

# Treasurer's Report 2016

## Introduction

This report details membership and subscription data for calendar year end 2016. The 2016 fiscal year end audit report will be published separately in the Fall of 2017 after the auditors have completed the annual process.

In 2016, the total number of IMS paid members increased, but the total number of members decreased. This is because student members pay no dues and their numbers were down last year. Subscriptions by institutions also decreased this past year. The financial status of the Institute continues to be stable, and actions are in place 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 Applied Probability; Annals of Probability; Annals of Applied Statistics; Annals of 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, 2016 increased 0.3% from December 31, 2015. Table 1 presents the membership data back to 2010. The IMS had a peak in paid membership 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 Executive Committee continues to look for ways to address this issue.

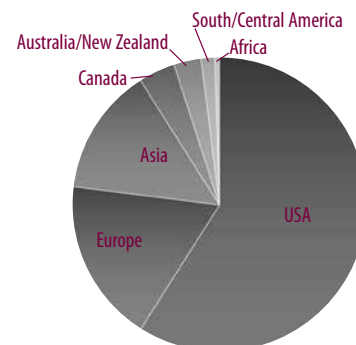
TABLE 1: Membership, by Calendar Year

	2010	2011	2012*	2013	2014	2015	2016	% change
<b>Regular</b>	1,970	1,863	1,792	1,737	1,616	1,587	1,565	-1.4%
<b>Life/Retired Life</b>	477	495	498	501	516	528	541	2.5%
<b>Reduced Country/Retired/IMS China</b>	399	401	395	369	364	376	337	-10.4%
<b>New Graduate</b>	149	113	112	110	87	58	113	94.8%
<b>Student</b>	1,160	1,116	1,023	1,036	1,187	1,236	1,094	-11.5%
<b>Total</b>	4,155	3,988	3,820	3,753	3,770	3,785	3,650	-3.6%
<b>Total excluding free members (students, and in 2008–9 IMS China)</b>	2,995	2,872	2,797	2,717	2,583	2,549	2,556	0.3%

\* 2012 member figures contain some estimates

## Geographic Distribution of Members.

The IMS membership is currently distributed as follows (see pie chart, right): 59% United States; 18% Europe; 14% 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 2016, 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)	2010	2011	2012	2013	2014	2015	2016	% change
<b>AAP</b>	280	197	126	84	100	80	68	-15.0%
<b>AOP</b>	298	218	184	99	108	97	75	-22.7%
<b>AOAS</b>	714	480	379	232	171	141	107	-24.1%
<b>AOS</b>	763	555	447	265	284	262	220	-16.0%
<b>STS</b>	1,310	1,035	869	532	534	464	386	-16.8%
<b>Total</b>	3,365	2,485	2,005	1,212	1,197	1,044	856	-18.0%
<b>Members setting up electronic access to IMS journals</b>	1,761	1,435	1,572	1,294	1,234	1,226	1,183	-3.5%

The IMS offers joint membership opportunities with: the Bernoulli Society (BS); International Chinese Statistical Association (ICSA); 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 2016 and previous years. Almost all journals experienced subscription decreases in 2016. Overall institutional subscriptions decreased by 1.4%. The decrease to IMS journals, specifically, was 1.0%. 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

TABLE 3: Institutional paid subscriptions, by calendar year

PRINT	2010	2011	2012	2013	2014	2015	2016	% change
<i>AAP</i>	684	645	687	632	600	591	580	-1.9%
<i>AOP</i>	967	901	908	839	795	779	769	-1.3%
<i>AOAS</i>	320	331	380	342	346	368	349	-5.2%
<i>AOS</i>	1,158	1,127	1,132	1,008	985	948	962	1.5%
<i>STS</i>	899	861	865	769	753	717	708	-1.3%
<i>Bulletin</i>	166	142	128	169	102	96	90	-6.3%
<i>CIS</i>	267	273	249	229	216	199	182	-8.5%
<i>AIHP</i> <sup>5</sup>	286	289	326	324	297	305	304	-0.3%
<i>Bernoulli</i> <sup>5</sup>	278	280	321	307	292	299	298	-0.3%
<i>BJPS</i> <sup>5</sup>	78	88	117	119	124	135	135	0.0%
<b>Total</b>	<b>5,101</b>	<b>4,966</b>	<b>5,001</b>	<b>4,738</b>	<b>4,510</b>	<b>4,437</b>	<b>4,377</b>	<b>-1.4%</b>
<b>Total IMS journals</b>	<b>4,028</b>	<b>3,865</b>	<b>3,888</b>	<b>3,590</b>	<b>3,479</b>	<b>3,403</b>	<b>3,368</b>	<b>-1.0%</b>

<sup>5</sup> denotes IMS-supported journals. Numbers in [brackets] are prior to journal becoming IMS-supported.

series, *IMS Monographs* and *IMS Textbooks*. Sales of these volumes are going very well. The *NSF-CBMS Regional Conference Series* published no new volumes in 2016. The *IMS Collections* series and the *IMS Lecture Notes-Monograph Series* have ceased publication.

### Financial and Audit Report

The fiscal year ended December 31, 2016. The external audit of the IMS will be completed in August 2017.

The full auditor's 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 12 years ago and has ensured that IMS resources are shored up to protect the long-term stability and growth of the society.

Zhengjun Zhang  
IMS Treasurer

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

	to 2009	2010	2011	2012	2013	2014	2015	2016	TOTAL
<b>Total NSF-CBMS sales (9 volumes)</b>	6,019	108	57	13	40	12	5	1	<b>6,255</b>
<b>Total LNMS sales (58 volumes)</b>	28,276	297	124	40	9	19	15	9	<b>28,789</b>
<b>Total IMS Collections sales (10 volumes)</b>	9	3	5	3	7	4	4	1	<b>36</b>

TABLE 5: Total sales of IMS Monographs and IMS Textbooks

Book	to 2009	2010	2011	2012	2013	2014	2015	2016	TOTAL
<b>IMS Monographs (six volumes published to date)</b>	n/a	660	586	789	604	1046	543	4,115	<b>8,343</b>
<b>IMS Textbooks (six volumes published to date)</b>	n/a	639	491	326	636	1093	1254	777	<b>5,216</b>
<b>Total Monographs &amp; Textbooks sales</b>	n/a	<b>1,299</b>	<b>1,077</b>	<b>1,115</b>	<b>1,240</b>	<b>2,139</b>	<b>1,797</b>	<b>4,892</b>	<b>13,559</b>