## **ACTUARIAL NOTE**

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## DISTRIBUTION OF MEDICARE BENEFIT DISBURSEMENTS BY TYPE

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The data on benefit disbursements of the two portions of the Medicare program—Hospital Insurance (HI) and Supplementary Medical Insurance (SMI)—are shown on a cash basis in financial statements issued by the Treasury Department (and are published monthly in the Social Security Bulletin). Such data, however, indicate only total disbursements in the aggregate and are not subdivided by type of benefit. Proper analysis of Medicare benefit experience should be done by considering the data on an accrued or incurred basis, rather than on a cash-outgo basis. Nonetheless it may be of interest and value to present estimates of the latter kind of data according to type of benefit.

Such data are presented in Table 1 for the HI program and in Table 2 for the SMI program, for fiscal years 1967 through 1971 and for calendar years 1966 through 1970. The total benefit disbursements shown are the actual-experience data for fiscal years 1967 through 1969 and for calendar years 1966 through 1969, with the data for the later years being estimates (those for fiscal years 1970 and 1971 being as shown in the Budget Document for Fiscal Year 1971).

In considering the SMI data, it should be recognized that there are certain significant limitations in the data by type of benefit. For one thing, the benefits are classified according the the principal provider of the services, as indicated by each individual bill. Thus, for example, a considerable amount of services rendered by independent laboratories are not shown under this category, but rather are included with physician benefits.

Another serious limitation in the SMI data is that they do not indicate the effect of services rendered which went toward meeting the \$50 deductible (and thus made benefits possible). Accordingly, the distribution of SMI benefits by type may be somewhat affected by haphazard elements, such as which provider of services presents and/or files the claim first. For instance, if an individual had \$50 of physician services and \$50 of outpatient hospital services, the benefit payment would amount to \$40, regardless of which of the two claims was filed first. However, the benefit payment would be listed under the category for which the claim was filed second, because the first claim would merely go toward meeting the deductible.

Table 1 ESTIMATED HOSPITAL INSURANCE BENEFIT DISBURSEMENTS, BY TYPE (in millions)

Type of Benefit <sup>a</sup>	1966	1967	1968	1969	1970	1971			
		By Fiscal Years <sup>b</sup>							
Inpatient Hospital	*	\$2,394	\$3,333	\$4,170	\$4,829	\$5,753			
Extended Care Facility	*	97	344	367	425	506			
Home Health Services	*	13	36	48	56	66			
Outpatient Diagnostic <sup>e</sup>	*	5	8	e	e	•			
Total	*	2,508	3,720	4,585	5,310	6,325			
Retroactive R&P <sup>a</sup>	*		+16	+69	85	_			
Net Total	*	2,508	3,736	4,654	5,225	6,325			
		By Calendar Years <sup>b</sup>							
Inpatient Hospital	\$899	\$3,034	\$3,732	\$4,323	\$5,292	**			
Extended Care Facility	,	282	354	380	465	**			
Home Health Services	1	29	42	50	61	**			
Outpatient Diagnostic <sup>e</sup>	1	8	3	e	e	**			
Total	891	3,353	4,131	4,753	5,818	**			
Retroactive R&P <sup>4</sup>			+48	-48		_			
Net Total	891	3,353	4,179	4,705	5,818	**			

<sup>\*</sup>Program went into effect in FY 1967.

\*\*Not available.

\*Benefits classified by principal provider of services.

\*Data on total disbursements is actual experience for CY 1966-69 and for FY 1967-69 and estimated for other years. Data on distribution of total disbursements by type is estimated for all years.

\*Includes only non-physician services.

\*Includes only benefits for services billed directly by provider (i.e. not when billed through physician).

\*Less than \$500,000.

Table 2 ESTIMATED DISTRIBUTION OF SMI BENEFIT DISBURSEMENTS, BY TYPE (in millions)

Type of Benefit <sup>a</sup>	1966	1967	1968	1969	1970	1971		
		By Fiscal Years <sup>b</sup>						
Physician	*	\$ 630	\$1,307	\$1,557	\$1,690	\$1,885		
Home Health	*	7	19	29	36	39		
Outpatient Hospital <sup>e</sup>	*	11	34	63	69	77		
Independent Laboratory <sup>d</sup>	*	4	7	7	8	9		
Other	*	12	39	58	61	68		
Total	*	664	1,406	1,714	1,864	2,078		
Retroactive R&P°	*	—	16	69	+85	_		
Net Total	*	664	1,390	1,645	1,949	2,078		
		By Calendar Years <sup>b</sup>						
Physician	\$122	\$1,122	\$1,436	\$1,616	\$1,778	**		
Home Health	1	15	22	36	40	**		
Outpatient Hospital <sup>c</sup>	2	26	47	72	80	* *		
Independent Laboratory <sup>d</sup>	1	6	7	8	9	**		
Other	2	28	54	58	64	**		
Total	128	1,197	1,566	1,790	1,971	**		
Retroactive R&P°		<del></del> .	48	+48		. —		
Net Total	128	1,197	1,518	1,838	1,971	**		

<sup>\*</sup>Program went into effect in FY 1967.

\*\*Not available.

Benefits classified by principal provider of services.

Data on total disbursements is actual experience for CY 1966-69 and for FY 1967-69 and estimated for other years. Data on distribution of total disbursements by type is estimated for all years.

Includes only non-physician services.

Includes only benefits for services billed directly by provider (i.e. not when billed through physician).

This item indicates the effect of SMI costs for the physician component of inpatient radiology and pathology services in certain combined-billing hospitals first being paid by the HI program (beginning April 1968), without current transfers to so reimburse (which has been done beginning with October 1969).