

**REPORT OF THE SECRETARY-TREASURER OF THE  
INSTITUTE FOR 1950**

At the beginning of 1950 the Institute had 1164 members and during the period covered by this report 129 new members (6 of whom were appointed to membership by Institutional Members) joined the Institute and 19 were reinstated. During 1950 the Institute lost 73 members of which 26 were by resignation, 46 were cancelled for non-payment of dues, and one member was deceased. Judging from the information available at this date, the Institute will have 1239 members as it starts 1951.

During the year, a list of statisticians in countries outside of the United States, compiled by the Committee to Encourage Membership outside the United States headed by T. W. Anderson, was solicited for membership by this office. Thirty-three of the new members were obtained primarily because of this solicitation, and it is possible that some few additional membership applications may still result from this campaign.

Meetings of the Institute held during 1950 included those at Chapel Hill, North Carolina on March 17-18; at Chicago, Illinois on April 28-29; at Berkeley, California on August 5; and at Chicago on December 27-29, 1950. The Secretary wishes to call attention to the excellent work of Professor W. G. Madow, Program Chairman for the December, 1950 annual meeting and of the members who served as Assistant and Associate Secretaries at these meetings: Professor Herbert E. Robbins at Chapel Hill; Professor K. J. Arnold at Chicago in April and December; and Professor L. J. Savage at Chicago.

The following Fellows served as members of the Committee on Fellows: Henry Scheffé, Chairman, T. W. Anderson, M. A. Girshick, E. L. Lehmann, H. E. Robbins, and F. F. Stephan.

**INSTITUTE OF MATHEMATICAL STATISTICS  
Statement of Condition  
December 31, 1950**

ASSETS			
Bank .....			\$3,569.24
Dues Receivable .....			95.00
Subscriptions Receivable .....			897.20
U.S. Government Bonds .....			4,888.00
			\$9,449.44
LIABILITIES AND RESERVES			
Amount Due to Printer .....	\$2,145.00		
Withholding Tax Payable .....	106.20		
Miscellaneous Liabilities .....	75.25		\$2,326.45
			345.00
Reserve for Dues Advanced .....	345.00		
Reserve for Subscriptions Advanced .....	2,159.66		
Reserve for Life Members .....	2,757.50		5,262.16
			\$7,588.51
Total Liabilities and Reserves .....			1,860.83
*Surplus (Excess of Assets over Liabilities) .....			\$9,449.44

\* Surplus is not adjusted for inventory of back issues estimated at a nominal value of \$17,621.00 (67¢ per issue).

Neither is the surplus adjusted for the reserve for reprinting back issues. There are four issues of which we have less than 25 copies on hand that will have to be printed early in 1951 at an estimated cost of \$1,300, and there are four other issues of which we have between 26 and 50 copies which will probably have to be reprinted later in the year.

Revenue and Expense Statement  
For the year ending December 31, 1950

*Revenues*

Dues Revenue .....	\$9,087.70	
Subscriptions Revenue .....	3,875.48	
Sale of Back Issues .....	5,465.81	
Interest Earned on Bonds .....	100.00	
Miscellaneous Revenue .....	124.94	\$18,653.93

*Expenses*

Printing of <i>Annals</i> Current .....	\$8,774.81	
Reprinting of Back Issues .....	1,313.20	
Salary Expense .....	3,000.00	
Miscellaneous Printing of Stationery and Postage .....	891.77	
Contributions to American Mathematical Society .....	244.13	
Miscellaneous Office Expense .....	229.55	
Editorial Expense .....	200.00	
Meeting Expense .....	77.45	
Binding Expense .....	35.00	\$14,765.91

Excess of Revenues over Expenses .....	\$ 3,888.02
Excess of Liabilities over Assets December 31, 1949 .....	2,027.19

Excess of Assets over Liabilities December 31, 1950 .....	\$ 1,860.83
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It has been our practice to set up an amount equal to all life membership payments as a liability and to hold all these funds in reserve until the death of the member—after which his payment is released to the general fund. There were no new life membership payments during 1950 nor were there any deaths among life members. The total number of members therefore remains as 32.

In the last annual report, the membership was advised that the accounting system of the Institute was going to be completely re-organized and placed on a modern basis. The form of the preceding report results from this change. We no longer take credit for prepaid dues and subscriptions for the coming year in our report of revenue and expenses for the year just closed. We have followed the advice of our accounting consultants in not including among our assets the very non-liquid inventory of back issues of the *Annals*.

During 1950, we had a remarkable sale of back issues amounting to \$5465.81, an increase of approximately \$2100 over the previous year and \$2500 over 1948. Furthermore, we reprinted only four issues during the year, whereas we reprinted twelve issues in each of the two preceding years. This extremely favorable conjunction of items more than compensated for the excess of our normal

operating cost over our normal operating income from dues and subscriptions. It is very unlikely that such a situation will prevail again, at least in the immediate future. The present international situation will probably cut our back number sales appreciably. Furthermore, we now have twelve issues in relatively short supply which may have to be reprinted in 1951. We were fortunate in 1950, but it would be expecting too much to count on a windfall from back numbers to take up the slack resulting from inadequate dues and subscription rates.

CARL H. FISCHER  
*Secretary-Treasurer*

December 20, 1950

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### REPORT OF THE EDITOR OF THE ANNALS FOR 1950

The past year has seen a new editorial organization for the *Annals* instituted. The Constitution of the Institute of Mathematical Statistics adopted in 1948 provides for the election of Associate Editors by the Council. In the new organization, the Associate Editors not only collaborate with the Editor on matters of policy but also assume a large share of the responsibility for consideration of manuscripts submitted to the *Annals*. In establishing policy and procedure, the Editorial Committee has relied heavily on the study made by the Committee on Editorial Policy of the *Annals*.

The Editorial Committee wishes to acknowledge the cooperation of the previous Editor, S. S. Wilks, in the inauguration of the new editorship. The front cover of the *Annals* now bears recognition of Professor Wilks' accomplishments during his twelve years as Editor of the *Annals*, in accordance with the resolution passed by the Institute of Mathematical Statistics at its 1949 membership meeting.

The 1950 volume of the *Annals* contained 56 papers of which 22 were notes. The number of pages printed, 624, was about the same as in the several preceding years. The need for an increased number of pages for the *Annals* continues. Unfortunately, during the past year the cost of printing has risen approximately 10%. It is unavoidable that the budget for the *Annals* be increased.

"Fundamental Limit Theorems of Probability Theory" by M. Loève, published in the September, 1950, issue, was the first paper invited by the Special Invited Papers Committee. It is expected that by the invitation of this committee more expository and review papers will be provided for the *Annals*.

On behalf of the Editorial Committee, the Editor takes this opportunity to acknowledge the generous refereeing assistance of the following: F. C. Andrews, F. J. Anscombe, Kenneth Arrow, E. W. Barankin, Robert Bechhofer, Agnes Berger, Z. W. Birnbaum, C. Blyth, Albert Bowker, D. G. Chapman, H. Chernoff, Randal H. Cole, Allen T. Craig, C. C. Craig, D. A. Darling, W. J. Dixon, H. F. Dodge, S. G. Ghurye, H. R. J. Grosch, Frank E. Grubbs, Leon Herbach, J. L. Hodges, Jr., W. Hoeffding, E. L. Kaplan, J. L. Kelley, William Kruskal,