Age Differences in Health Care Spending, Fiscal Year 1974

by MARJORIE SMITH MUELLER and ROBERT M. GIBSON*

This study of health care spending in fiscal year 1974 reveals that, of the \$90.3 billion spent by the Nation for personal health care, 15 percent was spent for the young (under age 19), 56 percent for persons 19-64, and 30 percent for those aged 65 and over. The aged individual had the largest per capita medical bill, \$1,218; the bill was \$420 for a person in the intermediate age group and \$183 for a young person Third-party payments-by government, private health insurance, philanthropy, and industry-accounted for almost two-thirds of health expenditures for both the aged and those under age 65. Public funds alone paid for nearly 30 percent of personal health care spending for the two younger groups and 60 percent for the aged As in 1973, Medicare met 38 percent of the health bill for the oldest group. The average direct payment rose \$3 (to \$117) for persons under age 65 and reached \$415 (\$26 higher than in 1973) for the aged.

AGE HAS a direct relationship with what goes into the Nation's medical bill and the magnitude of medical or health care expenditures. These relationships are examined by type of service and source of funds, for persons in three age groups—persons under age 19, aged 19–64, and aged 65 and over. Age differences in spending under both public and private programs are given for fiscal years 1972, 1973, and 1974. Trends are estimated from 1966—the year immediately preceding the advent of Medicare—to the present.

EXPENDITURES IN 1974

An estimated \$90.3 billion was spent by the Nation for personal health care in fiscal year 1974 (table 1). Included in personal health care expenditures are all payments for health care services and supplies received by individuals—almost

87 percent of total national health expenditures. Excluded are expenditures for: medical research and medical facilities construction, public health activities (disease prevention and control), fundraising activities of philanthropic organizations, and administration of several government programs. The \$2.9 billion net cost of private insurance—the difference between premiums paid and benefit payments received—is also excluded since it is not regarded as an expenditure for personal health care.

Although the number of persons in the group aged 65 and over was only one-fifth of the number in the group aged 19-64, the health expenditures of the oldest group were close to half those of the intermediate age group, as the percentage distribution in the tabulation that follows shows.

Age	Hea expend		Population			
6-	1973	1974	1973	1974		
All ages	100 0	100 0	100 0	100 0		
Under 19	15 2 55 6 29 2	14 9 55 6 29 5	34 7 55 3 10 0	34 1 55 7 10 2		

Persons under age 19—a little over a third of the total population—had only 15 percent of the estimated \$90.3 billion total health expenditures and about half the expenditures for the aged. The more frequent and costlier illnesses of the aged are reflected in these figures. Persons aged 65 and over are more than four times as likely to be limited in activity because of chronic health conditions than those under age 65.2 The aged are hospitalized at a rate that is more than two and a half times the rate of persons under age 65, and their average length of stay is almost twice that of such persons.³

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¹ For estimates of the Nation's health spending in fiscal year 1974 and in previous years, see Nancy L Worthington, "National Health Expenditures, 1929-74," Social Security Bulletin, February 1975.

² National Center for Health Statistics, Limitation of Activity and Mobility Due to Chronic Conditions, United States—1972 (Series 10, No. 96, Vital and Health Statistics), 1974, tables 25 and 26

³ Unpublished data from National Center for Health Statistics, Hospital Discharge Survey, 1973.

Table 1.—Estimated personal health care expenditures, by type of expenditure and source of funds, for three age groups, fiscal years 1972-74

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_		All ages			Under 19			19-64	·	(35 and over	
Type of expenditure	Total	Private	Public	Total	Private	Public	Total	Private	Public	Total	Private	Public
		1972										
Total	\$74,688	\$47,738	\$26,949	\$11,531	\$8,246	\$3,283	\$41,510	\$30,586	\$10,924	\$21,649	\$8,905	\$12,742
Hospital care Physicians' services. Dentists' services Other professional services Drugs and drug sundries Eyeglasses and appliances Nursing-home care Other health services	8,233	15,142 12,793 5,066 1,382 7,620 1,800 3,395 540	17,578 3,638 277 252 613 77 2,465 2,051	3,504 3,594 1,189 359 1,615 311 146 813	1,771 3,178 1,089 300 1,518 297 93	1,733 416 100 59 97 14 53 813	19,400 9,222 3,779 915 4,698 1,165 733 1,598	11,739 8,053 3,632 819 4,413 1,107 303 520	7,661 1,169 147 96 285 58 430 1,078	9,816 3,615 375 360 1,920 402 4,981 180	1,632 1,562 345 263 1,689 396 2,998 20	8,184 2,053 30 97 231 6 1,983 160
		1973										
Total	\$81,859	\$51,886	\$29,972	\$12,486	\$8,912	\$3,575	\$45,495	\$33,343	\$12,153	\$23,877	\$9,633	\$14,244
Hospital care	17,518 5,767 1,803 8,942 1,985	17,274 13,535 5,456 1,478 8,272 1,905 3,386 580	18,900 3,983 311 325 671 80 3,264 2,440	3,902 3,825 1,283 396 1,748 326 166 840	1,959 3,375 1,173 325 1,654 314 112	1,943 450 110 71 94 12 54 840	21,420 9,839 4,082 1,010 5,130 1,235 831 1,948	- 13,334 8,482 3,912 876 4,806 1,172 201 560	8,086 1,357 170 134 324 63 630 1,388	10,852 3,854 402 397 2,064 425 5,653 230	1,984 1,676 371 278 1,812 419 3,073	8,8f8 2,178 31 119 252 6 2,580 210
						197	4 1					,
Total	\$90,281	\$56,028	\$34,253	\$13,416	\$9,805	\$3,611	\$50,189	\$35,626	\$14,561	\$26,678	\$10,597	\$16,082
Hospital care. Physicians' services. Dentists' services Other professional services Drugs and drug sundries Eyeglasses and appliances. Nursing-home care Other health services.	19,000 6,200 1,990 9,695 2,153 7,450	18,972 14,476 5,858 1,629 8,900 2,065 3,504	21,928 4,524 342 361 795 88 3,946 2,268	4,477 4,141 1,389 438 1,883 354 186 548	2,286 3,648 1,260 371 1,778 341 121	2,191 493 129 67 105 13 65 548	23,868 10,869 4,383 1,134 5,552 1,339 931 2,113	14,154 9,087 4,200 980 5,167 1,270 163 605	9,714 1,782 183 154 385 69 768 1,508	12,556 3,990 429 418 2,260 461 6,333 231	2,532 1,740 398 277 1,956 454 3,220 20	10,024 2,250 31 141 305 7 3,113 211

¹ Preliminary estimates

Total personal health care expenditures rose 10.3 percent in fiscal year 1974 from the previous year's total. The fastest growth occurred in the group aged 65 and over-11.7 percent, compared with 10.3 percent in the intermediate age group and 7.4 percent for the younger age group. In 1973, the 10.3-percent rise for the older group was also the greatest; the increases were 9.6 percent and 8.3 percent, respectively, for the young and intermediate age groups. For both periods the differentials reflect the higher utilization by the aged of hospital care, which is more expensive than out-of-hospital care. The acceleration of the rate of increase in 1974 was largely a function of the ending of price controls in the health care industry as of the end of April 1974. The decrease in utilization by the young, however, had a tempering effect on the growth of expenditures for that age group.

The per capita expenditure for personal care

for all persons was \$420 in fiscal year 1974 (table 2). The aged spent, on the average, almost three times that amount—\$1,218, a figure that in turn was almost seven times the average health care cost of persons under age 19. Per capita expenditures were 8.8 percent higher for the aged than they were in 1973. For the young and intermediate age groups the increases were 8.6 percent and 8.7 percent, respectively.

Source of Funds

Total personal health care expenditures continue to be paid largely from private sources, although the public sector share edged up slightly in 1974. Private payments accounted for 62 percent of expenditures, in comparison with 63 percent in 1973. For each of the age groups, the

Table 2 —Estimated per capita personal health care expenditures, by type of expenditure and source of funds, for three age groups, fiscal years 1972-74

Mana of any and there		All ages			Under 19			19-64		65 and over		
Type of expenditure	Total	Private	Public	Total	Private	Public	Total	Private	Public	Total	Private	Public
		1972										
Total	\$353 00	\$225 62	\$127 37	\$153 95	\$110 09	\$43 83	\$358 66	\$264 27	\$94 39	\$1,033 51	\$425 12	\$608 30
Hospital care Physicians' services Dentists' services Other professional services Drugs and drug sundries Eyeglasses and appliances Nursing-home care Other health services	27 70	71 57 60 46 23 94 6 53 36 01 8 51 16 05 2 55	83 08 17 19 1 31 1 19 2 90 36 11 65 9 69	46 78 47 98 15 87 4 79 21 56 4 15 1 95 10 85	23 64 42 43 14 54 4 01 20 27 3 97 1 24	23 14 5 55 1 34 79 1 30 19 71 10 85	167 62 79 68 32 65 7 91 40 59 10 07 6 33 13 81	101 43 69 58 31 38 7 08 38 13 9 56 2 62 4 49	66 19 10 10 1 27 83 2 46 50 3 72 9 31	468 61 172 58 17 90 17 19 91 66 19 19 237 79 8 59	77 91 74 57 16 47 12 56 80 63 18 90 143 12	390 70 98 01 1 43 4 63 11 03 29 94 67 7 64
						19	73					
Total	\$383 90	\$243 33	\$140 56	\$168 75	\$120 45	\$48 32	\$385 81	\$282 77	\$103 08	\$1,119 78	\$451 77	\$668 01
Hospital care. Physicians' services. Dentists' services. Other professional services. Drugs and drug sundries. Eyeglasses and appliances. Nursing-home care. Other health services.	82 15 27 05 8 46 41 94 9 31	81 01 63 48 25 59 6 93 38 79 8 93 15 88 2 72	88 64 18 68 1 46 1 52 3 15 38 15 31 11 44	52 74 51 69 17 34 5 35 23 62 4 41 2 24 11 35	26 48 45 61 15 85 4 39 22 35 4 24 1 51	26 26 6 08 1 49 96 1 27 16 73 11 35	181 65 83 44 34 62 8 57 43 51 10 46 7 05 16 52	113 08 71 93 33 18 7 43 40 76 9 95 1 70 4 75	68 57 11 51 1 44 1 14 2 75 52 5 34 11 77	508 93 180 74 18 85 18 62 96 80 19 93 265 11 10 79	93 05 78 60 17 40 13 04 84 98 19 65 144 12 94	415 89 102 14 1 45 5 58 11 82 28 121 00 9 85
						197	4 1					
Total	\$420 37	\$260 88	\$159 5 0	\$183 19	\$133 88	\$49 3 1	\$419 56	\$297 82	\$121 72	\$1,217 84	\$483 75	\$734 14
Hospital care_ Physicians' services_ Dentists' services_ Other professional services_ Drugs and drug sundries_ Eyeglasses and appliances_ Nursing-home care_ Other health services	28 87 9 27 45 14 10 02 34 69	88 34 67 40 27 28 7 59 41 44 9 62 16 32 2 91	102 10 21 06 1 59 1 68 3 70 41 18 37 10 56	61 13 56 54 18 97 5 98 25 71 4 83 2 54 7 48	31 21 49 81 17 20 5 07 24 28 4 66 1 65	29 92 6 73 1 76 91 1 43 18 89 7 48	199 53 90 86 36 64 9 48 46 41 11 19 7 78 17 66	118 32 75 96 35 11 8 19 43 19 10 62 1 36 5 06	81 20 14 90 1 53 1 29 3 22 58 6 42 12 61	573 18 182 14 19 58 19 08 103 17 21 04 289 10 10 55	115 58 79 43 18 17 12 64 89 29 20 72 146 99 91	457 59 102 71 1 42 6 44 13 92 32 142 11 9 63

¹ Preliminary estimates.

public's share of health care expenditures shifted slightly (chart 1). For the group under age 19 the share of expenditures that came from public funds declined from 29 percent in 1973 to 27 percent in 1974. Total public expenditures for this age group in 1974 are slightly understated, however, because expenditures for school health by State and local governments could not be identified separately as in previous years and are therefore omitted from the total.

The slight increase from 27 percent in 1973 to 29 percent in 1974 in the share of public funds expended for health care for the intermediate age group reflects in part several new programs for this group—principally family planning services under Medicaid (amounting to \$247 million in fiscal year 1974) and the new Medicare coverage for the disabled (including those with chronic kidney disease) with expenditures of \$797 million in 1974. For the aged the public share remained about the same—60 percent.

Government spending for health care purposes increased to \$34 billion in 1974, up 13 percent from the previous year (table 3). Federal spending rose at a faster rate than State and local expenditures-14 percent, compared with 11 percent. The biggest increase in Federal spending (25 percent) was for the 19-64 age group—a reflection of increased Medicaid spending and the Medicare coverage for the disabled. This rise was in contrast to the 12-percent increase for the group aged 65 and over and the growth of 6 percent for the young. State and local funds amounted to \$11 billion; the largest outlays from these sources were for the intermediate and older age groups, which showed increases of 13 percent and 17 percent, respectively, from the preceding year.

Government spending for all age groups continued to be shared in about the same proportion as in 1973, as the percentage distributions for both years that follow indicate. Federal funds were

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		1973		1974					
Age	Total	Fed- eral	State and local	Total	Fed- eral	State and local			
All ages	100 0	67 3	32 7	100 0	68 2	31 8			
Under 19	100 0 100 0 100 0	59 1 53 9 80 8	40 9 46 1 19 2	100 0 100 0 100 0	62 1 56 5 80 2	37 9 43 5 19 8			

about two-thirds of all public funds. The State and local share of expenditures for those aged 65 and over went up one percentage point in 1974, reflecting some payments by Medicaid of increases in Medicare deductibles, coinsurance, and supplementary medical insurance (SMI) premiums of the medically indigent, as well as in items not covered by Medicare.

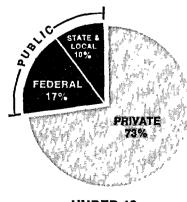
Expenditures for those under age 19.—Almost three-fourths (\$9.8 billion) of the total \$13.4 billion spent in 1974 on personal health care services and supplies for persons under age 19 came from private funds. The largest share of public expenditures—which totaled \$3.6 billion—was from public assistance programs under Medicaid (52 percent) (table 4).

Other sources of expenditures were Department of Defense hospital and medical care (21 percent)—principally through CHAMPUS, the military dependents' medical care program—and general hospital and medical programs (17 percent). The latter represented the net costs of running State and local community, psychiatric, and long-term care hospitals after vendor and patient payments

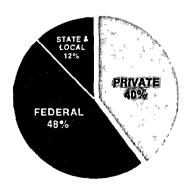
and excluding capital outlay, plus the Federal funds used to provide direct services (outside of the Veterans Administration and the Department of Defense) through public health service hospitals, the Indian Health Service, and other programs of the Department of Health, Education, and Welfare. The remaining 14 percent of public outlays were for maternal and child health, medical vocational rehabilitation programs, and health insurance for the disabled under the Medicare program. Sixty-two percent (\$2.2 billion) of the total public expenditures for the youngest age group came from Federal funds; 38 percent (\$1.4 billion) came from State and local funds. Twothirds of the State expenditures were for Medicaid; three-fourths of Federal expenditures represented Medicaid matching payments and the Department of Defense hospital and medical care spending for military dependents.

Expenditures for the intermediate age group.—Personal health care expenditures for this large age group totaled \$50.2 billion in 1974. Seventy-one percent (\$35.6 billion) came from private sources; the remaining \$14.6 billion was financed from public sources. The largest share (33 percent) of public funds came from the Federal-State Medicaid program. Next was the general hospital and medical care program primarily in State and local psychiatric hospitals (21 percent), followed by the Veterans Administration program (15 percent) and the Department of Defense programs for the Armed Forces and their dependents (13 percent). The remaining public

CHART 1 —Percentage distribution of expenditures for personal health care, by source of funds and age group. fiscal year 1974







UNDER 19 19-64 \$13.4 BILLION \$50.2 BILLION

65 AND OVER \$26.7 BILLION

SOCIAL SECURITY

Table 3.—Estimated public personal health care expenditures, by type of expenditure and source of funds, for three age groups, fiscal years 1972-74

	llior	

						-,						
		All ages			Under 19			19-64		65 and over		
Type of expenditure	Total	Federal	State and local	Total	Federal	State and local	Total	Federal	State and local	Total	Federal	State and local
		1972										
Total	\$26,950	\$18,130	\$8,820	\$3,283	\$1,972	\$1,312	\$10,924	\$5,784	\$5,140	\$12,742	\$10,374	\$2,368
Hospital care	17,578 3,638 277 252 613 77 2,465 2,051	11,751 2,708 186 177 330 44 1,444 1,490	5,827 926 90 76 283 33 1,022 560	1,733 416 100 59 97 14 53 813	1,108 275 60 45 58 9 28 389	625 141 40 14 39 4 25 424	7,661 1,169 147 96 285 58 430 1,078	3,785 452 105 44 148 30 240 981	3,876 717 42 52 138 27 190 97	8,184 2,053 30 97 231 6 1,983	6,858 1,981 21 88 124 5 1,175	1,326 71 9 9 107 1 807 39
						19	73					
Total	\$29,972	\$20,182	\$9,790	\$3,575	\$2,114	\$1,460	\$12,153	\$6,554	\$5,601	\$14,244	\$11,514	\$2,731
Hospital care	18,900 3,983 311 325 671 80 3,264 2,440	12,751 2,933 212 216 365 45 1,896 1,763	6,149 1,049 99 109 305 35 1,367 677	1,943 450 110 71 94 12 54 840	1,225 295 67 49 56 8 29 386	719 156 43 20 37 4 25 455	8,086 1,357 170 134 324 63 630 1,388	4,056 537 122 62 170 33 354 1,218	4,030 820 48 74 155 30 276 170	8,868 2,178 31 119 252 6 2,580 210	7,469 2,103 23 104 138 5 1,513 157	1,399 74 8 15 114 1 1,066 53
						197	4 1					
Total	\$34,253	\$23,358	\$10,895	\$3,612	\$2,241	\$1,3 70	\$14,561	\$8,223	\$6,336	\$16,082	\$12,894	\$3,187
Hospital care	21,929 4,524 342 361 795 88 3,946 2,268	15,145 3,277 210 226 404 50 2,208 1,840	6,783 1,248 133 136 391 38 1,739 428	2,191 493 129 67 105 13 65 548	1,355 293 71 41 57 9 33 383	836 200 58 26 48 4 31 165	9,714 1,782 183 154 384 69 768 1,508	5,261 826 118 66 189 36 417 1,311	4,453 956 65 88 195 33 351 197	10,024 2,250 31 141 304 7 3,113 211	8,529 2,159 21 120 157 6 1,756 145	1,494 91 11 21 147 1 1,356 66

¹ Preliminary estimates

funds represented workmen's compensation payments (10 percent), Medicare payments for disabled beneficiaries, and the programs for maternal and child health and medical vocational rehabilitation (8 percent).

Federal funds accounted for a slightly higher share of public expenditures (57 percent) than they did in fiscal year 1973 (54 percent). Outlays for the Medicaid program, the Department of Defense health care program, and the Veterans Administration health care program represented 80 percent of Federal expenditures; payments for Medicaid and for State and local hospital care accounted for 76 percent of all State and local expenditures for personal health care for this age group.

Expenditures for the aged.—Because of large outlays from Medicare and Medicaid funds, the

financing of health care for the aged comes primarily from public funds. Private payments, consisting of private health insurance premiums and direct payments to providers of health care, constituted only 40 percent of the \$26.7 billion expenditures in 1974 for persons aged 65 and older. This proportion was in marked contrast to the 73 percent provided by private funds for those under age 19 and the 71-percent share for the intermediate age group.

A total of \$10.2 billion from Medicare and \$3.9 billion in Medicaid payments have provided 87 percent of the \$16.1 billion in public financing of personal health care and 53 percent of total health care expenditures for the elderly. The remaining 7 percent of public expenditures for health care of the aged came from general hospital and medical care programs primarily at the State and local level and from the Veterans

Table 4—Estimated personal health care expenditures under public programs, by program and source of funds, for three age groups, fiscal years 1972-74

Π'n	m	111	lin	m	q١

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		All ages			Under 19			19-64		e	5 and ove	r
Program	Total	Federal	State and local	Total	Federal	State and local	Total	Federal	State and local	Total	Federal	State and local
Total	\$26,950	\$18,130	\$8,820	\$3,283	\$1,972	\$1,312	\$10,924	\$5,784	\$5,140	\$12,742	\$10,374	\$2,368
Health insurance for the aged	8,364 68	8,364	68				68		68	8,364	8,364	
Workmen's compensation (medical ben- efits) Public assistance (vendor medical pay-	1,180	27	1,153				1,136	26	1,110	44	1	43
ments) General hospital and medical care Defense Department hospital and medical care (including military depend-	7,455 4,212	4,003 619	3,453 3,592	1,280 464	687 195	593 269	3,590 2,561	1,928 366	1,663 2,195	2,585 1,187	1,388 59	1,197 1,128
ents) Maternal and child health services School health	2,325 495 281	2,325 259	236 281	814 337 281	814 176	161 281	1,442 158	1,442 83	76	70	70	
Veterans' hospital and medical care	2,233 179 156	2,233 143 156	36	36 71	29 71	7	1,755 140 73	1,755 112 73	28	478 4 11	478 3 11	i
		1973										
Total	\$29,972	\$20,182	\$9,790	\$3,575	\$2,114	\$1,460	\$12,153	\$6,554	\$5,601	\$14,244	\$11,514	\$2,731
Health insurance for the aged Temporary disability insurance	9,040 69	9,040	69				69		69	9,040	9,040	
Workmen's compensation (medical benefits) Public assistance (vendor medical pay-	1,315	32	1,283				1,270	31	1,239	45	1	44
ments) General hospital and medical care Defense Department hospital and medical care (including military depend-	8,817 4,640	4,783 805	4,035 3,835	1,539 550	833 262	706 288	4,028 2,818	2,180 475	1,848 2,343	3,251 1,272	1,769 68	1,482 1,204
ents) Maternal and child health services School health	2,448 455 300	2,448 221	234 300	774 310 300	774 150	159 300	1,606 145	1,606 71	75	69	69	
Veterans' hospital and medical care	2,561 175 152	2,561 140 152	35	35 67	28 67	7	2,018 137 66	2,016 109 66	27	545 3 19	545 3 19	1
		<u>'</u>	<u>'</u>	•	<u> </u>	197	4 1	·	·	<u>'</u>	•	
Total	\$34,253	\$23,358	\$10,895	\$3,612	\$2,241	\$1,370	\$14,561	\$8,223	\$6,336	\$16,082	\$12,894	\$3,187
Health insurance for the aged and dis- abled	10,955 71	10,955	71	2	2		797 71	797	71	10,158	10,158	
Workmen's compensation (medical ben- efits). Public assistance (vendor medical pay-	1,450	36	1,414				1,405	36	1,369	45		45
ments) General hospital and medical care Defense Department hospital and medical care (including military depend-	10,649 5,022	5,502 1,033	5,147 3,989	1,869 623	965 324	904 299	4,873 3,086	2,518 649	2,354 2,437	3,907 1,313	2,018 60	1,888 1,253
Maternal and child health services	2,687 470	2,687 236	234	758 3 20	758 161	159	1,859 150	1,859 75	75	70	70	
School health Veterans' hospital and medical care Medical vocational rehabilitation Office of Economic Opportunity	2,756 194	2,756 154	39	39	31	8	2,169 151	2,169 120	30	587 4	587 3	1
	ı	1	I	L	ı	l	1	I	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Preliminary estimates.

Administration program—with small amounts from workmen's compensation funds, the Department of Defense medical care program for the Armed Forces, and the medical vocational rehabilitation program.

Medicare benefit payments are classified in this article and in the Office of Research and Statistics series on national health expenditures as public expenditures. As noted in the 1975 article in that

series, 95.5 percent of hospital insurance expenditures are from payroll contributions earmarked for Medicare hospital insurance and 41.5 percent of the supplementary medical insurance expenditures are from premium payments by Medicare enrollees. If the supplementary medical insurance premiums were regarded as private payments, the

^{*}Nancy L. Worthington, op. cit.

public share would be reduced from 60 percent to 56 percent.

Type of Expenditure

Expenditures for hospital care, the largest single item of health care expense, represented 45 percent of all personal health care expenditures in the Nation in 1974. Hospital expenditures for the aged rose 15.7 percent in 1974, compared with a rise of 10.6 percent in 1973. The rise for the youngest group was close to that—14.7 percent or 3.3 percentage points higher than the 1973 rate. The slowest increase in hospital care expenditures was for the intermediate age group—11.4 percent, compared with 10.4 percent in 1973.

Close to half of all personal health care expenditures among the two age groups—those aged 19-64 and those 65 and over—went for hospital care. Only a third was spent for hospital care of the group under age 19, as the percentage distribution by type of expenditure shows in the tabulation below.

		A	ge	
Type of expenditure	All ages	Under 19	19-64	65 and over
Total	100 0	100 0	100 0	100 0
Hospital care. Physicians' services. Other professional services. Drugs and drug stundries. Nursing-home care. Other health services.	45 3 21 1 9 1 10 7 8 2 5 6	33 4 30 9 13 6 14 0 1 4 6 7	47 6 21 6 11 0 11 1 1 8 6 9	47 1 15 0 3 2 8 5 23 7 2 6

Expenditures for physicians' services, which represented 21 percent of all personal health care expenditures in 1974, also rose at a faster rate than in the previous year—8.5 percent, compared with 6.6 percent in 1973. The 1974 growth rates differed among the age groups. The most rapid rise occurred in the youngest group (where physicians' services accounted for 31 percent of total health care expense); the increase was 8.3 percent, up from a rate of 6.4 percent in 1973. The slowest growth was in the group aged 65 and over—where 15 percent of expenditures were for physicians' services; the growth rate was 3.6 percent, compared with 6.6 percent in 1973.

Drugs represented the largest other single bloc of health care expenditures—10.7 percent of all health care expenditures for all age groups. Expenditures rose 7.7 percent among the young for whom drugs represented 14 percent of all health care expenditures. The rise was 9.5 percent, for the aged, however; their expenses for drugs accounted for only 8.5 percent of total expense. The intermediate group's expense for drugs rose 7.5 percent, and drugs accounted for 11.1 percent of their total health care expenditures.

Nursing-home care accounted for 24 percent of total expenditures for the aged. Less than 2 percent of health care expenditures was used for nursing-home care for the young and for the intermediate age groups. Expenditures for this type of care rose 12 percent in 1974, down slightly from the increase rate of about 13 percent in 1973.

Other professional services, including dental care, represented 14 percent of the total expenditures in the younger age group, in contrast to 11 percent in the intermediate age group and 3 percent in the older group. Expenditures rose about 9 percent for the younger age group—a rate close to that for the intermediate age group. For this category of expense, the older group had only a 4-percent increase over the previous year.

The different types of expenditures are financed in different ways. Fifty-four percent of all hospital spending came out of public funds. For the aged, the public share was 80 percent. More than nine-tenths (\$7.8 billion) of Federal funds for hospital care of the aged came out of Medicare funds (table 5). Public funds accounted for 45 percent of the expenses for hospital care for the young and 41 percent for the intermediate age group.

Public funds accounted for only 24 percent of the \$19 billion expenditures for physicians' services. For the young, the public share was only 12 percent. For the aged, the \$2.3 billion spent by government accounted for 56 percent of the total outlays but the largest part of that (\$2.1 billion) was from Medicare's supplementary medical in-

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⁵The \$7.8 billion in Medicare expenditures for hospital care are gross expenditures for fiscal year 1974; they do not reflect current financing payments of \$300 million that were recovered by the Social Security Administration during fiscal year 1974. At the onset of the Medicare program, current financing provisions were instituted to compensate providers for possible procedural lags or delays in receiving reimbursement for individual bills. In 1973, the Social Security Administration rescinded the current financing mechanism. Providers were required to return the amounts of such payments by May 29, 1974, except where an extended recovery period would be warranted due to financial hardship.

Table 5 —Estimated amount and percentage distribution of personal health care expenditures for the aged, by type of expenditure and source of funds, fiscal years 1972–74

		Am	ount (in n	illions)			Percen	tage distr	bution	
Type of expenditure	Total	Private		Public		Total	Private		Public	
			Total	Medicare	Other			Total	Medicare	Other
		1972								
Total	\$21,649	\$8,905	\$12,742	\$8,364	\$4,378	100 0	41 1	58 9	38 6	20 :
Hospital care. Physicians' services. Dentists' services. Other professional services. Drugs and drug sundries. Eyeglasses and appliances. Nursing-home care. Other health services.	9,816 3,615 375 360 1,920 402 4,981 180	1,632 1,562 345 263 1,689 396 2,998 20	8,184 2,053 30 97 231 6 1,983 160	6,215 1,905 77	1,969 148 30 20 231 6 1,815 160	100 0 100 0 100 0 100 0 100 0 100 0 100 0	16 6 43 2 92 0 73 1 88 0 98 5 60 2 11 1	83 4 56 8 8 0 26 9 12 0 1 5 39 8 88 9	63 3 52 7 21 4 3 4	20 4 8 5 12 1 36 88
					19	973				
Total	\$23,877	\$9,633	\$14,244	\$9,040	\$5,204	100 0	40 3	59 7	37 9	21
Hospital care. Physicians' services Dentists' services Other professional services. Drugs and drug sundries. Eyeglasses and appliances. Nursing-home care Other health services.	10,852 3,854 402 397 2,064 425 5,653 230	1,984 1,676 371 278 1,812 419 3,073 20	8,868 2,178 31 119 252 6 2,580 210	6,787 2,016 83	2,081 162 31 36 252 6 2,426 210	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	18 3 43 5 92 3 70 0 87 8 98 6 54 4 8 7	81 7 56 5 7 7 30 0 12 2 1 4 45 6 91 3	62 5 52 3 20 9	19 4 7 9 12 1 42 91
					197	74 1				
Total	\$26,678	\$10,597	\$16,082	\$10,158	\$5,926	100 0	39 7	60 3	38 1	22
Hospital care Physicians' services Dentists' services Other professional services Drugs and drug sundries Eyeglasses and appliances Nursing-home care Other health services	12,556 3,990 429 418 2,260 461 6,333 231	2,532 1,740 398 277 1,956 454 3,220 20	10,024 2,250 31 141 305 7 3,113 211	7,778 2,069 99	2,246 181 31 42 305 7 2,903 211	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	20 2 43 6 92 8 66 3 86 6 98 5 50 8 8 7	79 8 56 4 7 2 33 7 13 5 1 5 49 2 91 3	62 0 51 9 23 7	17 4 7 10 13 1 45 91

¹ Preliminary estimates

surance trust fund, financed 41.5 percent by premium payments by Medicare enrollees and 58.5 percent by general revenues. The public share of the total was 26 percent for all other types of expenditures. Among the age groups, the public share was 19 percent for those under age 19, 20 percent for the group aged 19–64, and 38 percent for those aged 65 and over.

The average amount spent per person for each type of expenditure varies widely with age, as the tabulation that follows shows. For persons

	P	er capita e	xpenditure	es	
Age	Total	Hospital care	Physicians' services	All other	
All ages	\$420	\$190	\$88	\$142	
Under 19	183 420 1,218	61 200 573	57 91 182	65 129 463	

aged 65 and over the average health care bill was \$1,218 in 1974, and 71 percent of that amount went for hospital and nursing-home care. Because the young have hospital bills that are, on the average, only a tenth of those of the aged and they incur less than 1 percent of the older group's nursing-home expenses, their overall health care bill (\$183) runs about one-seventh of that of the elderly person. Among those aged 19-64 the average expenditure for all types of health care (\$420) is about 34 percent of that of aged persons, reflecting average hospital outlays that are one-third of those of the elderly and nursing-home expenses that amount to only 3 percent of the older group's outlays.

The per capita expenditures of \$91 for physicians' services for the group aged 19-64 were 60 percent higher, on the average, than they were for young persons (\$57) and 50 percent of the average expense of the elderly (\$182). Average expendi-

tures for physicians' services for the young were less than a third of those for the elderly.

TRENDS

With the advent of Medicare and Medicaid, personal health care expenditures began to rise at increasingly higher rates, as shown in the tabulation that follows. The high point was

	Annual percentage increase								
Fiscal year	m	τ	Aged 65						
	Total	Total	Under 19	19-64	and over				
1967	14 2 12 5 13 3 14 1 11 8 11 1 9 6 10 3	11 9 9 1 12 3 13 7 10 6 10 0 9 3 9 7	(1) 9 6 10 3 14 4 11 2 7 7 8 3 7 4	(1) 9 0 12 8 13 5 10 4 10 7 9 6 10 3	21 8 23 1 16 0 15 1 15 1 13 8 10 3				

¹ Data not available

reached in 1970 when the expenditures increased 14.1 percent over the previous year. The high annual rates of increase during this period were the result of increased use of services as well as inflation in health care prices.

The rate of increase began to decelerate in 1971, and the implementation of the economic stabilization program in the form of mandatory control of the health care industry, beginning August 1971, had a further slowing effect on expenditure levels in fiscal years 1972 and 1973, when expenditures rose 11.1 percent and 9.6 percent, respectively. The 1974 increase (10.3 percent) reflects price movement in the final 10 months (July 1973-April 1974) of the economic stabilization program and the 2 subsequent months during which no controls were in effect. The greater use of services was an additional factor.

The overall trends were reflected in varying degrees in outlays for the three age groups. The rate of increase in expenditures for the aged reached a high in 1968 (23.1 percent) but dropped to 16.0 percent in 1969. The rate has been declining gradually since that time with a slight upturn in fiscal year 1974. A generally similar pattern of gradual decline in rate increases has occurred in the young and intermediate age groups beginning in 1971.

Source of Funds

The source of funds for personal health care has shifted dramatically since the Medicare and Medicaid programs became operative 8 years ago. This shift is most apparent for the oldest group. Government funds were used to finance 30 percent of personal health care expenditures in the year preceding the start of Medicare and Medicaid. In 1974, however, the proportion had risen to 60 percent of such expenditures (56 percent if Medicare premiums are regarded as private expenditures).

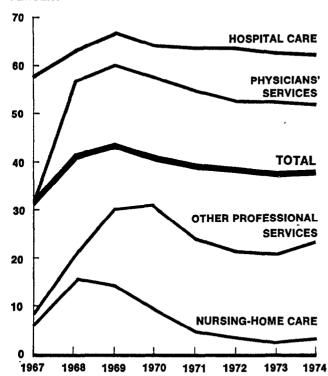
The Medicare share of the aged's health bill has dropped in recent years. In 1974 the proportion paid by Medicare was 38 percent compared with a high of 44 percent in 1969 (chart 2). For services covered by Medicare the percentages were substantially higher—62 percent of hospital charges and 52 percent of doctors' bills in 1974, in contrast to the highs of 66 percent and 60 percent, respectively, in 1969.

A number of factors have contributed to the steady drop in Medicare's share of expenditures for hospital care. The average length of hospital stay has been declining more than 3 percent a year during most of the period from 1969 through 1974 (table 6). Because Medicare requires the patient to pay an initial deductible roughly equivalent to the average cost of a day of care, his proportion of the total bill becomes larger and Medicare's proportion becomes smaller, as the average length of stay goes down. Expenditures have been increasing for outpatient hospital diagnostic and therapeutic services, which are included as hospital expenses but are paid from the Medicare supplementary medical insurance trust fund. These expenses are reimbursed at a lower rate than inpatient hospital care, primarily because of the 20-percent coinsurance requirement.

As noted, Medicare's share of expenditures for physicians' services has also continued its gradual decline since 1969—from 60 percent in that year to 52 percent in 1974. One factor in this decline is the increase in the deductible from \$50 to \$60 in 1973; another is the decrease in the proportion of claims for which physicians have accepted assignment.

Physicians who take assignments accept Medicare's determination of a reasonable charge and bill the patient only for the unmet part of the CHART 2—Percentage of expenditures for personal health care for persons aged 65 and over paid by Medicare, by type of expenditure, fiscal years 1967-74

PERCENT



annual \$60 deductible plus 20 percent of the remaining part. Physicians who do not accept assignment may bill the patient for fees in excess of the "reasonable charge." In fiscal year 1969, the net assignment rate (excluding hospital-based

physicians) was 61 percent; in 1973 it had declined to 53 percent; in fiscal year 1974 the projected rate is down to 52 percent. Thus, Medicare's proportion of the expenditures for physicians' services has decreased, and Medicaid and/or private insurance or out-of-pocket payments have taken up the slack.

Nursing-home expenses of the aged are scarcely affected by Medicare. In 1974, only about 3 percent of total costs were covered, compared with a high of 15.8 percent in 1968. (Medicare pays for skilled-nursing-home care only if it is ordered by a physician and is provided in a skilled-nursing facility after a specified hospital stay; time and day limitations and co-payments are also imposed.)

After 1968, tightened controls on the use of skilled-nursing facilities resulted in a drop in outlays for nursing-home care for the aged to a low of \$154 million in 1973. Rising prices and increased use of skilled-nursing facilities, along with liberalized level-of-care requirements for covered services under the Social Security Act Amendments of 1972 brought Medicare's outlay for the aged up to \$210 million in 1974.

The portion of expenditures for other professional services covered by Medicare rose in 1974 to 24 percent after a continuing decline that began in 1970, when the share was 31 percent

Table 6.—Community hospital utilization and expenses, by age group, fiscal years 1967-74

Fiscal year	Number of admissions (in thousands)			Number of patient days (in thousands)			Average length of stay (days)			Expenses	
	All	Under 65	65 and over	All ages	Under 65	65 and over	All ages	Under	65 and over	Total (in millions)	Per adjusted patient day
1967	27,048 27,465 28,027 29,238 30,312 30,706 31,483 32,752	21,840 21,960 22,123 23,101 23,966 24,071 24,513 25,291	5,208 5,505 5,904 6,137 6,346 6,635 6,970 7,461	214,454 221,971 227,633 231,601 234,413 232,892 235,984 242,393	148,536 148,878 149,585 153,120 155,475 153,587 155,623 157,715	65,918 73,093 78,048 78,481 78,938 79,305 80,361 84,678	7 93 8 08 8 12 7 92 7 73 7 58 7 50 7 40	6 80 6 78 6 76 6 63 6 49 6 38 6 35 6 24	12 66 13 28 13 22 12 79 12 44 11 95 11 53 11 35	\$11,510 13,697 15,965 18,669 21,418 23,925 26,589 30,115	\$49 22 56 24 63 66 73 14 82 70 92 48 101 05 110 77
Percentage change from preceding year. 1968	2 0 4 3 3 7 1 3	0 5 7 4 4 3 7 4 1 8 3 2	5 7 7 2 3 9 3 4 4 6 5 0 7 0	3 5 2 6 1 7 1 2 6 1 3 2 7	0 2 5 2 4 1 5 -1 2 1 3 1 3	10 9 6 8 6 6 5 1 3 5 4	1 9 -2 5 -2 4 -1 9 -1 1 -1 3	-0 3 -1 9 -2 1 -1 7 - 5 -1 7	4 9 - 5 -3 3 -2 7 -3 9 -3 5 -1 6	19 0 16 6 16 9 14 7 11 7 11 1 13 3	14 3 13 2 14 9 13 1 11 8 9 3 9 6

Source "Hospital Indicators," Hospitals, midmonth issues, and unpublished data from the American Hospital Association.

⁶ Assignment Rates for Supplementary Medical Insurance Claims, Calendar Year 1973 (Health Insurance Note No. 63), Office of Research and Statistics, Social Security Administration, 1974. The figures for 1974 are unpublished data.

and went down to 21 percent in 1973. That decline resulted in part from the increased tightening of program requirements. The 1974 increase reflects in part the extension of Medicare coverage to services by independent physical therapists, speech pathologists, and chiropractors and the elimination of home-health co-payments.

Medicare does not pay for dental care, out-of-hospital prescribed drugs, and eyeglasses. Medicaid and other public programs picked up the bills for only about 7 percent of dental costs, 14 percent of prescribed drug expenditures, and less than 2 percent of the costs of eyeglasses, leaving the bulk of these costs to be met by the elderly by direct out-of-pocket payments or private insurance.

Third-Party Financing

Third-party financing has probably been a major factor in the growth of health care spending. Third-party payments—by government, private health insurance, philanthropy, and industry through industrial in-plant services—have been

playing a heavy role in the financing of health care in the past 9 years (table 7).

In 1974, these payments represented almost two-thirds of the total health care expenditures of all age groups. In 1966, third parties met only 48 percent of total health care expense (chart 3). Most of the increase in third-party payments has been by government, whose share rose significantly with the influx of Medicare and Medicaid funds beginning in 1967. The impact has been especially heavy in the group aged 65 and over, for whom the government's share jumped from less than one-third of all expenditures in 1966 to two-thirds in 1968. Since that time, third-party payments have been declining gradually, reaching a plateau of approximately 65 percent during the past 3 years.

Despite the greater role by Government, the aged have been bearing a gradually increasing amount of direct expense for health care. In 1974, the average direct payment had more than doubled, from \$206 to \$415 since 1969, the year in which Medicare had reached a high point in its coverage of expenditures for this age group. The higher deductibles under Medicare, increased coinsurance by Medicare enrollees as a result of

Table 7.—Amount and percent of expenditures for personal health care met by third parties for two age groups, fiscal years 1966-74

	Total	Direct payments	Third-party payments				
Fiscal year			Total	Private health insurance	Government	Philan- thropy and industry	
	All ages						
Total amount (in millions) 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. Per capita amount 1966. 1969. 1969. 1970. 1971. 1972. 1973. 1974. Percentage distribution 1966. 1966. 1967. 1979. 1971. 1972. 1973. 1974. Percentage distribution 1968. 1969. 1969. 1970. 1971. 1972. 1973. 1974. 1976. 1977. 1977. 1977. 1977. 1977. 1977. 1977. 1977. 1977. 1977. 1977. 1977. 1977.	60,113 67,228 74,688 81,859 90,281 \$181 96 205 45 228 75 256 59 289 76 320 84 353 00 383 89 420 38 100 0 100 0 100 0 100 0	\$18,088 18,786 19,103 20,957 24,272 26,307 28,083 30,193 31,670 \$93 35 93 91 102 06 117 00 1125 55 132 73 141 60 147 46 51 5 45 45 41 1 39 8 40 4 39 1 37 6 36 9 35 1	\$17,548 22,557 27,419 31,733 35,841 40,921 46,604 51,665 58,612 \$88 17 112 10 134 84 154 53 172 76 195 29 220 27 242 29 272 91 48 5 54 6 58 9 60 2 58 9 60 9 62 4 63 1 64 9	\$8,936 9,344 10,444 12,206 14,406 16,728 18,620 20,568 23,139 \$44 90 46 43 51 35 59 44 69 44 79 83 88 00 96 46 107 74 24 7 22 5 23 2 2 4 0 24 9 25 1 25 6	\$7,892 12,461 16,200 18,705 20,545 23,229 26,949 29,972 34,253 \$39 65 61 92 79 66 91 09 99 03 110 86 127 37 140 56 159 49 21 8 30 11 34 8 35 5 34 6 36 6 37 9	\$720 753 775 824 890 964 1,035 1,125 1,220 \$3 62 3 74 4 4 00 4 4 99 4 60 4 4 89 5 28 5 68 2 0 1 1 8 1 7 1 0 1 1 4 1 1 4	

Table 7—Amount and percent of expenditures for personal health care met by third parties for two age groups, fiscal years 1966-74—Continued

		Direct payments	Third-party payments				
Fiscal year	Total		Total	Private health insurance	Government	Philan- thropy and industry	
	Under age 65						
Total amount (in millions) 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. Per capita amount 1966. 1967. 1968.	\$27,974 31,302 34,159 38,349 43,599 48,213 53,041 57,979 63,605 \$154 96 171 55 185 39 206 36	\$14,286 15,070 15,702 16,938 18,885 19,802 20,390 21,892 22,671 \$79 13 82 59 85 22 91 14	\$13,688 16,233 18,457 21,411 24,714 28,411 32,651 36,087 41,034 \$75,82 88,96 100,17 115,21	\$7,627 8,755 9,786 11,437 13,498 15,708 17,503 19,334 21,751 \$42 25 47 98 53 11 61 54	\$5,432 6,801 7,971 9,229 10,407 11,829 14,207 15,730 18,172 \$30 09 37 27 43 26 49 66	\$629 677 701 746 809 874 941 1,023 1,111 \$3 48 3 71 3 80 4 01	
1970 1971 1972 1973 1974 Percentage distribution	232 50 255 09 278 23 302 12 329 80	100 71 104 77 106 96 114 07 117 03	115 21 131 79 150 32 171 27 188 04 212 77	71 98 83 11 91 81 100 75 112 78	55 50 62 59 74 52 81 97 94 22	4 31 4 62 4 94 5 33 5 76	
1966 1967 1968 1969 1970 1971 1972 1973 1974	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	51 1 48 1 46 0 44 2 43 3 41 1 38 4 37 8 35 5	48 9 51 9 54 8 55 8 56 7 58 9 61 6 62 2 64 5	27 3 28 0 28 7 29 8 31 0 32 6 33 0 33 4 34 2	19 4 21 7 23 3 24 1 23 9 24 5 26 8 27 1 28 6	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
			5 and over	nd over			
Total amount (in millions) 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. Per capita amount	\$8,242 10,041 12,362 14,342 16,514 19,015 21,649 23,877 26,678	\$1,382 3,716 3,401 4,019 5,387 6,505 7,696 8,227 9,099	\$3,860 6,325 8,961 10,323 11,127 12,510 13,953 15,580 17,579	\$1,309 589 658 769 908 1,020 1,117 1,234 1,388	\$2,460 5,660 8,229 9,476 10,138 11,400 12,742 14,244 16,082	\$01 76 74 78 81 90 94 102	
Per capita amount 1966 1967 1968 1960 1970 1971 1972 1972 1973 1974 Percentage distribution	\$445 25 535 03 646 65 735 19 828 31 925 98 1,033 51 1,119 78 1,217 84	\$236 72 198 01 177 90 206 02 270 20 316 78 367 40 389 11 415 37	\$208 52 337 03 468 75 529 17 558 11 609 20 666 11 730 67 802 47	\$70 71 31 38 34 42 39 42 45 54 49 67 53 33 57 87 63 36	\$132 89 301 59 430 45 485 75 508 50 555 15 608 30 668 01 734 14	\$4 92 4 05 3 87 4 00 4 06 4 49 4 49 4 78	
Percentage distribution 1968 1969 1969 1970 1971 1972 1973 1974	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	53 2 37 0 27 5 28 0 32 6 34 2 35 6 34 8 34 1	46 8 63 0 72 5 72 0 67 8 64 5 65 3	15 9 5 3 5 4 5 5 5 4 5 5 2 5 2	29 8 56 4 66 6 66 1 61 4 60 0 58 9 59 7 60 3	1 1 8 8 6 5 5 5 4 4 4 4	

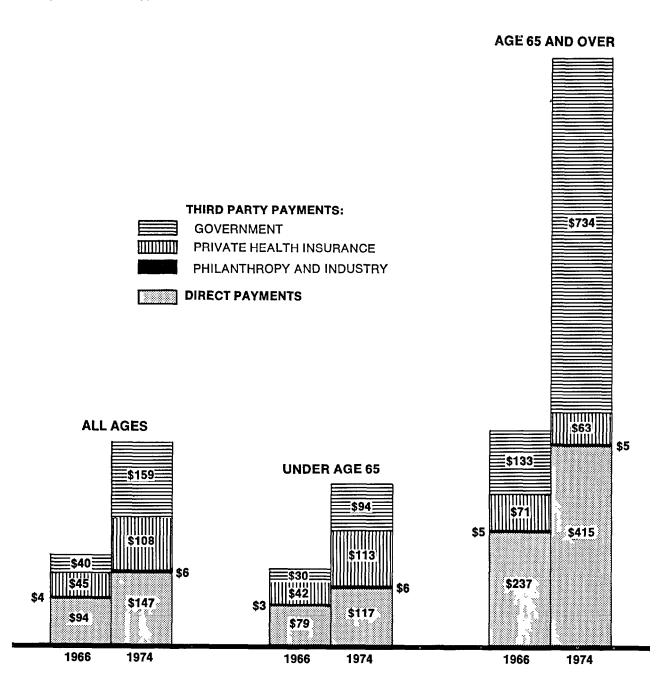
higher medical prices, and in recent years the decline in the rate of assignments accepted by physicians have contributed greatly to these increased expenses.

Medicaid has played a significant part in reducing direct costs to the poor and to the medically indigent among the young and intermediate age groups. Thus, government programs, includ-

ing Medicaid, met 29 percent of health care expenditures of those under age 65, compared with only 19 percent in 1966.

Private insurance benefits—reflecting the results of collective bargaining in the work force—have played an increasingly important part in financing health care for the worker and his dependents. In 1966, private health insurance met

CHART 3—Per capita expenditures for personal health care met by third parties and paid directly, by age group, fiscal years 1966 and 1974



27 percent of the health care bills of those under age 65; by 1974 the proportion met was 34 percent. Despite the role of third-party payments, the average individual under age 65 made direct payments for health care in 1974 amounting to \$117.

Although about 57 percent of the aged bought

private health insurance mostly to supplement Medicare, insurance benefits met only a small portion of their total expenses—5 percent in the past 3 years—leaving untouched direct payments for some 35 percent of their total medical bills. These payments went for the most part for items not generally covered by Medicare or private in-

surance—prescribed drugs (out-of-hospital) and drug sundries, for example, and nursing-home care.

It should be noted, too, that premiums for private health insurance and supplementary medical insurance premiums are also paid by the aged individual, or in some cases by an employer in his behalf.

Per Capita Spending

The change in the average amount spent for health care per person probably provides a better understanding of health care spending in the past 9 years than do the aggregate amounts and percentage increases provided in a global view. In 1966, the average amount spent for health care was \$182. In 1974, this amount reached \$420, two-and-one-third times the 1966 amount. The rise reflects inflationary costs and prices, increased use of services, and advancements in technology in the field of medical care and treatment. The growth in the average amount spent for medical care has been substantial for all ages. For a person under age 65 the average amount has more than doubled since 1966. In 1966 per capita spending for the aged averaged \$445; in 1974 it had jumped to \$1,218, almost three times the 1966 figure.

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