vincent and the Grenadines	1	3	4

COUNTRY, AREA, or TERRITORY	Research4Life ^(a)		
	Institutions		
	Jun-19		Jun-20
	Paid	Total	Total
Serbia	0	63	65
Seychelles	0	3	4
Sri Lanka	6	55	57
Suriname	1	10	10
Tunisia	3	67	68
Ukraine	3	228	224
Uzbekistan	0	42	43
Venezuela (Bolivarian Republic of)	0	0	3
Viet Nam	7	455	459
West Bank and Gaza Strip	13	57	57
Total	210	3067	3805
Grand Total		9150	10192

^(a) Group B institution counts for 2019 are presented in two columns: Number of institutions in Paid status and Total number of institutions registered; for 2020 there is only one column because of the Partners decision waiving payment due to COVID-19 economic impact.

⁽¹⁾ Group B Special – no payments required.

⁽²⁾ Countries reinstated in 2020

★ Refugee Camps categorized by UNHCR as “planned/managed camps” or UNRWA listed are eligible for free Research4Life access regardless of their geographical location.

Research4Life Registrations

As of June 1st, 2020, **10 192** institutions from 121 countries areas and territories (out of 125 eligible) have registered: **6388** in Group A and **3804** in Group B. The countries areas or territories without any registrations are Niue, Palau, Saint Kitts and Nevis, Saint Lucia and the Refugee Camps (collectively treated as a pseudo-country).

The five Group A countries with the highest numbers of institutions registered are: Nepal (**553**); Bangladesh (**466**); Kenya (**374**); United Republic of Tanzania (**311**) and Ethiopia (**308**). These five countries represent **31%** of the total registered institutions in Group A.

The countries in Group A that saw the greatest increase in registrations between June 2019 and June 2020 are: Nepal (**507** to **553**); Bangladesh (**434** to **466**); Bhutan (**133** to **159**); United Republic of Tanzania (**291** to **311**); Madagascar (**97** to **115**) and Zambia (**125** to **140**). All of these countries except Zambia were DAR Focus countries in 2018/2019.

One country in Group A reduced numbers of registrations: Rwanda (**112** to **101**). This reflects consolidation of University of Rwanda campuses under one administration.

The Group A countries, areas or territories with no increase in registrations in the last 12 months are: Togo (**46**); Angola (**42**); Lao People's Democratic Republic (**41**); Guinea (**33**); Burundi (**31**); Chad (**19**); Eswatini (**18**); Central African Republic (**17**); Djibouti (**15**); Comoros (**11**); Belize (**5**); Democratic People's Republic of Korea (**4**); Equatorial Guinea (**3**); Marshall Islands (**3**); Sao Tome and Principe (**3**); Tonga (**3**); Vanuatu (**3**); Tokelau (**1**) and Tuvalu (**1**).

In Group B, the five countries with the highest numbers of institutions registered are: Nigeria (**683**); Viet Nam (**459**); Ukraine (**224**); Colombia (**223**) and Iraq (**221**). These five countries represent **48%** of all registered institutions in Group B.

The countries in Group B that saw the greatest increase in registrations between June 2019 and June 2020 are: Colombia (**0** to **223**); Peru (**0** to **217**); Ecuador (**0** to **123**); Cuba (**0** to **102**); Pakistan (**34** to **48**) and Nigeria (**673** to **683**). The first four of these were due to reinstating previously registered institutions when the countries were designated re-eligible.

Four countries, areas or territories reduced numbers of registrations. Ukraine (**228** to **224**); Mongolia (**83** to **81**); Kosovo (**12** to **11**) and Azerbaijan (**26** to **25**). These reflects some changes on the ground in countries as well as the ongoing data cleanup.

The Group B countries, areas or territories with no increase in registrations in the last 12 months are: West Bank and Gaza Strip (**57**); Armenia (**55**); El Salvador (**41**); Namibia (**39**); Bosnia and Herzegovina (**34**); North Macedonia (**21**); Suriname (**10**); Gabon (**7**); Montenegro (**6**); Antigua and Barbuda (**1**); Cook Islands (**1**); Dominica (**1**); Grenada (**1**); Nauru (**1**) and Saint Helena (**1**).

PAYMENTS:

Breakdown of payments received

Research4Life 2018 - 203 Payments affecting 256 institutions
 2019 - 192 Payments affecting 267 institutions

The 2019 Research4Life payments came from 34 of the 50^(*) countries, areas and territories eligible for Group B. The regional breakdown was as follows:

2019 Payments	Total Payments per Region	Number of countries with payments
EMRO (Middle East & N. Africa)	53	6 (of 6* eligible)
AFRO (Africa)	44	5 (of 7 eligible)
AMRO (Latin America & Caribbean)	43	10 (of 15 eligible)
EURO (Europe)	27	8 (of 13 eligible)
WPRO (Western Pacific)	15	3 (of 7 eligible)
SEARO (SE Asia)	10	2 (of 2 eligible)
Total	192	34 (of 50* eligible)

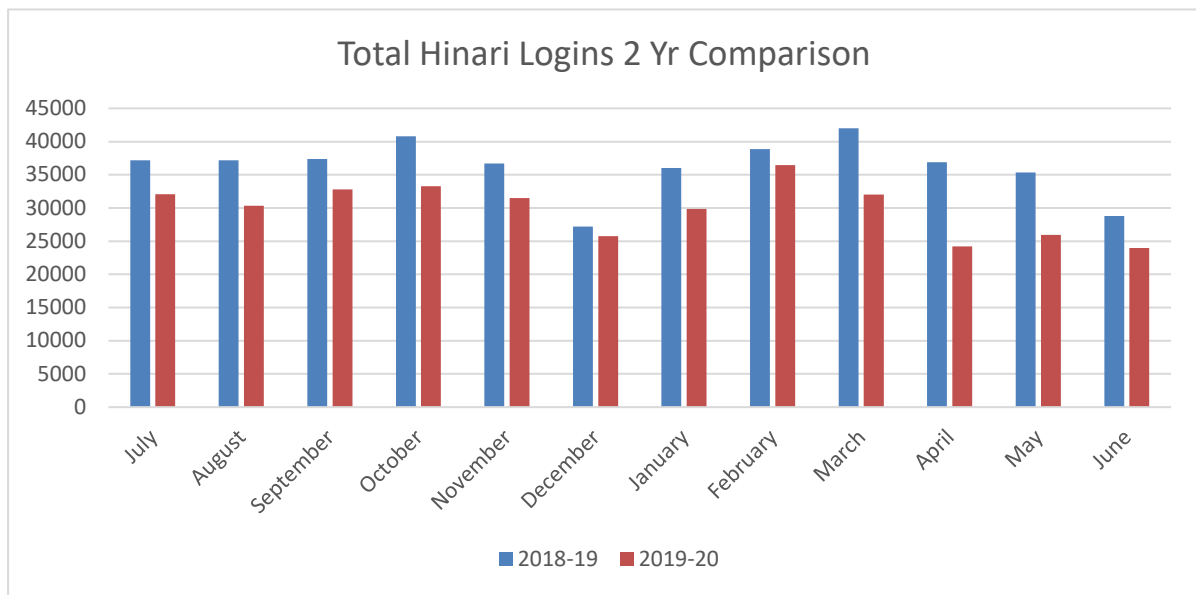
Of the overall payments for 2019, **28%** came the Middle East & N. Africa, **23%** came from Africa and **22%** came from Latin America and the Caribbean. Nigeria and Egypt were the top payers in 2019: **36** and **26** respectively.

Countries areas and territories that increased their payments the most between 2018 to 2019 are: Nigeria (**24 to 36**), Morocco (**5 to 11**) and West Bank and Gaza Strip (**10 to 12**). The countries, areas or territories with 100% increase or greater in their payments from 2018 to 2019 are: Morocco (**120%**), Pakistan (**100%**), Namibia (**100%**), Kosovo (**100%**).

In 2020, we have received 55 payments for Research4Life as of 15 July. Based on the waiver of payments offered in this year of COVID-19 impact, and the fact that we still see 2-3 payments a month, we hope to reach 60 payments in total this year. This year for the first time ever at this time of year, we have no pre-payments for the coming year.

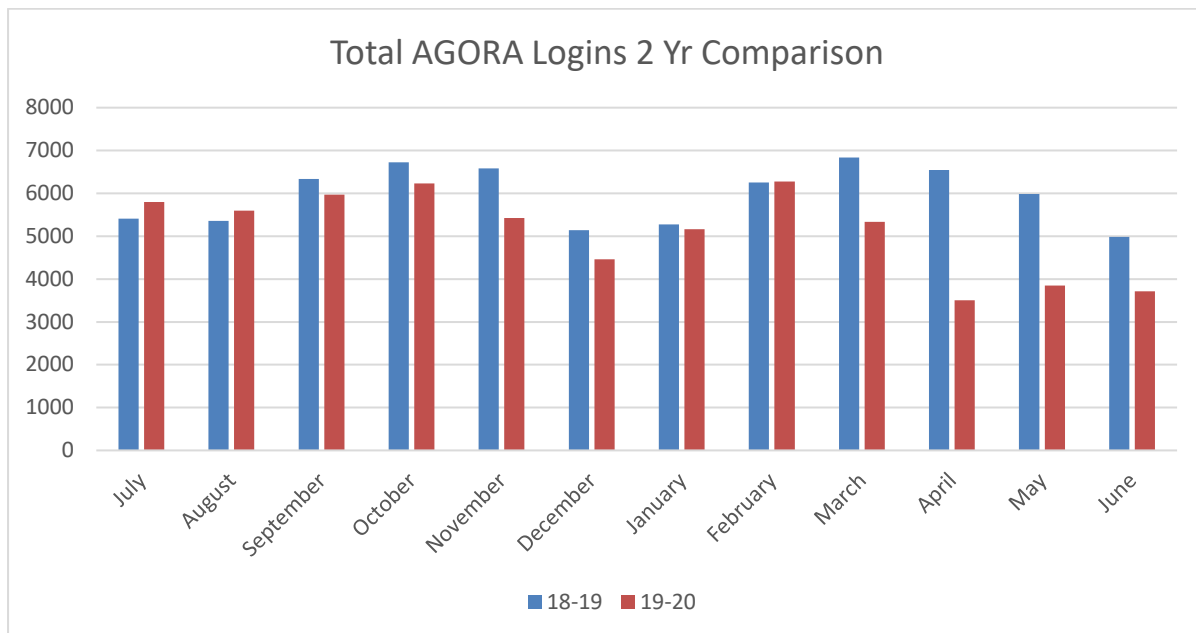
(*) # of countries in Group B in 2019, not including Iraq and Libya in Special status.

Hinari Usage Statistics



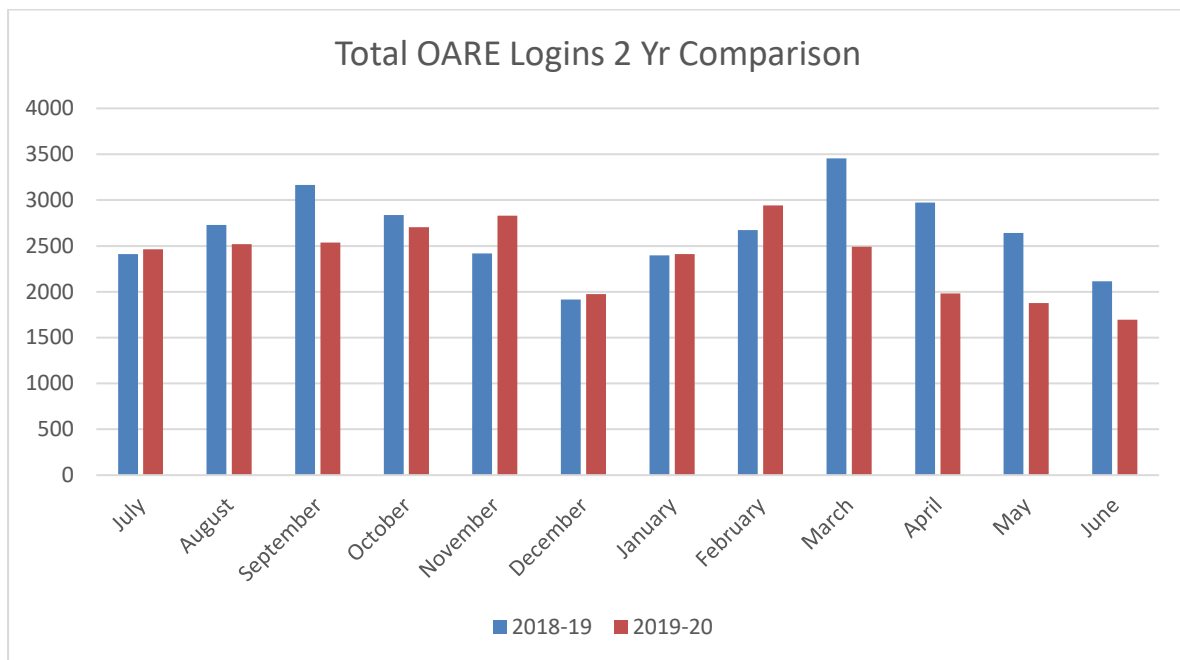
Note: A login is a session that begins when a user chooses Hinari from the available programmes after logging in to Research4Life with his/her institution's username and password and ends by either a logout or a timeout.

AGORA Usage Statistics



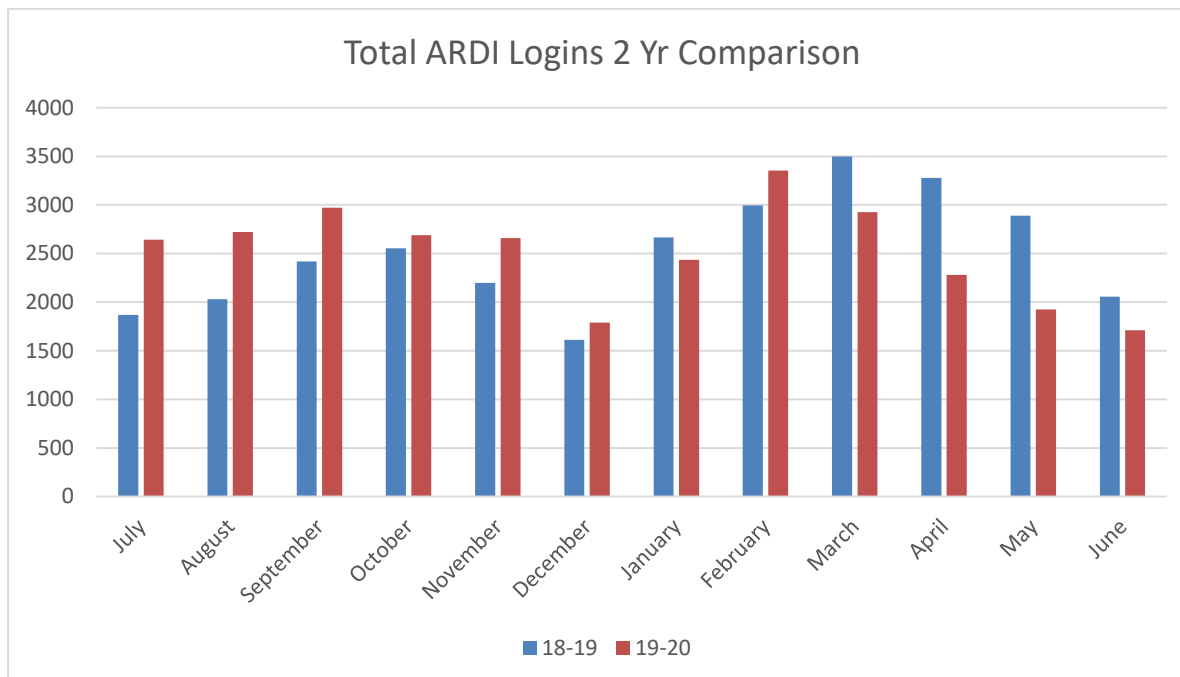
Note: A login is a session that begins when a user chooses AGORA from the available programmes after logging in to Research4Life with his/her institution's username and password and ends by either a logout or a timeout.

OARE Usage Statistics



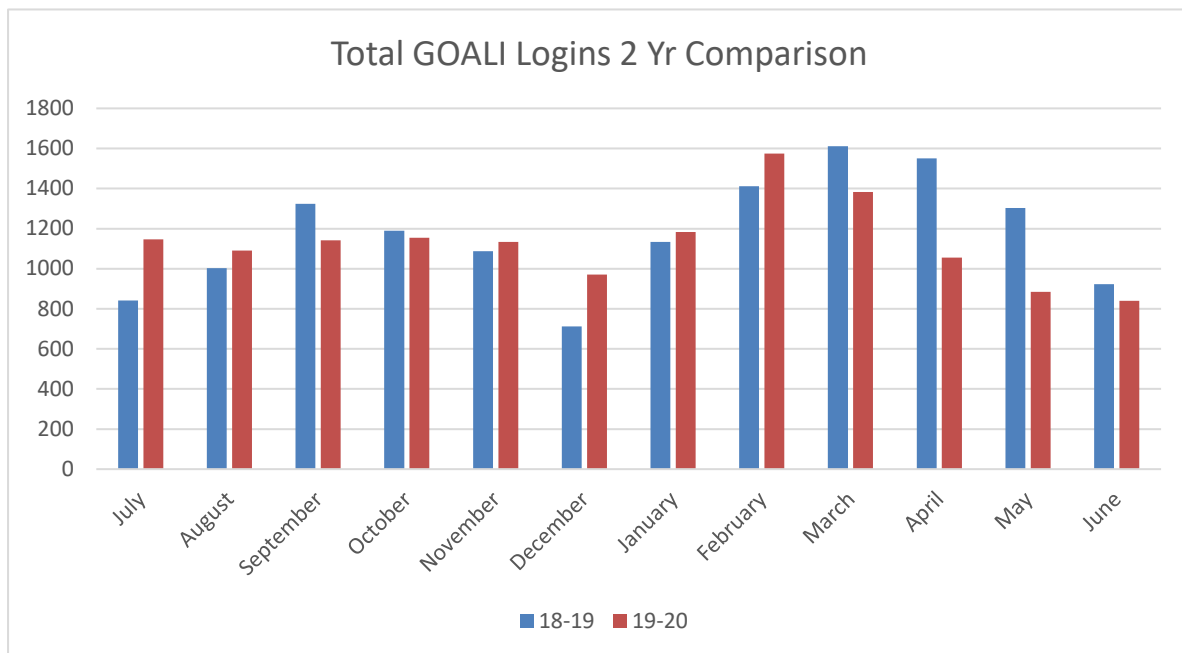
Note: A login is a session that begins when a user chooses OARE from the available programmes after logging in to Research4Life with his/her institution's username and password and ends by either a logout or a timeout.

ARDI Usage Statistics



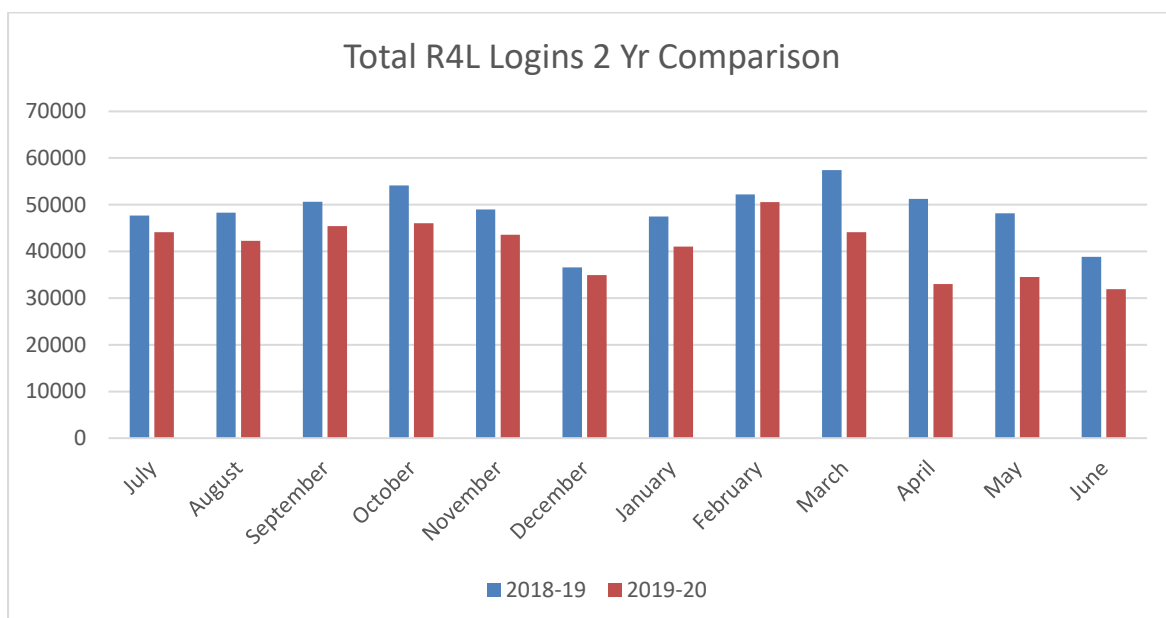
Note: A login is a session that begins when a user chooses ARDI from the available programmes after logging in to Research4Life with his/her institution's username and password and ends by either a logout or a timeout.

GOALI Usage Statistics



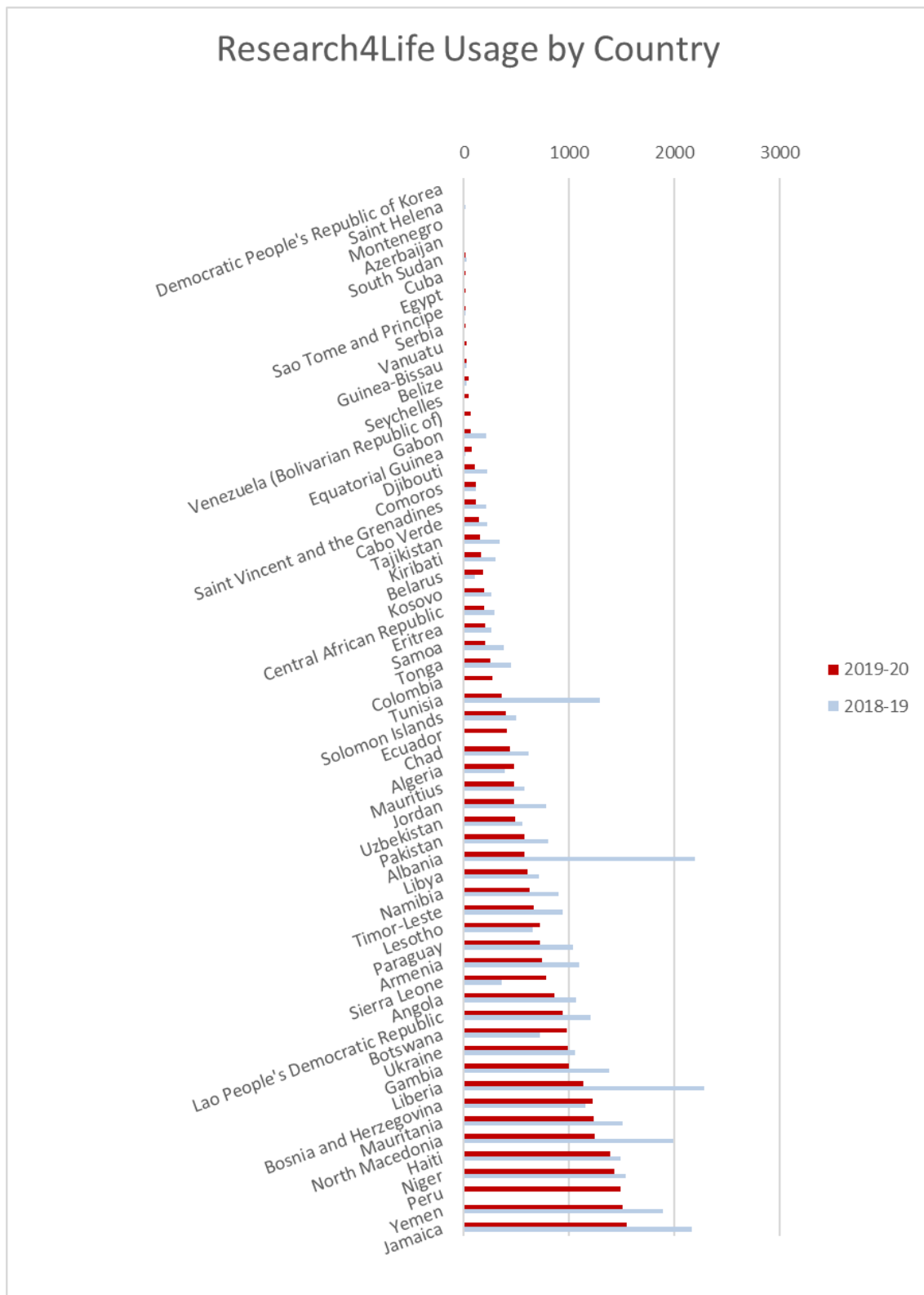
Note: A login is a session that begins when a user chooses GOALI from the available programmes after logging in to Research4Life with his/her institution's username and password and ends by either a logout or a timeout.

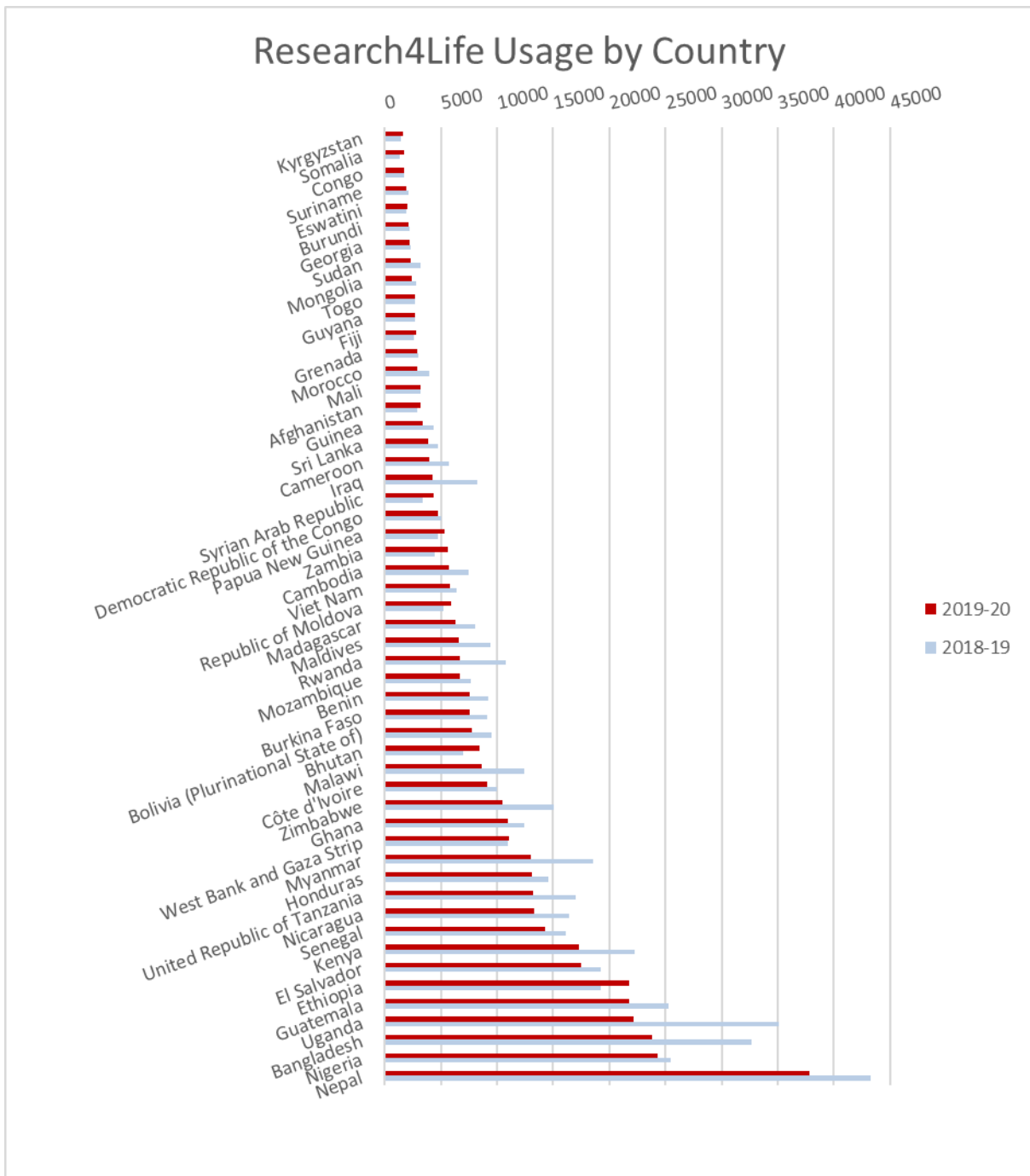
Research4Life Usage Statistics



Note: A login is a session that begins when a user chooses one from the available programmes after logging in to Research4Life with his/her institution's username and password and ends by either a logout or a timeout.

Research4Life Country Total Usage Statistics (last 12 Months)





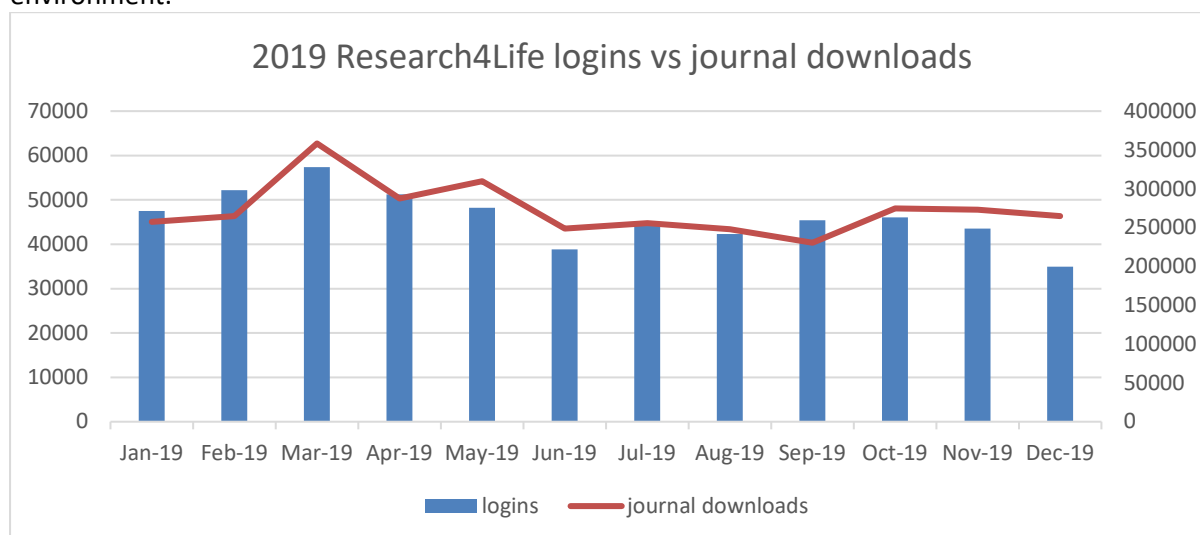
Statistics discussion

After we had just achieved a stabilization of our usage attrition last year, it is sad to see a year where the pattern drops again. This is not solely due to the effects of COVID-19 on usage, as year on year monthly dips were showing well before the significant drops that appeared in March. However for Research4Life overall, the February usage was almost equal to the prior year, which suggest we might have been preparing for a usage rebound at that point, perhaps thanks to the MOOC courses. And for the two “youngest” programmes, there is a nice increase in usage that was showing before March 2020.

The average per institution use when there is an IP-based login at an institution is 182 logins per year and when there is no IP-based login in use at an institution, the average is 129 logins per year. As

might be expected, IP-based login counts dropped even more than overall usage beginning in March. Usage of the 8 months until Feb 2020 averaged 150 logins for IP-based vs 90 logins per institution without IP-based functionality. To compensate – an effort to provide temporary accounts to users away from their campuses resulted in an average per institution use of these temporary accounts of 40 logins for the year with the usage beginning only in the final 4 months– which is an encouraging benefit for the time-investment required by that work.

This year, we experimented with requesting journal download statistics from a small set of our publisher partners, for comparison with the login patterns that we can see from our authentication environment.



While not following the login pattern exactly, particularly toward the end of the year, there is some correlation to login usage. We received 2019 statistics from publishers representing 11 325 or 48% of the total number of journals in Research4Life, and extrapolated that usage across the full count of 2019 journals to reach a number of 3.27 million downloads from journals for the entire year.

Finally, even with the overall reduction in usage with the COVID-19 impact, the ability to consider usage change from year to year at a country level gives us a valuable tool for intervention and impact. The countries that had the largest “raw” growth in logins over the 12 prior months were: Ethiopia, Bhutan, Peru², Zambia and Syrian Arab Republic. If we look at what happened in those countries, we can consider how to replicate the pattern – so these are a profitable target for some case study exploration.

The countries with the steepest drop in “raw” logins were: Uganda, Bangladesh, Myanmar, Nepal, Kenya. What happened there? Bangladesh and Uganda, the usage dropped at least to 50% after March 2020 (and worse in the case of Uganda), Kenya and Myanmar had relatively lower use throughout the past year, with not such a major drop in the last few months. Nepal had relatively lower use throughout the past year with usage actually increasing the last few months. Just taking the case of Nepal, there was a boost 12 months ago that is now reverting to a more normal situation and we know there have been some training/orientation Research4Life webinars held in Nepal by our emeritus user representative Bhushan Yadav during lockdown. We know there are growing numbers of exclusions in Kenya, Bangladesh and Uganda. Have these played a role in usage reduction?

If we look at percentages instead of “raw” logins, Egypt, Equatorial Guinea, Serbia, Sierra Leone, Peru, Ecuador, Colombia, Venezuela (Bolivarian Republic of), Seychelles, Vanuatu, and Cuba were at the top of the list. Of these only Sierra Leone and Equatorial Guinea had significant amounts of usage the

² Peru became re-eligible in 2020, so their usage is impressive for only 6 months.

prior 12 months, so increases of usage for Egypt of 750% when the raw numbers are going from 2 logins to 17 are not quite so meaningful. Peru, Ecuador, Colombia and Cuba all are newly re-eligible in 2020, so their % increase reflects 0 usage in the prior snapshot, but also activeness in just the last 6 months.

Overall, the usage only declined a little despite COVID-19 constraints, which is a tribute to the hard work of everyone in the partnership and to the eagerness of our user community for evidence-based approaches to their professional activities.