

Treasurer's Report 2020

Introduction

This report details membership and subscription data for the calendar year end 2020. The 2020 fiscal year-end audit report will be posted online separately in the Fall of 2021, after the auditors have completed the annual process.

In 2020, the total number of IMS members increased. Subscriptions by institutions decreased this past year by 1% overall, but increased by 1% for IMS core journals. The financial status of the Institute continues to be stable and strong, and actions are in place to ensure its long-term stability. As of 2020, the IMS did not have negative effects to membership, subscriptions, or financials due to COVID-19. We continue to keep a close eye on these items in 2021 as many effects may not be felt until this year.

Details of the events of the past year, and membership, subscription and sales data, are given below.

Publications

The following is a list of all current IMS core, co-sponsored, supported and affiliated journals:

IMS Core Print/Electronic Publications

Annals of Applied Probability; Annals of Probability; Annals of Applied Statistics; Annals of Statistics; Statistical Science; IMS Monographs; IMS Textbooks; IMS Bulletin

Co-sponsored Print/Electronic Publications

Electronic Communications in Probability; Electronic Journal of Probability; Electronic Journal of Statistics; Journal of Computational and Graphical Statistics; NSF-CBMS Series in Probability and Statistics; Probability Surveys; Statistics Surveys

Supported Publications

ALEA: the Latin American Journal of Probability and Mathematical Statistics; Annales de l'Institut Henri Poincaré (B); Bayesian Analysis; Bernoulli journal; Bernoulli News; Brazilian Journal of Probability and Statistics

Affiliated Publications

Observational Studies; Probability and Mathematical Statistics; Stochastic Systems

Membership Data

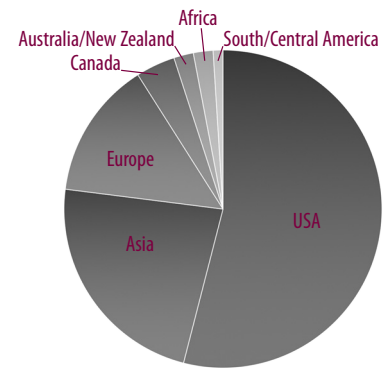
Table 1 presents the membership data back to 2016. Total individual paid membership in the Institute as of December 31, 2020 increased by 17% from December 31, 2019. This is largely due to an increase in student (non-paying) members. Paid membership decreased by 5%. The total number of paid IMS members in 2020 was 2,651. The IMS had its peak in paid membership in 2008 with 3,156 members. The IMS Executive Committee continues to look for ways to address our membership numbers.

TABLE 1: Membership, by Calendar Year

	2016	2017	2018	2019	2020	% change
Regular	1,565	1,447	1,384	1,397	1,397	0.0%
Life/Retired Life	541	563	613	617	614	-0.5%
Reduced Country/Retired/IMS China	337	370	331	704	577	-18.0%
New Graduate	113	213	76	70	63	-10.0%
Student	1,094	1,022	828	722	1,488	100.6%
Total	3,650	3,615	3,217	3,510	4,099	16.8%
Total excluding free members (students)	2,556	2,593	2,389	2,788	2,651	-4.9%

Geographic Distribution of Members.

The IMS membership is currently distributed as follows (see pie chart, right): 54% United States; 18% Asia; 14% Europe; 4% Canada; 2% Australia and New Zealand; 2% Africa; 1% South America, Mexico and the Caribbean.



Subscription Data

Selection of Journals by Members:

Print subscriptions by members continued to decrease in 2020, as expected, because members are opting to reduce their use of print while enjoying free electronic access to all journals. Members are charged actual cost for print copies of journals, so there is no net loss or gain to the bottom line from changes in print subscriptions by members.

Table 2 shows the current selection of print journals by members.

TABLE 2: Member subscriptions, by calendar year

PRINT (paid)	2016	2017	2018	2019	2020	% change
<i>Annals of Applied Probability</i>	68	61	54	46	30	-34.8%
<i>Annals of Probability</i>	75	68	57	50	34	-32.0%
<i>Annals of Applied Statistics</i>	107	91	87	83	49	-41.0%
<i>Annals of Statistics</i>	220	208	191	174	125	-28.2%
<i>Statistical Science</i>	386	382	387	325	226	-30.5%
Total	856	810	776	678	464	-31.6%

Joint Memberships: The IMS offers joint membership opportunities with: the Association for Computing Machinery (ACM), Applied Probability Society/ INFORMS (APS/INFORMS), Bernoulli Society (BS), Indian Society for Probability and Statistics (ISPS), International Chinese Statistical Association (ICSA), International Society for Bayesian Analysis (ISBA), International Statistical Institute + Bernoulli Society (ISI/BS), and New England Statistical Society (NESS).

Institutional Subscription Data: Table 3 presents comparative subscription data for institutions, to each of our scientific journals for 2020 and previous years. Almost all journals experienced slight subscription increases in 2020. Overall, institutional subscriptions decreased by 1.2%, mostly due to decreases in subscriptions to the *IMS Bulletin* which is free online. The increase to IMS core journals, specifically, was 1.2%. We continue to see usage of our bundled offerings, which are discounted on the whole. Approximately 60% of the institutional subscribers to IMS journals are in the USA and Canada, with the rest distributed throughout the world.

Book Sales Data

Table 4 presents sales data for IMS book

TABLE 3: Institutional paid subscriptions, by calendar year

PRINT	2016	2017	2018	2019	2020	% change
<i>Annals of Applied Probability</i>	580	558	537	519	527	1.5%
<i>Annals of Probability</i>	769	735	706	673	677	0.6%
<i>Annals of Applied Statistics</i>	349	341	341	343	358	4.4%
<i>Annals of Statistics</i>	962	929	906	861	855	-0.7%
<i>Statistical Science</i>	708	671	666	629	644	2.4%
<i>IMS Bulletin</i>	90	75	71	70	39	-44.3%
<i>Annals Inst Henri Poincaré (B)</i> ⁵	304	300	289	288	292	1.4%
<i>Bernoulli</i> ⁵	298	303	298	294	312	6.1%
<i>Brazilian J Probab Stat</i> ⁵	135	134	132	142	162	14.1%
Total	4,377	4,046	3,946	3,819	3,866	1.2%
Total IMS journals	3,368	3,234	3,156	3,025	3,061	1.2%

⁵ denotes IMS-supported journals.

TABLE 4: Total sales of IMS Monographs and IMS Textbooks

Book series	2016	2017	2018	2019	2020	TOTAL
<i>IMS Monographs</i> (6 vols to end of 2020)	4,115	4,214	2,414	1,253	1,443	17,667
<i>IMS Textbooks</i> (14 vols to end of 2020)	777	630	1,018	1,940	975	9,779
Total sales	4,892	4,844	3,432	3,193	2,418	27,446

series. In 2010, the IMS published its first volumes in a cooperative arrangement with Cambridge University Press to publish two series, *IMS Monographs* and *IMS Textbooks*. Sales of these volumes are going very well.

Financial and Audit Report

The fiscal year ended December 31, 2020. The external audit of the IMS will be completed shortly; the full auditor’s report will then be posted on the IMS website at

<https://www.imstat.org/council-reports-and-minutes/>.

Conclusion

The IMS Executive Committee has reviewed all data in this report. A long-term financial plan is already in place and the **IMS continues to be strong and stable financially.**

Zhengjun Zhang
IMS Treasurer



The 2021–22 IMS Executive Committee: in the top row, Past-President Regina Liu, President Krzysztof (Chris) Burdzy, President-Elect Peter Bühlmann, and in the bottom row, Executive Secretary Edsel Peña, Program Secretary Annie Qu, and IMS Treasurer Zhengjun Zhang