

Treasurer's Report 2015

Introduction

This report details membership and subscription data for calendar year end 2015. The 2015 fiscal year end audit report will be published separately in the Fall of 2016 after the auditors have completed the annual process.

In 2015, 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, membership and subscription data, 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 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

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

Affiliated Publications

Probability and Mathematical Statistics

Membership Data

Total individual paid membership in the Institute as of December 31, 2015 decreased 1.3% from December 31, 2014. Table 1 presents the membership data back to 2008. As can be seen, the paid membership reached a high of 3156 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.

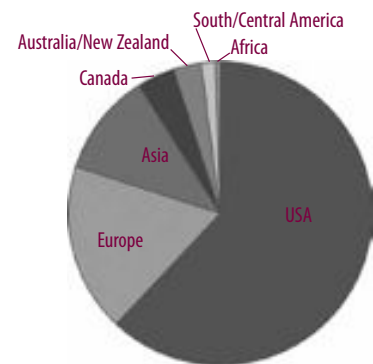
TABLE 1: Membership, by Calendar Year

	2008	2009	2010	2011	2012*	2013	2014	2015	% change
Regular	2,179	2,045	1,970	1,863	1,792	1,737	1,616	1,587	-1.8%
Life/Retired Life	402	455	477	495	498	501	516	528	2.3%
Reduced Country/Retired/IMS China	633	606	399	401	395	369	364	376	3.3%
New Graduate	122	158	149	113	112	110	87	58	-33.3%
Student	1,328	1,368	1,160	1,116	1,023	1,036	1,187	1,236	4.1%
Total	4,664	4,632	4,155	3,988	3,820	3,753	3,770	3,785	0.4%
Total excluding free members (students, and in 2008–9 IMS China)	3,156	3,084	2,995	2,872	2,797	2,717	2,583	2,549	-1.3%

* 2012 member figures contain some estimates

Geographic Distribution of Members.

The IMS membership is currently distributed as follows (see pie chart, right): 62% United States; 18% Europe; 11% Asia; 4% Canada; 3% Australia and New Zealand; <2% South America, Mexico and the Caribbean; <1% Africa.



Subscription Data

Selection of Journals by Members:

Print subscriptions by members continued to decrease in 2015, 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 (below) shows the current selection of print journals by members.

TABLE 2: Member** subscriptions, by calendar year

PRINT (paid)	2008	2009	2010	2011	2012	2013	2014	2015	% change
AAP	428	382	280	197	126	84	100	80	-20.0%
AOP	481	416	298	218	184	99	108	97	-10.2%
AOAS	1,160	1,089	714	480	379	232	171	141	-17.5%
AOS	1,323	1,109	763	555	447	265	284	262	-7.7%
STS	1,880	1,680	1,310	1,035	869	532	534	464	-13.1%
Total	5,272	4,676	3,365	2,485	2,005	1,212	1,197	1,044	-12.8%

** 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.

The IMS offers joint membership opportunities with: the Bernoulli Society (BS); International Statistical Institute/Bernoulli Society (ISI/BS); International Society for Bayesian Analysis (ISBA); and Applied Probability Society/INFORMS (APS/INFORMS).

Institutional Subscription Data

Table 3 (right) presents comparative subscription data for institutions to each of our scientific journals for 2015 and previous years. Almost all journals experienced subscription decreases in 2015. Overall institutional subscriptions decreased by 1.6%. The decrease to IMS journals, specifically, was 2.2%. We are continuing to see 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 (below) present sales data for all IMS book 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*.

TABLE 3: Institutional paid subscriptions, by calendar year

PRINT	2008	2009	2010	2011	2012	2013	2014	2015	% change
<i>AAP</i>	636	680	684	645	687	632	600	591	-1.5%
<i>AOP</i>	900	948	967	901	908	839	795	779	-2.0%
<i>AOAS</i>	174	247	320	331	380	342	346	368	6.4%
<i>AOS</i>	1,118	1,154	1,158	1,127	1,132	1,008	985	948	-3.8%
<i>STS</i>	865	890	899	861	865	769	753	717	-4.8%
<i>Bulletin</i>	174	176	166	142	128	169	102	96	-5.9%
<i>CIS</i>	295	297	267	273	249	229	216	199	-7.9%
<i>AIHP</i> ^s	228	271	286	289	326	324	297	305	2.7%
<i>Bernoulli</i> ^s	198	264	278	280	321	307	292	299	2.4%
<i>BJPS</i> ^s	n/a	64	78	88	117	119	124	135	8.9%
Total	4,588	4,991	5,101	4,966	5,001	4,738	4,510	4,437	-1.6%
Total IMS journals	3,693	3,919	4,028	3,865	3,888	3,590	3,479	3,403	-2.2%

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

Sales of these volumes are going very well.

The *NSF-CBMS Regional Conference Series* published no new volumes in 2015. The *IMS Collections* series and the *IMS Lecture Notes-Monograph Series* have ceased publication.

Financial and Audit Report

The fiscal year ended December 31, 2015. The external audit of the IMS will have been completed in July 2016.

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 decreases 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, IMS Treasurer

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

	to 2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Total NSF-CBMS sales (9 volumes)	5,962	57	108	57	13	40	12	5	6,254
Total LNMS sales (58 volumes)	28,041	235	297	124	40	9	19	15	28,780
Total IMS Collections sales (10 volumes)	n/a	9	3	5	3	7	4	4	35

TABLE 5: Total sales of IMS Monographs and IMS Textbooks

Book	to 2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
IMS Monographs (four volumes published so far, in 2010, 2012, 2013 and 2014)	n/a	n/a	660	586	789	604	1046	543	4,228
IMS Textbooks (six volumes published to date, in 2010, 2013, 2014, 2014, 2014 and 2015)	n/a	n/a	639	491	326	636	1093	1254	4,439
Total Monographs & Textbooks sales	n/a	n/a	1,299	1,077	1,115	1,240	2,139	1,797	8,667