

Treasurer's Report 2014

Introduction

Jean Opsomer, IMS Treasurer, writes:

This report details membership and subscription data for calendar year end 2014. The 2014 fiscal year end audit report will be published separately in the Fall of 2015 after the auditors have completed the annual process.

In 2014, the total number of IMS paid members decreased, but the total number of members increased. Subscriptions by institutions also decreased this past year. **The financial status of the Institute continues to be stable**, and actions have been taken to ensure its long-term stability. 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, affiliated and supported journals:

IMS Core Print/Electronic Publications

Annals of Probability; Annals of Applied Probability; Annals of Statistics; Annals of Applied Statistics; Statistical Science; Current Index to Statistics; IMS Collections; 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

Annales de l'Institut Henri Poincaré (B); Bayesian Analysis; Bernoulli; Bernoulli News; Brazilian Journal of Probability and Statistics; Stochastic Systems

Affiliated Publications

ALEA: Latin American Journal of Probability and Mathematical Statistics; Probability and Mathematical Statistics

Membership Data

Total individual paid membership in the Institute as of December 31, 2014 decreased 4.9% from December 31, 2013. Table 1 (below) presents the membership data back to 2007.

TABLE 1: Membership, by Calendar Year

	2007	2008	2009	2010	2011	2012*	2013	2014	% change
Regular	2,266	2,179	2,045	1,970	1,863	1,792	1,737	1,616	-7.0%
Life/Retired Life	327	402	455	477	495	498	501	516	3.0%
Reduced Country/Retired/IMS China	430	633	606	399	401	395	369	364	-1.4%
New Graduate	129	122	158	149	113	112	110	87	-20.9%
Student	1,160	1,328	1,368	1,160	1,116	1,023	1,036	1,187	14.6%
Total	4,312	4,664	4,632	4,155	3,988	3,820	3,753	3,770	0.5%
Total excluding free members (students, and in 2008–9 IMS China)	3,152	3,156	3,084	2,995	2,872	2,797	2,717	2,583	-4.9%

* 2012 member figures contain some estimates

As can be seen, the paid membership reached a high of 3,156 in 2008 and has been decreasing since then. This trend is similar to that of other professional societies. Nevertheless, this is clearly an area of concern, and the IMS Executive Committee continues to look for ways to address this issue.

Geographic Distribution of Members: The IMS membership is currently distributed as follows: 62% United States; 18% Europe; 11% Asia; 4% Canada; 3% Australia and New Zealand; <2% South America, Mexico and the Caribbean; <1% Africa.

Selection of Journals by Members: Print subscriptions by members continued to decrease in 2014, 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 (overleaf) shows the current selection of journals by members.

The IMS offers joint membership opportunities with the following societies:

- Bernoulli Society (BS);
- International Statistical Institute/Bernoulli Society (ISI/BS);
- International Society for Bayesian Analysis (ISBA);
- Applied Probability Society/INFORMS (APS/INFORMS);
- Sociedad Latino Americana de Probabilidad y Estadística Matemática (SLAPEM).

Institutional Subscription Data

Table 3 (overleaf) presents comparative subscription data for institutions to each of our scientific journals for 2014 and previous years. Almost all journals experienced subscription decreases in 2014. Overall institutional subscriptions decreased by 4.8%. The decrease to IMS journals, specifically, was 3.1%. We are seeing increases in our bundled offerings which are discounted on the whole. Approximately 60% of the non-member subscribers to IMS journals are in USA and Canada, with the remaining subscribers distributed throughout the world.

Book Sales Data

Tables 4 and 5 (overleaf) present sales data for all the IMS book series. In 2010 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.

Continues on page 14

Treasurer's Report continued

The *CBMS-NSF Regional Conference Series* published no new volumes in 2014. The *IMS Collections* series has seen very low sales, and has been formulated in order for the IMS to have minimal loss on these volumes. The *Lecture Notes–Monograph Series* ceased publication in 2009.

Financial and Audit Report

The fiscal year ended December 31, 2014. The external audit of the IMS will be completed in July 2015. The full audit report will appear in the *IMS Bulletin* in the Fall.

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. The decrease in institutional subscriptions is being felt across the market and is not unexpected. The IMS leadership began planning for these decreases over 10 years ago and has ensured that IMS resources are shored up to protect the long-term stability and growth of the society.

Jean Opsomer, Treasurer

TABLE 2: Member** subscriptions, by calendar year

PRINT (paid)	2007	2008	2009	2010	2011	2012	2013	2014	% change
AAP	497	428	382	280	197	126	84	100	19.0%
AOP	534	481	416	298	218	184	99	108	9.1%
AOAS	n/a	1,160	1,089	714	480	379	232	171	-26.3%
AOS	1,608	1,323	1,109	763	555	447	265	284	7.2%
STS	2,146	1,880	1,680	1,310	1,035	869	532	534	0.4%
Total	4,785	5,272	4,676	3,365	2,485	2,005	1,212	1,197	-1.2%

** Previously this information was reported as all members (including organizational), however data has been reformatted to show individual members only, to reflect the change in classification and to better view the current status of the data.

TABLE 3: Institutional paid subscriptions, by calendar year

PRINT	2007	2008	2009	2010	2011	2012	2013	2014	% change
AAP	700	636	680	684	645	687	632	600	-5.1%
AOP	977	900	948	967	901	908	839	795	-5.2%
AOAS	n/a	174	247	320	331	380	342	346	1.2%
AOS	1,227	1,118	1,154	1,158	1,127	1,132	1,008	985	-2.3%
STS	976	865	890	899	861	865	769	753	-2.1%
Bulletin	275	174	176	166	142	128	169	102	-39.6%
CIS	n/a	295	297	267	273	249	229	216	-5.7%
AIHP ^s	[174]	228	271	286	289	326	324	297	-8.3%
Bernoulli ^s	199	198	264	278	280	321	307	292	-4.9%
BJPS ^s	n/a	n/a	64	78	88	117	119	124	4.2%
Total	4,354	4,588	4,991	5,101	4,966	5,001	4,738	4,510	-4.8%
Total IMS journals	3,880	3,693	3,919	4,028	3,865	3,888	3,590	3,479	-3.1%

^s denotes IMS-supported journals. Numbers in [brackets] are prior to journal becoming IMS-supported.

TABLE 4: Total sales from the NSF-CBMS Regional Conference Series, the Lecture Notes–Monograph Series, and IMS Collections

	to 2007	2008	2009	2010	2011	2012	2013	2014	TOTAL
Total NSF-CBMS sales (8 volumes)	5,854	108	57	108	57	13	40	12	6,249
Total LNMS sales (58 volumes)	27,587	454	235	297	124	40	9	19	28,765
Total IMS Collections sales (10 volumes)	n/a	n/a	9	3	5	3	7	4	31

TABLE 5: Total sales of IMS Monographs [M] and IMS Textbooks [T]

Book, volume, year published	to 2007	2008	2009	2010	2011	2012	2013	2014	TOTAL
M1: Large-Scale Inference (2010)			n/a	660	586	789	556	358	2650
M2: Nonparametric Inference on Manifolds (2012)			n/a	n/a	n/a	299	19	52	370
M3: The Skew-Normal and Related Families (2013)			n/a	n/a	n/a	n/a	29	283	312
M4: Case-Control Studies (2014)			n/a	n/a	n/a	n/a	n/a	353	353
T1: Probability on Graphs (2010)			n/a	639	491	326	249	180	1885
T2: Stochastic Networks (2013)			n/a	n/a	n/a	n/a	387	439	826
T3: Bayesian Filtering and Smoothing (2014)			n/a	n/a	n/a	n/a	n/a	408	408
T4: Noise Sensitivity of Boolean Functions (2014)			n/a	n/a	n/a	n/a	n/a	60	60
T5: Surprising Mathematics of Longest Increasing Subsequences (2014)			n/a	n/a	n/a	n/a	n/a	6	6
Total Monographs & Textbooks sales	n/a	n/a	n/a	1,299	1,077	1,115	1,240	2,139	6870