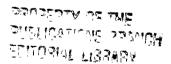
Utilization of Short-Stay Hospitals

Summary of Nonmedical Statistics United States-1966

Statistics are presented on the utilization of shortstay hospitals based on data collected in the Hospital Discharge Survey from a national sample of hospital records of discharged patients. Discharges, days of care, and average length of stay are distributed by each of the variables age, sex, and color of patient and by geographic region, bed size, and type of ownership (control) of hospital.



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In accordance with specifications established by the National Health Survey, the Bureau of the Census, under a contractual arrangement, participates in most aspects of survey planning, selects the sample, and collects the data.

SEE 13-7

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UTILIZATION OF SHORT-STAY HOSPITALS SUMMARY OF NONMEDICAL STATISTICS

Abraham L. Ranofsky and Michael J. Witkin, Division of Health Resources Statistics

INTRODUCTION

An estimated 28.8 million patients other than well newborn infants were discharged from short-stay hospitals in 1966. These patients received over 234 million days of inpatient care, or an average of 8.1 days per period of hospitalization. The rates of hospital utilization were 150 discharges and 1,221 inpatient days per 1,000 persons in the civilian, noninstitutional population. The utilization of short-stay hospitals varied by age, sex, and color of the patient and by size and type of ownership of the hospitals. There was also variation in the rates of utilization by geographic region.

Data for 1966, the year in which the Federal program of hospital insurance for the aged (Medicare) became effective, are compared with data for 1965. These comparisons are shown for persons of all ages, for persons under 65, and for persons 65 years and over in the United States as a whole and in each of the four geographic regions. More detailed information for 1965 may be found in four previous reports in this series. ¹⁻⁶

This report is the eighth in the series which presents estimates derived from data collected in the Hospital Discharge Survey, a continuous nationwide survey conducted by the National Center for Health Statistics. The estimates are based on information transcribed from the hospital medical records of a sample of short-stay general and special hospitals in the United States, exclusive of military and Veterans Administration hospitals and hospital units in institutions.

Out of the universe of 6,965 hospitals, a sample of 315 hospitals was drawn for the Hospital Discharge Survey in 1966; 300 hospitals participated during all or part of the year. Approximately 137,000 sample discharges were received and processed. (For a detailed description of the sample design, data collection procedures, and the estimation process, see appendix I.)

Since the estimates in this report are based on a sample of discharges from the hospitals participating in the survey rather than on all discharges (about 29 million) from all short-stay hospitals, they are subject to sampling error. Tables and graphs of approximate sampling errors and instructions for their use are given in the section "Reliability of Estimates" in appendix I.

Appendix II contains definitions of terms relating to hospitalization and to the characteristics of hospitals and patients used in this report. Since several of these terms have specialized meanings in the Hospital Discharge Survey, familiarity with the definitions will aid in interpreting the data.

DISCHARGES AND DISCHARGE RATES

Sex and Age

An estimated 28.8 million inpatients were discharged from short-stay hospitals during 1966. The corresponding discharge rate was 150.3 per 1,000 persons in the civilian, noninstitutional population. Although the discharge rate for patients under age 15 was relatively low, the rate

for all patients under 1 year of age (232.5 per 1,000 population) was higher than the rate for any other age group under 65 years (table 1). Approximately 39 percent of the discharged patients under 1 year of age were classified as nonwell newborn infants.

The discharge rate for females (175.3 per 1,000 population) was approximately 43 percent higher than that for males (123.0 per 1,000 population). When deliveries were excluded, the rate for females of all ages was only 13 percent higher than the overall rate for males. As shown in figure 1, the effect of deliveries was also evident in the trend in the discharge rates by age. The rates for males and for females excluding deliveries increased consistently with advancing age.

The number of hospital discharges of persons aged 65 and over was 6.7 percent higher in 1966 than in 1965 (table A). There were 6 percent more discharges of the aged during the 6 months after the Medicare program began in July 1966 than in the first 6 months of 1966. The number of discharges of the aged in the first and second 6-month period of 1965 did not differ (unpublished estimates).

The discharge rate for persons aged 65 and over was 5 percent higher in 1966 than in 1965. The percent increase was about the same for both males and females. Accompanying the increase in the discharge rate for the aged was a 3 percent decrease in the rate for patients under 65 years of age. Since 83 percent of all discharged patients in 1966 were under 65 years of age, the overall discharge rate showed little change from that of 1965.

Color

Based on estimates of the numbers of discharged patients for whom color was stated, white patients outnumbered all other patients by approximately 8 to 1 (23.0 million to 2.7 million). The two groups of patients differed with respect to age and sex (table 2). For example, about 18 percent of the white patients were 65 years and over compared with only about 10 percent of all other patients for whom color was stated. Of the white patients discharged, 58 percent were under 45 years of age; and of all other patients,

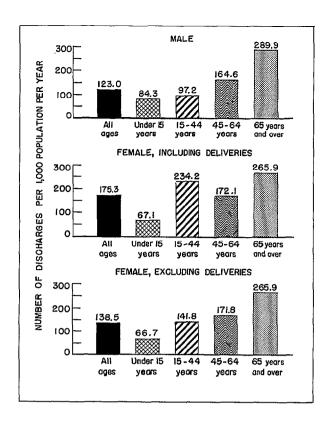


Figure 1. Number of discharges from short-stay hospitals per 1,000 population per year, by sex and age: United States, 1966.

74 percent were under 45. More deliveries for the latter group contributed to these differences. However, the relatively large number of discharges for which color of patient was not stated (3.1 million) limits the conclusions that can be drawn from these data and also explains why rates have not been computed by color of patient.

Geographic Region

The number of discharges in 1966 by geographic region ranged from 4.6 million in the West Region to 9.1 million in the South Region (table 3). The discharge rates for all ages combined were higher in the North Central and South Regions. The disparity in the rates between regions was greatest for patients aged 65 and over as shown in table 4. The rate for the aged ranged from 246.1 per 1,000 population in the Northeast to 293.6 per 1,000 population in the North Central Region.

Table A. Comparison of selected measures of utilization of short-stay hospitals by patients in 1965 and 1966, by age and sex: United States

All ages ^j			Under	Under 65 years			65 years and over			
Year	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	
			Numb	er of dis	charges i	n thousan	ıds			
1965 1966	29,120 28,804	11,361 11,389	17,709 17,362	24,377 23,832	9,188 9,118	15,152 14,676	4,601 4,911	2,114 2,240	2,474 2,658	
		Nu	mber of di	scharges p	per 1,000) populati	on per ye	ar		
1965 1966	153.4 150.3	123.5 123.0		141.4 137.0	108.9 107.4	172.2 164.8	263.9 277.1	276.3 289.9		
:				Days of ca	are in th	ousands				
1965 1966	228,398 234,055	95,514 99,081	132,405 134,405	167,343 167,863	68,999 70,149	98,088 97,387	60,035 65,791	26,070 28,748	33,752 36,812	
		Num	ber of day	s of care	per 1,00	0 populat	ion per y	ear		
1965 1966	1,203.4	1,038.3	1,353.9 1,357.1	970.9 965.2	818.1 826.5	1,114.5 1,093.7	3,443.6 3,712.0	3,407.0 3,720.0	3,450.1 3,682.7	
	Average length of stay in days									
1965 1966	7.8 8.1	8.4 8.7	7.5 7.7	6.9 7.0	7.5 7.7	6.5 6.6				

¹ Includes data for age not stated.

With the exception of the West Region, the discharge rates for the aged were higher in 1966 than in 1965 (table B). The increase in the rates for the aged was greatest in the Northeast Region (12 percent). In comparison the discharge rates for patients under age 65 were slightly lower in 1966 than in 1965 in each of the four geographic regions.

Size of Hospital

In 1966 discharges from short-stay hospitals were distributed by size of hospital (number of beds) as follows:

	Discharges			
Size of hospital	Number in thousands	Percent distri- bution		
All sizes	28,804	100.0		
6-99 beds 100-199 beds 200-299 beds 300-499 beds 500 beds or more	6,965 6,321 5,260 6,069 4,187	24.2 21.9 18.3 21.1 14.5		

²Includes data for sex not stated.

Table B. Comparison of selected measures of utilization of short-stay hospitals by patients in 1965 and 1966, by age of patient and geographic region of hospital: United States

					····		
		1965		1966			
Region	All ages ¹	Under 65 years	65 years and over	All ages ¹	Under 65 years	65 years and over	
	Numbe	er of disch	arges per	1,000 pop	ulation per	year	
All regions	153.4	141.4	263.9	150.3	137.0	277.1	
Northeast	140.3 160.4 160.8 147.3	130.7 146.6 148.4 135.4	220.3 285.2 278.4 272.8	160.4 154.1		293.6 291.6	
	Number	of days o	f care per	1,000 po	pulation per	year	
All regions	1,203.4	970.9	3,443.6	1,221.4	965.2	3,712.0	
Northeast	1,270.0 1,317.7 1,157.1 994.5	1,023.6 1,037.8 954.7 812.2	3,214.2	l 1,134.3 l	1,020.2 1,061.9 918.0 809.8	4,078.2 3,369.5	
		Avera	ge length	of stay i	n days		
All regions	7.8	6.9	13.0	8.1	7.0	13.4	
Northeast North Central South West	9.1 8.2 7.2 6.8	7.8 7.1 6.4 6.0	15.6 13.8 11.5 10.9	9.5 8.4 7.4 7.1	8.2 7.3 6.5 6.1	15.8 13.9 11.6 12.4	

 $^{^{1}}$ Includes data for age not stated.

A detailed distribution of discharged patients by age and sex according to size of hospital is given in table 5. The age-sex composition of inpatients varied only slightly by size of hospital. The largest differences were for patients aged 65 and over. The proportion of aged patients discharged ranged from 15.2 percent in hospitals with 500 beds or more to 19.8 percent in hospitals maintaining fewer than 100 beds.

Type of Ownership (Control) of Hospital

Voluntary nonprofit hospitals, which include those operated by a church or another nonprofit organization, accounted for 72 percent of all discharges from nonmilitary short-stay hospitals in 1966. Government hospitals accounted for 20 percent and proprietary hospitals for 9 percent. The distribution of discharges by age and sex

of patient is shown for each of these three groups of hospitals in table 6.

DAYS OF CARE AND LENGTH OF STAY

Sex and Age

The 28.8 million patients who were discharged in 1966 had accumulated an estimated 234 million inpatient days at time of discharge. The rate for days of care was 1,221 days per 1,000 civilian, noninstitutional population (table 7).

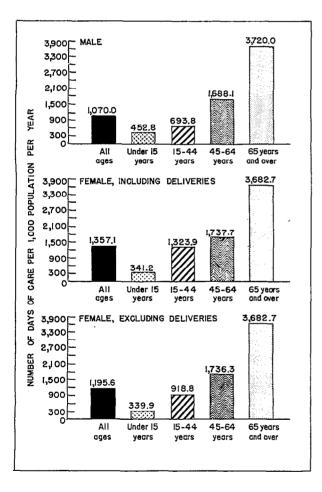


Figure 2. Number of days of care for patients discharged from short-stay hospitals per 1,000 population per year, by sex and age: United States, 1966.

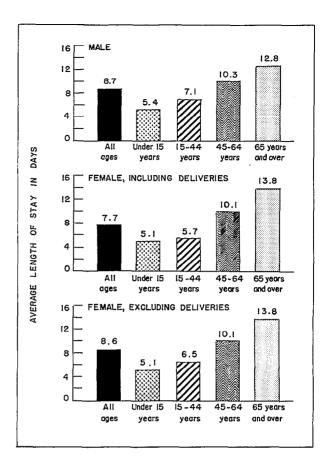


Figure 3. Average length of stay for patients discharged from short-stay hospitals, by sex and age: United States, 1966.

Rates of days of care for males and for females, both including and excluding deliveries, increased consistently with advancing age (figure 2). Deliveries had less impact on the rates of age-sex specific days of care than on discharge rates because of the relatively short period of hospitalization required. The inclusion of admissions for deliveries lowered the average length of stay of females 15-44 years of age by approximately 1 day (figure 3).

Table 8 shows that about 17 percent of females aged 15-44 (including those with deliveries) were discharged after 8 days or more of hospitalization. Over 25 percent of the women in this age group who were admitted for conditions other than obstetrical deliveries stayed longer than 7 days.

The number of hospital days for patients 65 and over was 10 percent higher in 1966 than in 1965. The rate for days of care increased almost 8 percent (table A). On the other hand, the total number of inpatient days in 1966 and the rates for discharged patients under 65 years of age were virtually unchanged.

The average length of stay of patients of all ages was slightly higher in 1966 than in 1965. This was due in part to an increase in the proportion of aged patients hospitalized; their average stay was nearly twice as long as that of patients under 65. The average stay in 1966 for the aged was 13.4 days compared with 7.0 days for the younger patients.

Color

Based on data for which color of patient was stated, there were differences between the distribution of days of care and in the average length of stay for white patients and all others (tables 9 and 10). For example, among white patients discharged, approximately 2 out of every 5 days of care were provided patients under 45 years of age; among all other 3 out of every 5 days were provided patients in this age group. In addition, the average duration of hospitalization for white patients in each age group was shorter than that for other patients.

These differences should be examined with caution, however, since 23.0 million days of care, or 10 percent of the total, were provided patients for whom color was not stated. It should be recognized also that the sampling errors associated with estimates of hospital utilization by all other patients were much larger than those associated with estimates for white patients.

Geographic Region

The estimated number of days of care per 1,000 persons of all ages ranged from 1,025 in the West Region to 1,356 in the North Central Region. The greatest variation in the rates by age within the regions occurred among persons 65 years and over. Rates of days of care for this age group ranged from 3,350 in the West to 4,078 in the North Central Region. The average

length of stay was generally higher in the Northeast and North Central Regions (tables 11-13).

The increased utilization of short-stay hospitals in 1966 by persons 65 years and over was evident in each of the four geographic regions. Rates of days of care for the aged in the North Central and South Regions were 4 and 5 percent higher, respectively, than the comparable 1965 rates, and rates for the aged in the Northeast and in the West Region were 13 percent higher (table B).

Average length of stay for the aged increased in the West Region by 1.5 days. In 1966 the average length of stay of patients 65 years and over in the West Region was 12.4 days compared with 10.9 days in 1965. In each of the other regions the average length of stay of the aged was virtually the same in both years.

For patients under 65 years of age, rates of days of care and the average length of stay in each of the four geographic regions showed little change from 1965 to 1966 (table B).

Size of Hospital

In 1966 days of care were distributed by size of hospital as follows:

	Days of care			
Size of hospital	Number in thousands	Percent distri- bution		
All sizes	234,055	100.0		
6-99 beds	47,419 46,032 43,632 51,425 45,547	20.3 19.7 18.6 22.0 19.5		

The greatest variation in the percent distribution of days of care by age of patient and size of hospital was for patients aged 65 years and over (table 14). The proportion of total days provided aged patients ranged from 23.9 percent in hospitals with 500 beds or more to 34.7 percent in hospitals with fewer than 100 beds.

The overall average length of stay varied directly with size of hospital and ranged from a low of 6.8 days in hospitals of 6-99 beds to a high of 10.9 days in hospitals of 500 beds or more. In addition, average length of stay by age increased generally with size of hospital (table 15). Average length of stay for patients 65 years and over by size of hospital showed little change from 1965 to 1966 except in hospitals with 500 beds or more (figure 4).

Type of Ownership (Control) of Hospital

Voluntary nonprofit hospitals provided over 72 percent of all inpatient days accumulated by patients discharged from nonmilitary short-stay hospitals in 1966; government hospitals accounted for 21 percent and proprietary hospitals for about 7 percent. The estimated number of hospital days provided by these three groups of hospitals are distributed by age and sex of patient in table 16. The average duration of inpatient stay by age and sex was consistently shorter in proprietary hospitals (table 17).

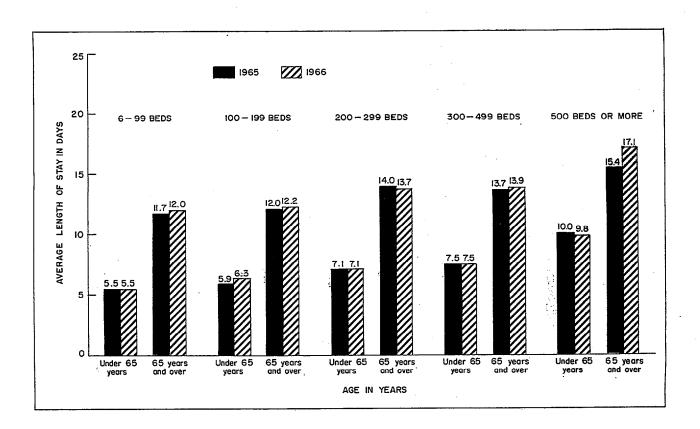


Figure 4. Average length of stay for patients under 65 years of age and 65 years and over discharged from shortstay hospitals, by size of hospital: United States, 1965 and 1966.

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Table 1. Number, percent distribution, and annual rate of discharges from short-stay hospitals, by sex and age: United States, 1966

	Discharges				
Sex and age	Number in thousands	Percent distribution	Rate per 1,000 population		
Both sexes 1					
All ages	28,804	100.0	150.3		
Under 1 year	849 327 522 1,337 2,337 4,937 4,114 3,641	2.9 1.1 1.8 4.6 8.2 17.1 14.3 12.6	232.5 82.8 59.0 165.8 190.2 154.2		
45-54 years	3,498 3,091 2,678 2,233 61	12.1 10.7 9.3 7.8 0.2	159.0 181.6 236.5 348.8		
<u>Male</u>	11 200	i00 0	122.0		
All ages	11,389	100.0	123.0		
Under 1 year	497 186 312 766 1,305 1,200 992 1,277 1,504 1,576 1,267 973 31	4.4 1.6 2.7 6.7 11.5 10.5 8.7 11.2 13.8 11.1 8.5	267.1 93.0 64.1 85.2 96.4 113.0 141.8 194.4 250.8 363.6		
All ages	17,362	100.0	175.3		
Under 1 year	350 140 209 568 1,054 3,732 3,119 2,358 1,987 1,509 1,405 1,253 2,8	2.0 0.8 1.2 3.3 6.1 21.5 18.0 13.6 11.4 8.7 8.1 7.2	195.6 71.9 53.5 238.0 275.1 191.6 174.4 169.2 224.1 336.4		

 $^{^{1}}$ Includes discharge data for which sex was not stated.

Table 2. Number and percent distribution of patients discharged from short-stay hospitals by color and age, according to sex: United States, 1966

	Both		Fen	nale	Both		Fen	ale
Color and age	sexes ¹	Male,	Including deliveries	Excluding deliveries	sexes1	Male	Including deliveries	Excluding deliveries
<u>Total</u>		Number	of patients in thousand			Percent	distributio	n
All ages ² -	28,804	11,389	17,362	13,714	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	12,693 6,589	2,569 3,470 3,079 2,240	1,972 9,208 3,496 2,658	1,962 5,577 3,489 2,658	15.8 44.1 22.9 17.0	22.6 30.5 27.0 19.7	11.4 53.0 20.1 15.3	14.3 40.7 25.4 19.4
White					:			
All ages ² -	22,969	9,230	13,710	11,037	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	3,569 9,784 5,456 4,114	2,019 2,758 2,549 1,879	1,546 7,015 2,898 2,228	1,543 4,351 2,893 2,228	15.5 42.6 23.8 17.9	21.9 29.9 27.6 20.4	11.3 51.2 21.1 16.2	14.0 39.4 26.2 20.2
All other							į	
All ages ² -	2,739	966	1,769	1,217	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	485 1,536 446 266	273 343 215 132	212 1,192 231 132	206 647 229 132	17.7 56.1 16.3 9.7	28.2 35.5 22.2 13.7	12.0 67.4 13.0 7.5	16.9 53.2 18.8 10.8
Color not stated								
All ages ² -	3,095	1,193	1,883	1,460	100.0	100.0	100.0	100.0
Under 15 years	496	277	214	213	16.0	23.2	11.4	14.6
15-44 years	1,373	369	1,000	579	44.4	30.9	53.1	39.7
45-64 years	687	315	367	367	22.2	26.4	19.5	25.1
65+ years	531	229	298	298	17.2	19.2	15.8	20.4

 $^{^{1}}$ Includes discharge data for which sex was not stated.

 $^{^{2} {\}it Includes}$ discharge data for which age was not stated.

Table 3. Number and percent distribution of patients discharged from short-stay hospitals by geographic region and age, according to sex: United States, 1966.

Doctor and	Both,	Female		Both,		Fem	ale	
Region and age	sexes ¹	Male	Including deliveries	Excluding deliveries	sexes ¹	Male	Including deliveries	Excluding deliveries
All regions	Nui		atients disc thousands	harged		Percen	t distributi	on
All ages ² -	28,804	11,389	17,362	13,714	100.0	100.0	100.0	100.0
Under 15 years	4,551 12,693 6,589 4,911	2,569 3,470 3,079 2,240	1,972 9,208 3,496 2,658	1,962 5,577 3,489 2,658	15.8 44.1 22.9 17.0	22.6 30.5 27.0 19.7	11.4 53.0 20.1 15.3	14.3 40.7 25.4 19.4
Northeast								
All ages 2 -	6,449	2,544	3,892	3,039	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	1,082 2,688 1,512 1,155	619 687 712 519	46 <u>1</u> 1,997 796 633	459 1,147 794 633	16.8 41.7 23.4 17.9	24.3 27.0 28.0 20.4	11.8 51.3 20.5 16.3	15.1 37.7 26.1 20.8
North Central								
All ages 2 -	8,654	3,420	5,215	4,114	100.0	100.0	100.0	100.0
Under 15 years	1,457 3,719 1,930 1,532	827 1,002 883 699	626 2,711 1,043 829	622 1,616 1,042 829	16.8 43.0 22.3 17.7	24.2 29.3 25.8 20.4	12.0 52.0 20.0 15.9	15.1 39.3 25.3 20.2
South								
All ages 2 -	9,129	3,619	5,493	4,418	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	1,354 4,178 2,065 1,506	744 1,191 976 696	608 2,982 1,085 806	604 1,913 1,083 806	14.8 45.8 22.6 16.5	20.6 32.9 27.0 19.2	11.1 54.3 19.8 14.7	13.7 43.3 24.5 18.2
West								
All ages 2 -	4,572	1,805	2,762	2,142	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	658 2,108 1,081 718	379 589 508 326	278 1,518 572 390	277 901 570 390	14.4 46.1 23.6 15.7	21.0 32.6 28.1 18.0	10.1 55.0 20.7 14.1	12.9 42.1 26.6 18.2

 $^{^{1}\}mathrm{Includes}$ discharge data for which sex was not stated.

 $^{^2}$ Includes discharge data for which age was not stated.

Table 4. Annual rate of discharges from short-stay hospitals by geographic region, age, and sex: United States, 1966

	Both,		Female		
Region and age	sexes ¹	Male	Including deliveries	Excluding deliveries	
All Regions	ĺ		scharges per ion per year	1,000	
All ages ²	150.3	123.0	175.3	138.5	
Under 15 years	76.0 169.2 168.8 277.1	84.3 97.2 164.6 289.9	67.1 234.2 172.1 265.9	66.7 141.8 171.8 265.9	
. <u>Northeast</u>	137.3	112.8	159,4	124.5	
Under 15 years	79.2 148.4 144.0 246.1	89.0 79.8 143.2 257.7	68.7 210.2 143.9 236:4	68.5 120.7 143.6 236.4	
North Central			·		
-	160.4	130.1	188.6	148.8	
Under 15 years	85.7 179.7 174.9 293.6	95.5 100.3 165.1 304.2	75.1 253.3 183.5 283.9	74.6 151.0 183.3 283.9	
<u>South</u> All ages ²	154.1	127.4	178.2	143.3	
Under 15 years	70.8 176.7 182.6 291.6	76.7 107.3 182.3 309.9	64.6 237.8 182.1 276.2	64.1 152.6 181.7 276.2	
<u>West</u> All ages ²	145.2	117.7	171.0	. 122 6	
Under 15 years	65.1 167.6 175.3 271.0	73.8 98.3 167.2 278.7	56.0 230.7 182.5 263.5	55.9 137.0 181.9 263.5	

¹ Includes discharged data for which sex was not stated.

Includes discharged data for which age was not stated.

Table 5. Number and percent distribution of patients discharged from short-stay hospitals by size of hospital and age, according to sex: United States, 1966

			Fem	ale			Fem	ale
Size of hospital and age	Both sexes ¹	Male	Including deliveries	Excluding deliveries	Both sexes ¹	Male	Including deliveries	Excluding deliveries
All sizes	Nu		patients dis thousands	charged		Percent	distribution	1
All ages 2 -	28,804	11,389	17,362	13,714	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	4,551 12,693 6,589 4,911	2,569 3,470 3,079 2,240	1,972 9,208 3,496 2,658	1,962 5,577 3,489 2,658	15.8 44.1 22.9 17.0	22.6 30.5 27.0 19.7	11.4 53.0 20.1 15.3	14.3 40.7 25.4 19.4
6-99 beds								
All ages ² -	6,965	2,706	4,242	3,415	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	1,017 3,005 1,551 1,376	567 842 694 595	448 2,158 853 776	445 1,335 851 776	14.6 43.1 22.3 19.8	20.9 31.1 25.6 22.0	10.5 50.9 20.1 18.3	13.0 39.1 24.9 22.7
100-199 beds								
All ages ² -	6,321	2,511	3,800	2,979	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	1,114 2,777 1,383 1,034	624 756 650 473	488 2,018 730 558	486 1,202 728 558	17.6 43.9 21.9 16.4	24.8 30.1 25.9 18.8	12.9 53.1 19.2 14.7	16.3 40.4 24.4 18.7
200-299 beds								
All ages ² ~	5,260	2,108	3,145	2,498	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	806 2,272 1,253 920	459 631 590 423	346 1,638 662 494	345 995 659 494	15.3 43.2 23.8 17.5	21.8 29.9 28.0 20.1	11.0 52.1 21.0 15.7	13.8 39.8 26.4 19.8
300-499 beds								
All ages ² -	6,069	2,365	3,692	2,911	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	988 2,678 1,444 944	559 704 657 437	426 1,971 784 504	425 1,190 783 504	16.3 44.1 23.8 15.6	23.7 29.8 27.8 18.5	11.5 53.4 21.2 13.7	14.6 40.9 26.9 17.3
500+ beds								
All ages ² -	4,187	1,699	2,483	1,911	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	626 1,960 958 637	360 536 488 311	265 1,423 467 325	260 855 467 325	14.9 46.8 22.9 15.2	21.2 31.6 28.7 18.3	10.7 57.3 18.8 13.1	13.6 44.8 24.4 17.0

 $^{^{1}}$ Includes discharge data for which sex was not stated.

 $^{^2}$ Includes discharge data for which age was not stated.

Table 6. Number and percent distribution of patients discharged from short-stay hospitals by type of ownership (control) of hospital and age, according to sex: United States, 1966

m	W - +-h		Fem	ale	Dath		Fem	ale
Type of ownership and age	Both sexes ¹	Male	Including deliveries	Excluding deliveries	Both sexes ¹	Male	Including deliveries	Excluding deliveries
All types	Nur		atients disc thousands	harged		Perc	ent distribu	tion
All ages ² -	28,804	11,389	17,362	13,714	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	4,551 12,693 6,589 4,911	2,569 3,470 3,079 2,240	1,972 9,208 3,496 2,658	1,962 5,577 3,489 2,658	15.8 44.1 22.9 17.0	22.6 30.5 27.0 19.7	11.4 53.0 20.1 15.3	14.3 40.7 25.4 19.4
Voluntary nonprofit		,						• •
All ages ² -	20,609	8,128	12,447	9,812	100.0	100.0	100.0	100.0
Under 15 years	3,312 8,909 4,810 3,537	1,873 2,367 2,247 1,621	1,433 6,532 2,554 1,908	1,427 3,908 2,550 1,908	16.1 43.2 23.3 17.2	23.0 29.1 27.6 19.9	11.5 52.5 20.5 15.3	14.5 39.8 26.0 19.4
Government								
All ages 2 -	5,629	2,259	3,356	2,586	100.0	100.0	100.0	100.0
Under 15 years	829 2,632 1,170 985	467 . 747 577 461	359 1,881 590 521	354 1,117 588 521	14.7 46.8 20.8 17.5	20.7 33.1 25.5 20.4	10.7 56.0 17.6 15.5	13.7 43.2 22.7 20.2
Proprietary								· '
All ages ² -	2,566	1,002	1,559	1,316	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	410 1,151 608 388	229 356 255 158	180 795 352 228	180 552 352 228	16.0 44.9 23.7 15.1	22.8 35.5 25.5 15.8	11.6 51.0 22.6 14.6	13.7 42.0 26.7 17.4

 $^{^1{\}rm Includes}$ discharge data for which sex was not stated. $^2{\rm Includes}$ discharge data for which age was not stated.

Table 7. Number, percent distribution, annual rate of days of care and average length of stay for patients discharged from short-stay hospitals, by sex and age: United States, 1966

		Days of care		Arromano	
Sex and age	Number in thousands	Percent distribution	Rate per 1,000 population	Average length of stay in days	
Both sexes ¹					
All ages	234,055	100.0	1,221.4	8.1	
Under 1 year	7,296 3,603 6,041 10,536 25,006 24,254 27,661 32,908 34,161 33,618 32,172	3.1 1.5 1.6 2.6 4.5 10.7 10.4 11.8 14.1 14.6 14.4	1,999.3 374.1 262.9 839.8 1,121.4 1,171.2 1,495.9 2,006.8 2,969.0 5,026.1	8.6 11.0 7.1 4.5 5.1 5.9 7.6 9.4 11.1 12.6 14.4	
Not stated Male	402	0.2	•••	6.6	
All ages	99,081	100.0	1,070.0	8.7	
Under 1 year					
Newborn	4,169 2,026 2,143 3,468 6,153 7,402 6,933 10,435 14,134 17,455 15,760 12,988 184	4.2 2.0 2.5 3.5 7.5 7.0 10.5 14.3 17.6 15.9 13.1	2,239.0 420.8 302.3 525.1 673.6 922.7 1,332.6 2,153.3 3,120.2 4,851.6	8.4 10.9 6.9 4.5 4.7 6.2 7.0 8.2 9.4 11.1 12.4 13.3 6.0	
All ages	134,405	100.0	1,357.1	7.7	
Under 1 year	3,120 1,573 1,548 2,552 4,361 17,572 17,301 17,187 18,676 16,618 17,782 19,030	2.3 1.2 1.9 1.9 13.4 12.8 13.4 13.4 14.2 10.2	1,746.1 322.9 221.2 1,120.6 1,526.5 1,396.4 1,639.2 1,863.6 2,835.2 5,110.0	8.9 11.2 7.4 4.5 4.1 4.7 5.5 7.3 9.4 11.0 12.7 15.2	

 $^{^{1}}$ Includes discharge data for which sex was not stated.

Table 8. Number and percent distribution of patients discharged from short-stay hospitals by length of stay, according to age and sex: United States, 1966

Age and length	Both		Fen	nale	Poth		Fen	ale
of stay	sexes ¹	Male	Including deliveries	Excluding deliveries	Both sexes ¹	Male	Including deliveries	Excluding deliveries
All ages ²	Nu	mber of	patients dis thousands	charged	Percent distribution			
All stays	28,804	11,389	17,362	13,714	100.0	100.0	100.0	100.0
1 day or less 2 days 3 days 5 days 6 days 7 days 8-14 days 12-28 days 29+ days	2,959 3,966 3,689 3,234 2,636 1,839 1,517 5,397 1,736 722 1,058	1,363 1,618 1,171 1,012 904 736 650 2,284 783 368 500	1,590 2,341 2,513 2,216 1,727 1,100 865 3,103 950 403 556	1,467 1,957 1,561 1,244 1,016 868 760 2,953 941 400 547	10.3 13.8 12.8 11.2 9.2 6.4 5.3 18.7 6.0 2.7 3.7	12.0 14.2 10.3 8.9 7.9 6.5 5.7 20.1 6.9 3.2 4.4	9.2 13.5 14.5 12.8 9.9 6.3 5.0 17.9 5.5 2.3	10.7 14.3 11.4 9.1 7.4 6.3 5.5 21.5 6.9 4.0
Under 15 years	/ EE1	2 560	1 072	1 060	100.0	7.00	100.0	100.0
All stays 1 day or less 2 days 3 days 4 days 6 days 7 days 8-14 days 15-21 days 22-28 days 29+ days	1,023 1,114 527 411 317 236 177 481 122 57 86	2,569 569 622 291 236 182 137 101 275 72 34 50	1,972 451 490 235 174 134 99 75 206 51 23	1,962 451 489 231 172 132 98 75 206 51 23 35	22.5 24.5 11.6 9.0 7.0 5.2 3.9 10.6 2.7 1.3	22.2 24.2 11.3 9.2 7.1 5.3 3.9 10.7 2.8 1.3 2.0	22.9 24.9 11.9 8.8 6.8 5.0 3.8 10.4 2.6 1.1	23.0 24.9 11.8 8.8 6.7 5.0 3.8 10.5 2.6 1.2
15-44 years All stays	12,693	3,470	9,208	5,577	100.0	100.0	100.0	100.0
1 day or less 2 days 3 days 5 days 6 days 7 days 8-14 days 15-21 days 22-28 days 29+ days	1,253 1,900 2,184 1,917 1,471 863 601 1,772 390 141 200	441 543 438 367 312 256 194 604 160 63 91	810 1,355 1,744 1,547 1,158 607 407 1,165 229 78 109	689 973 798 579 449 377 303 1,015 220 75 99	9.9 15.0 17.2 15.1 11.6 6.8 4.7 14.0 3.1 1.1	12.7 15.6 12.6 10.6 9.0 7.4 5.6 17.4 4.6 1.8 2.6	8.8 14.7 18.9 16.8 12.6 6.6 4.4 12.7 2.5 0.9 1.2	12.3 17.4 14.3 10.4 8.0 6.8 5.4 18.2 3.9 1.4 1.8

Table 8. Number and percent distribution of patients discharged from short-stay hospitals by length of stay, according to age and sex: United States, 1966—Con.

Age and length	Both		Fem	ale	Both sexes	Female		ale
of stay	sexes 1	Male	Including deliveries	Excluding deliveries	sexes ¹	Male	Including deliveries	Excluding deliveries
	Nur		atients disc thousands	harged	Percent distribution			
45-64 years								
All stays	6,589	3,079	3,496	3,489	100.0	100.0	100.0	100.0
1 day or less 2 days 3 days 4 days 5 days 6 days 7 days 15-21 days 22-28 days 29+ days	409 649 645 558 521 449 422 1,750 595 261 331	216 304 284 259 251 213 206 775 277 129 165	193 343 359 297 269 235 215 972 317 131 164	192 342 357 295 268 234 215 972 317 131 164	6.88.85.98.46.00.00.00.00.00.00.00.00.00.00.00.00.00	7.0 9.9 9.2 8.4 8.1 6.9 6.7 25.2 9.0 4.2 5.4	5.5 9.8 10.3 8.5 7.7 6.7 6.2 27.8 9.1 3.8 4.7	5.5 9.8 10.2 8.5 7.7 6.7 6.2 27.9 9.1 3.8 4.7
65+ years								
All stays	4,911	2,240	2,658	2,658	100.0	100.0	100.0	100.0
1 day or less 2 days 3 days 4 days 5 days 7 days 8-14 days 15-21 days 22-28 days 29+ days	262 294 327 343 320 289 314 1,383 628 312 439	131 144 154 148 155 129 147 625 273 141	131 148 172 195 164 158 166 754 353 170 246	131 148 172 195 164 158 166 754 353 170 246	5.3 6.0 6.7 7.0 6.5 5.9 6.4 28.2 12.8 8.9	5.8 6.9 6.6 5.8 6.9 27.2 12.3 8.6	4.9 5.6 6.5 7.3 6.0 6.3 28.4 13.4 9.3	4.9 5.6 6.5 7.3 6.2 6.0 6.3 28.4 13.4 9.3

¹ Includes discharge data for which sex was not stated.

 $^{^2\,\}mathrm{Includes}$ discharge data for which age was not stated.

Table 9. Number and percent distribution of days of care for patients discharged from short-stay hospitals by color and age, according to sex: United States, 1966

	Roth		Fen	ale	Doth		Fem	ale	
Color and age	Both sexes ¹	Male	Including deliveries	Excluding deliveries	Both sexes ¹	Male	Including deliveries	Excluding deliveries	
<u>Total</u>	Number	of days	of care in	thousands	Percent distribution				
All ages ²	234,055	99,081	134,405	118,405	100.0	100.0	100.0	100.0	
Under 15 years- 15-44 years 45-64 years 65+ years	23,872 76,921 67,069 65,791	13,790 24,770 31,588 28,748	10,034 52,059 35,294 36,812	9,995 36,128 35,264 36,812	10.2 32.9 28.7 28.1	13.9 25.0 31.9 29.0	7.5 38.7 26.3 27.4	8.4 30.5 29.8 31.1	
<u>White</u> All ages ²	186,599	79,514	106,777	94,659	100.0	100.0	100.0	100.0	
Under 15 years- 15-44 years 45-64 years 65+ years	17,555 59,101 54,286 55,344	10,370 19,212 25,544 24,241	7,174 39,837 28,655 30,947	7,163 27,751 28,632 30,947	9.4 31.7 29.1 29.7	13.0 24.2 32.1 30.5	6.7 37.3 26.8 29.0	7.6 29.3 30.2 32.7	
All other All ages ²	24,495	10,307	14,123	11,929	100.0	100.0	100.0	100.0	
Under 15 years- 15-44 years 45-64 years 65+ years	4,126 10,055 6,123 4,151	2,182 3,171 2,995 1,935	1,938 6,878 3,104 2,188	1,913 4,715 3,098 2,188	16.8 41.1 25.0 16.9	21.2 30.8 29.1 18.8	13.7 48.7 22.0 15.5	16.0 39.5 26.0 18.3	
Color not stated				:					
All ages ²	22,962	9,261	13,506	11,818	100.0	100.0	100.0	100.0	
Under 15 years- 15-44 years 45-64 years 65+ years	2,191 7,765 6,660 6,296	1,238 2,387 3,050 2,572	922 5,345 3,535 3,677	919 3,662 3,534 3,677	9.5 33.8 29.0 27.4	13.4 25.8 32.9 27.8	6.8 39.6 26.2 27.2	7.8 31.0 29.9 31.1	

 $^{^{1}}$ Includes discharge data for which sex was not stated.

 $^{^2}$ Includes discharge data for which age was not stated.

Table 10. Average length of stay for patients discharged from short-stay hospitals by color, age, and sex: United States, 1966

			Female		
Color and age	Both sexes Mal	Male	Including deliveries	Excluding deliveries	
		N			
<u>Total</u>	Ave	erage leng	th of stay i	n days	
All ages ²	8.1	8.7	7.7	8.6	
Under 15 years	5.2	5.4	5.1	5.1	
15-44 years	6.1	7.1	5.7	6.5	
45-64 years	10.2	10.3	10.1	10.1	
65 years and over	13.4	12.8	13.8	13.8	
White					
All ages ²	0.7		7.0		
-	8.1	8.6	7.8	8.6	
Under 15 years	4.9	5.1	4.6	4.6	
15-44 years	6.0	7.0	5.7	6.4	
45-64 years	10.0	10.0	. 9.9	9.9	
65 years and over	13.5	12.9	13.9	13.9	
All other					
All ages ²	8.9	10.7	8.0	9.8	
Under 15 years	8.5	8.0	9.1	9.3	
15-44 years	6.5	9.2	5.8	7.3	
45-64 years	13.7	14.0	13.5	13.5	
65 years and over	15.6	14.6	16.6	16.6	
Color not stated	~				
All ages ²	_ ,	7 0			
	7.4	7.8	7.2	8.1	
Under 15 years	4.4	4.5	4.3	4.3	
15-44 years	5.7	6.5	5.3	6.3	
45-64 years	9.7	9.7	9.6	9.6	
65 years and over	11.9	11.3	12.3	12.3	

 $^{^{1}\}mathrm{Includes}$ discharge data for which sex was not stated.

 $^{^{2} \}mbox{Includes}$ discharge data for which age was not stated.

Table 11. Number and percent distribution of days of care for inpatients discharged from shortstay hospitals by geographic region and age, according to sex: United States, 1966

	I		Fem	ale	, di		Fema	ale
Region and age	Both sexes ¹	Male	Including deliveries	Excluding deliveries	Both sexes	Male	Including deliveries	Excluding deliveries
A31	NT	- 5 3		t		D 1		
All regions		_	of care in t				distribution	1
All ages ³	234,055	99,081	134,405	118,405	100.0	100.0	100.0	100.0
Under 15 years-	23,872	13,790	10,034	9,995	10.2	13.9	7.5	8.4
15-44 years	76,921	24,770	52,059	36,128	32.9	25.0	38.7	30.5
45-64 years	67,069	31,588	35,294	35,264	28.7	31.9	26.3	29.8
65+ years	65,791	28,748	36,812	36,812	28.1	29.0	27.4	31.1
Northeast		-						-
All ages 2	61,470	26,430	34,826	30,392	100.0	100.0	100.0	100.0
Under 15 years-	6,089	3,458	2,620	2,614	9.9	13.1	7.5	8.6
15-44 years	18,527	6,078	12,430	8,012	30.1	23.0	35.7	26.4
45-54 years	18,509	8,943	9,494	9,483	30.1	33.8	27.3	31.2
65+ years	18,229	7,891	10,226	10,226	29.7	29.9	29.4	33.6
North Central			•					
All ages ²	73,120	30,619	42,323	37,248	100.0	100.0	100.0	100.0
Under 15 years-	8,032	4,759	3,243	3,225	11.0	15.5	7.7	8.7
15-44 years	23,035	7,212	15,787	10,735	31.5	23.6	37.3	28.8
45-64 years	20,672	9,434	11,181	11,176	28.3	30.8	26.4	30.0
65+ years	21,284	9,168	12,064	12,064	29.1	29.9	28.5	32.4
South								
All ages ²	67,193	28,271	38,793	34,672	100.0	100.0	100.0	100.0
Under 15 years-	6,946	3,888	3,054	3,040	10.3	13.8	7.9	8.8
15-44 years	24,256	7,769	16,453	12,353	36.1	27.5	42.4	35.6
45-64 years	18,441	8,766	9,626	9,618	27.4	31.0	24.8	27.7
65+ years	17,403	7,780	9,590	9,590	25.9	27.5	24.7	27.7
West								
All ages ²	32,273	13,761	18,463	16,093	100.0	100.0	100.0	100.0
Under 15 years-	2,806	1,685	1,118	1,116	8.7	12.2	6.1	6.9
15-44 years	11,102	3,712	7,389	5,027	34.4	27.0	40.0	31.2
45-64 years	9,448	4,445	4,993	4,986	29.3	32.3	27.0	31.0
65+ years	8,875	3,909	4,932	4,932	27.5	28.4	26.7	30.6

¹Includes discharge data for which sex was not stated.

²Includes discharge data for which age was not stated.

Table 12. Annual rate of days of care for patients discharged from short-stay hospitals by geographic region, age, and sex: United States, 1966

Region and age	Both	Male	Female		
Kegron and age	sexes ¹	riate	Including deliveries	Excluding deliveries	
All regions	Numbe	r of days	of care pe ion per year	er 1,000	
All ages ²	1,221.4	1,070.0	1,357.1	1,195.6	
Under 15 years	398.8	452.8	341.2	339.9	
15-44 years	1,025.3	693.8	1,323.9	918.8	
45-64 years	1,718.8	1,688.1	1,737.7	1,736.3	
65 years and over	3,712.0	3,720.0	3,682.7	3,682.7	
• <u>Northeast</u>					
All ages	1,308.9	1,172.0	1,426.5	1,244.8	
Under 15 years	446.0	497.4	390.9	390.0	
15-44 years	1,022.8	705.7	1,308.1	843.2	
45-64 years	1,761.9	1,798.6	1,715.8	1,714.0	
65 years and over	3,885.0	3,916.4	3,820.1	3,820.1	
North Central			,		
All ages ²	1,355.5	1,164.4	1,530.9	1,347.3	
Under 15 years	472.5	549.5	388.9	386.8	
15-44 years	1,113.2	722.0	1,475.0	1,003.0	
45-64 years	1,873.7	1,764.0	1,966.7	1,965.8	
65 years and over	4,078.2	3,989.4	4,130.0	4,130.0	
South					
All ages2	1,134.3	995.0	1,258.5	1,124.8	
Under 15 years	363.3	400.6	324.4	323.0	
15-44 years	1,025.9	699.5	1,312.4	985.3	
45-64 years	1,630.2	1,637.0	1,615.9	1,614.6	
65 years and over	3,369.5	3,464.1	3,286.4	3,286.4	
West					
All ages ²	1,024.9	897.2	1,143.1	996.4	
Under 15 years	277.8	327.7	225.5	225.1	
15-44 years	883.1	619.6	1,122.9	764.0	
45-64 years	1,531.2	1,463.7	1,593.2	1,591.1	
65 years and over	3,350.2	3,343.5	3,332.6	3,332.6	

¹Includes discharge data for which sex was not stated.

 $^{^{\}S}$ Includes discharge data for which age was not stated.

Table 13. Average length of stay for patients discharged from short-stay hospitals by geographic region, age, and sex: United States, 1966

	Both		Female		
Region and age	sexes ¹	Male	Including deliveries	Excluding deliveries	
All regions	Ave	rage leng	th of stay i	n days	
All ages ²	8.1	8.7	7.7	8.6	
Under 15 years	5.2 6.1 10.2 13.4	5.4 7.1 10.3 12.8	5.1 5.7 10.1 13.8	5.1 6.5 10.1 13.8	
Northeast			,		
All ages2	9.5	10.4	8.9	10.0	
Under 15 years	5.6 6.9 12.2 15.8	5.6 8.8 12.6 15.2	5.7 6.2 11.9 16.2	5.7 7.0 11.9 16.2	
North Central					
All ages ²	8.4	9.0	8,1	9.1	
Under 15 years	5.5 6.2 10.7 13.9	5.8 7.2 10.7 13.1	5.2 5.8 10.7 14.5	5.2 6.6 10.7 14.5	
South					
All ages ²	7.4	7.8	7.1	7.8	
Under 15 years	5.1 5.8 8.9 11.6	5.2 6.5 9.0 11.2	5.0 5.5 8.9 11.9	5.0 6.5 8.9 11.9	
West				٠	
All ages ²	7.1	7.6	6.7	7.5	
Under 15 years	4.3 5.3 8.7 12.4	4.4 6.3 8.8 12.0	4.0 4.9 8.7 12.6	4.0 5.6 8.7 12.6	

 $^{^{1}\}mbox{Includes}$ discharge data for which sex was not stated.

١

²Includes discharge data for which age was not stated.

Table 14. Number and percent distribution of days of care for patients discharged from shortstay hospitals by size of hospital and age, according to sex: United States, 1966

	D-41-		Fem	ale	77.4-2-		Fer	nale
Size of hospital and age	Both sexes ¹	Male	Including deliveries	Excluding deliveries	Both sexes ¹	Male	Including deliveries	Excluding deliveries
All sizes	Number	of days	of care in t	housands		Perce	nt distributi	on
All ages 2 -	234,055	99,081	134,405	118,405	100.0	100.0	100.0	100.0
Under 15 years- 15-44 years 45-64 years 65+ years	23,872 76,921 67,069 65,791	13,790 24,770 31,588 28,748	10,034 52,059 35,294 36,812	9,995 36,128 35,264 36,812	10.2 32.9 28.7 28.1	13.9 25.0 31.9 29.0	7.5 38.7 26.3 27.4	8.4 30.5 29.8 31.1
6-99 beds All ages ² -	47,419	18,140	29,083	26,050	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	3,998 14,616 12,243 16,477	2,269 4,252 5,034 6,544	1,719 10,342 7,184 9,794	1,713 7,322 7,178 9,794	8.4 30.8 25.8 34.7	12.5 23.4 27.7 36.1	5.9 35.6 24.7 33.7	6.6 28.1 27.6 37.6
100-199 beds						ļ		
All ages ² -	46,032	19,856	26,052	22,524	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	5,219 15,486 12,604 12,653	2,989 5,209 5,958 5,664	2,221 10,250 6,600 6,948	2,212 6,740 6,592 6,948	11.3 33.6 27.4 27.5	15.1 26.2 30.0 28.5	8.5 39.3 25.3 26.7	9.8 29.9 29.3 30.8
200-299 beds								
All ages 9 -	43,632	18,589	24,980	21,992	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	3,727 14,100 13,134 12,607	2,202 4,526 6,174 5,660	1,520 9,555 6,955 6,914	1,518 6,579 6,945 6,914	8.5 32.3 30.1 28.9	11.8 24.3 33.2 30.5	6.1 38.2 27.8 27.7	6.9 29.9 31.6 31.4
300-499 beds								
All ages ² -	51,425	21,773	29,563	25,869	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	5,329 16,736 16,091 13,147	3,213 5,063 7,599 5,843	2,099 11,653 8,458 7,288	2,095 7,964 8,456 7,288	10.4 32.5 31.3 25.6	14.8 23.3 34.9 26.8	7.1 39.4 28.6 24.7	8.1 30.8 32.7 28.2
500+ beds]						
All ages ² -	45,547	20,723	24,727	21,969	100.0	100.0	100.0	100.0
Under 15 years 15-44 years 45-64 years 65+ years	5,600 15,983 12,996 10,906	3,117 5,720 6,823 5,037	2,475 10,258 6,096 5,868	2,457 7,522 6,093 5,868	12.3 35.1 28.5 23.9	15.0 27.6 32.9 24.3	10.0 41.5 24.7 23.7	11.2 34.2 27.7 26.7

¹Includes discharge data for which sex was not stated.

 $^{^2}$ Includes discharge data for which age was not stated.

Table 15. Average length of stay for patients discharged from short-stay hospitals by size of hospital, age, and sex: United States, 1966

		1		·	
			Female		
Size of hospital and age	Both sexes ¹	Male	Including deliveries	Excluding deliveries	
All sizes	Average length of stay in days				
All ages ²	8.1	8.7	7.7	8.6	
Under 15 years	5.2 6.1 10.2 13.4	5.4 7.1 10.3 12.8	5.1 5.7 10.1 13.8	5.1 6.5 10.1 13.8	
6-99 beds					
All ages ²	6.8	6.7	6.9	7.6	
Under 15 years	3.9 4.9 7.9 12.0	4.0 5.1 7.3 11.0	3.8 4.8 8.4 12.6	3.8 5.5 8.4 12.6	
100-199 beds	•	,			
All ages ²	7.3	7.9	6.9	7.6	
Under 15 years	4.7 5.6 9.1 12.2	4.8 6.9 9.2 12.0	4.5 5.1 9.0. 12.5	4.6 5.6 9.1 12.5	
200-229 beds					
All ages ²	8.3	8.8	7.9	8.8	
Under 15 years	4.6 6.2 10.5 13.7	4.8 7.2 10.5 13.4	4.4 5.8 10.5 14.0	4.4 6.6 10.5 14.0	
300-499 beds					
All ages ²	8.5	9.2	8.0	8.9	
Under 15 years	5.4 6.2 11.1 13.9	5.7 7.2 11.6 13.4	4.9 5.9 10.8 14.4	4.9 6.7 10.8 14.4	
500 beds or more					
All ages ²	10.9	12.2	10.0	11.5	
Under 15 years	9,0 8.2 13.6 17.1	8.7 10.7 14.0 16.2	9.4 7.2 13.0 18.0	9.4 8.8 13.1 18.0	

¹Includes discharge data for which sex was not stated.

 $^{^2 \, \}mathrm{Includes}$ discharge data for which age was not stated.

Table 16. Number and percent distribution of days of care for patients discharged from shortstay hospitals by type of ownership (control) of hospital and age, according to sex: United States, 1966

Type of			Fen	nale			Fema	le	
ownership and age	Both sexes ¹	Male	Including deliveries	Excluding deliveries	Both sexes ¹	Male	Including deliveries	Excluding deliveries	
All types	Number	of days	of care in t	housands	Percent distribution				
All ages 2	234,055	99,081	134,405	118,405	100.0	100.0	100.0	100.0	
Under 15 years-	23,872	13,790	10,034	9,995	10.2	13.9	7.5	8.4	
15-44 years	76,921	24,770	52,059	36,128	32.9	25.0	38.7	30.5	
45-64 years	67,069	31,588	35,294	35,264	28.7	31.9	26.3	29.8	
65+ years	65,791	28,748	36,812	36,812	28.1	29.0	27.4	31.1	
Voluntary nonprofit									
All ages ²	169,059	70,924	97,850	85,905	100.0	100.0	100.0	100.0	
Under 15 years-	16,666	9,723	6,915	6,894	9.9	13.7	7.1	8.0	
15-44 years	53,726	16,458	37,211	25,307	31.8	23.2	38.0	29.5	
45-64 years	50,273	23,610	26,556	26,537	29.7	33.3	27.1	30.9	
65+ years	48,131	21,021	27,027	27,027	28.5	29.6	27.6	31.5	
Government									
All ages 2	48,397	21,310	26,844	23,669	100.0	100.0	100.0	100.0	
Under 15 years-	5,595	3,127	2,451	2,434	11.6	14.7	9.1	10.3	
15-44 years	16,832	5,877	10,931	7,782	34.8	27.6	40.7	32.9	
45-64 years	12,306	6,145	6,086	6,077	25.4	28.8	22.7	25.7	
65+ years	13,584	6,112	7,346	7,346	28.1	28.7	27.4	31.0	
Proprietary	:								
All ages ²	16,599	6,847	9,712	8,831	100.0	100.0	100.0	100.0	
Under 15 years-	1,612	941	667	667	9.7	13.7	6.9	7.6	
15-44 years	6,362	2,435	3,917	3,039	38.3	35.6	40.3	34.4	
45-64 years	4,491	1,834	2,652	2,649	27.1	26.8	27.3	30.0	
65+ years	4,076	1,615	2,439	2,439	24.6	23.6	25.1	27.6	

 $^{^{1}}$ Includes discharge data for which sex was not stated.

 $^{^{2}}$ Includes discharge data for which age was not stated.

Table 17. Average length of stay for patients discharged from short-stay hospitals by type of ownership (control) of hospital, age, and sex: United States, 1966

Type of ownership and age			Female		
		Male	Including deliveries	Excluding deliveries	
All types Avera			h of stay in	days	
All ages ²	8.1	8.7	7.7	8.6	
Under 15 years	5.2	5.4	5.1	5.1	
15-44 years	6.1	7.1	5.7	6.5	
45-64 years	10.2	10.3	10.1	10.1	
65 years and over	13.4	12.8	13.8	13.8	
Voluntary nonprofit					
All ages ²	8.2	8.7	7.9	8.8	
Under 15 years	5.0	5.2	4.8	4.8	
15-44 years	6.6	7.0	5.7	6.5	
45-64 years	10.5	10.5	10.4	10.4	
65 years and over		13.0	14.2	14.2	
Government			•		
All ages ²	8.6	9.4	8.0	9.2	
Under 15 years	6.8	6.7	6.8	6.9	
15-44 years	6.4	7.9	5.8	7.0	
45-65 years	10.5	10.6	10.3	10.3	
65 years and over	13.8	13.3	14.1	14.1	
Proprietary					
All ages ²	6.5	6.8	6.2	6.7	
Under 15 years	3.9	4.1	3.7	3.7	
15-44 years	5.5	6.9	4.9	5.5	
45-64 years	7.4	7.2	. 7.5	7.5	
65 years and over	10.5	10.2	10.7	10.7	

¹Includes discharge data for which sex was not stated.

 $^{^2\}mbox{Includes}$ discharge data for which age was not stated.

APPENDIX I

TECHNICAL NOTES ON METHODS

Statistical Design of the Hospital Discharge Survey

Scope of the survey.—The scope of the Hospital Discharge Survey (HDS) encompasses noninstitutional general and special (e.g. children's, maternity) hospitals exclusive of military and Veterans Administration hospitals which have six beds or more for inpatient use, are located in the 50 States and the District of Columbia, and which have an average length of stay of less than 30 days. All discharges of inpatients from these hospitals are in the scope of the survey except those of well newborn infants.

Sampling frame and size of sample.—The universe (sampling frame) for the Hospital Discharge Survey consists of the short-stay hospitals exclusive of military and Veterans Administration hospitals which are included in the Master Facility Inventory of Hospitals and Institutions (MFI). A detailed description of how the MFI was developed, its content, plans for maintaining it, and procedures for assessing the completeness of its coverage is published in an earlier report. The was developed.

There were 6,965 hospitals in the universe. The distribution of short-stay hospitals by bed size and region in the universe and in the HDS sample is shown in table I. Of the 315 hospitals in the sample for 1966, 300 hospitals submitted abstracts of records for 1 month or more; six hospitals were ruled out of scope of the survey because they failed to meet the definition of a short-stay hospital, and nine hospitals refused to participate. Approximately 137,000 abstracts were received from the 300 hospitals that participated during 1966.

Sample design.—All hospitals with 1,000 beds or more in the universe of short-stay hospitals were selected with certainty in the sample. All hospitals with less than 1,000 beds were stratified, the primary strata being the 24 size-by-region classes of less than 1,000 beds, as shown in table I. Within each of these 24 primary strata, the allocation of the hospitals was made through a controlled selection technique so that hospitals in the sample would be properly distributed with regard to ownership and geographic division. Sample hospitals were drawn with probabilities

ranging from certainty for the largest hospitals to 1 in 40 for the smallest hospitals.

The within-hospital sampling ratio for selecting discharges varied inversely with the probability of selection of the hospital. The smallest sampling fraction of discharged patients was taken in the largest hospitals, and the largest fraction was taken in the smallest hospitals. This was done to compensate for the fact that hospitals were selected with probabilities proportionate to their bed size class and to assure that the overall probability of selecting a discharge would be approximately the same in all hospitals.

In nearly all hospitals the daily listing sheet of discharges was the frame from which the subsamples of discharges were selected within the sample hospitals. The sample discharges were selected by random technique, usually on the basis of the terminal digit(s) of the patient's medical record number—a number assigned when the patient was admitted to the hospital. If the hospital's daily discharge listing did not show the medical record numbers, the sample was selected by starting with a randomly selected discharge and taking every $k^{\rm th}$ discharge thereafter.

Estimation.—Statistics produced by the Hospital Discharge Survey are derived by an involved estimating procedure. The basic unit of estimation is the sample patient abstract. The estimating procedure used to produce essentially unbiased national estimates in the Hospital Discharge Survey has three principal components: (1) inflation by reciprocals of the Probabilities of sample selection, (2) adjustment for honresponse, and (3) ratio adjustments to fixed totals. These components are described in the appendixes of two earlier publications. 1, 2

Data Collection and Processing

Data Collection.—Depending on the study procedure agreed on with the hospital administrator, the sample selection and the transcription of information from the hospital records to the abstract form were performed either by the hospital staff or by representatives of the National Center for Health Statistics (NCHS), or by both. In more than three-quarters of the hospitals that participated in the HDS during 1966, this work

Table I. Distribution of short-stay hospitals in the universe (MFI) and in the Hospital Discharge Survey sample, and number of hospitals participating in the survey, by size of hospital and geographic region: United States, 1966

	1	<u> </u>			
Size of hospital	. All regions	North- east	North Central	South	West
All sizes		Number of hospitals			
Universe Total sample Number participating	6,965 315 300	1,107 85 83	1,979 93 90	2,620 91 86	1,259 46 41
6-49 beds			:		
Universe Total sample Number participating	3,113 39 34	199 5 4	830 11 10	1,438 15 13	646 8 7
50-99 beds					
Universe Total sample Number participating	1,623 44 41	288 8 8	442 12 12	587 16 15	306 8 6
100-199 beds					
Universe Total sample Number participating	1,144 63 62	277 16 16	378 20 19	332 19 19	157 8 8
200-299 beds					
Universe Total sample Number participating	552 55 53	182 19 19	151 16 16	134 12 12	85 8 6
300-499 beds					
UniverseTotal sampleNumber participating	386 59 55	110 16 15	129 19 18	96 16 14	51 8 8
500-999 beds					
Universe Total sample Number participating	129 37 37	42 12 12	46 12 12	28 8 8	13 5 5
1,000 beds or more					
Universe Total sample Number participating	18 18 18	9 9 9	3 3 3	5 5 5	1 1 1

CONFIDENTIAL- This information is collected under authority of Public Law 652 of the 84th Congress (70 Stat. 489; 42 U.S.C. 242.c.). All information ation which would permit identification of an individual or an establishment will be held strictly confidential, will be used only by persons engaged in and for the purposes of the survey and will not be disclosed or released to other persons or used for any other purpose (22 FR 1687). DEPARTMENT OF Form Approved: Budget Bureau No. 68-R620.R2 HEALTH, EDUCATION, AND WELFARE PHS-4734-2 8-54 PUBLIC HEALTH SERVICE 1. HOSPITAL NUMBER NATIONAL CENTER FOR HEALTH STATISTICS ABSTRACT OF PATIENT RECORD-Hospital Discharge Survey ::::: ===== ::::: ::::: ===== ---------------===== ===== ===== ===== ===== ===== PATIENT NUMBER 7 2 5 =====e ===== ::::: ::::: ::::: ::::: ::::: ::::: ::::: ::::: ::::: ===== ===== ===== ---------===== ===== ::::: ::::: ===== ===== ===== ===== ::::: ::::: ===== ===== ===== ===== ----------::::: ===== ::::: ===== -----===== ---------------===== ----------MEDICAL RECORD NUMBER ::::: ===== ::::: ::::: ::::: ===== ::::: ----::::: ===== ===== ===== ===== ===== 1 ===== DATE OF BIRTH MONTH ::::: -----1 2 3 ===== 0 Complete 4b and 4c if ===== ===== ===== units 22222 ===== ===== date of birth is not given. ===== 1800 ===== 1900 YFAR ::::: ===== ::::: 0 --------------------HAITS ----------===== ----4.b. AGE 0 1. 2 3 4 HMITS ----------===== 4.c. AGE IS STATED IN IIIII YEARS ::::: MONTHS 5. SEX IIII MALE ::::: FEMALE ssees "NONWHITE! TETES WHITE COLOR TTTT NOT STATED ::::: OTHER NONWHITE TTTT DIVORCED MARITAL STATUS IIII SEPARATED ::::: SINGLE TTTT WIDOWED ::::: NOT STATED ::::: F MONTH S 0 N 3 DATE OF ADMISSION TENS 6 7 B 4 5 6 7 8 0 ::::: , 2 YEAR MONTH M Y W 1 A S G N, D DATE OF DISCHARGE DAY 0 1 2 3 4 5 6 7 8 9 YEAR ===== 2 3 6 8 10. DISCHARGE STATUS TITE ALIVE IBM H91234

Figure 1. Nonmedical section of optical mark page reader form.

was performed by the medical records department of the hospital. In nearly all the remaining hospitals, the work was performed by personnel of the U.S. Bureau of the Census acting for NCHS.

During 1966, survey hospitals used an optical mark page reader form (abstract form) to transcribe data from the hospital records. A copy of the front of this form, which covers the nonmedical data presented in this report, is shown as figure I. The reverse of the form is used to record discharge diagnoses and surgical operations and procedures. The use of this form enabled the coded information to be converted directly to computer tape by an optical mark page reader machine.

Data processing and editing of data.—Shipments of completed abstract forms for each sample hospital were transmitted along with sample selection control sheets to NCHS for processing. Every shipment of abstracts was reviewed; each abstract form was checked for completeness; and problems were referred to the hospitals for clarification and correction when necessary.

The nonmedical data on the front of the abstract form was converted directly to computer tape by the optical mark page reader machine. The abstract forms were then transmitted to the medical coding section where the diagnoses and operations were coded.

After the diagnoses and operations were coded, the medical portion of each abstract was converted to tape and was matched with its corresponding non-medical portion. Final editing of the data consisted of a computer inspection to test the validity of the operation and diagnoses codes and also of a comparision of the codes with the age and sex information on the abstract form. The rejected information was reviewed and corrected. In making editing decisions, priority was given to the medical information.

The majority of rejects were corrected by reviewing and editing the information on the abstract forms. However, where it was impossible to correct the code of a rejected item, that item was coded and tabulated as "not stated." This procedure was applied to all items except "date of admission" and "date of discharge," which were not permitted to be coded as "not stated." In instances where these data could not be obtained from the abstract form, the monthly sample listing sheet, transmitted by the sample hospital, was used as an additional source of information. If the dates could not be established from the sample listing sheet, the information was requested from the hospital.

Population Estimates

Population estimates used to compute rates for 1966 HDS data are unpublished estimates for the U.S. civilian, noninstitutional population as of July 1, 1966, provided by the Bureau of the Census.

Table II. Civilian, noninstitutional population used to compute rates shown in this publication, by sex and age: United States, July 1, 1966

Age	Both sexes	Male	Female	
All ages	Population			
Under 1 year	3,649	1,862	1,787	
	16,147	8,242	7,905	
	40,072	20,354	19,718	
	29,778	14,098	15,680	
	21,627	10,293	11,334	
	23,617	11,309	12,308	
	21,999	10,606	11,393	
	17,023	8,106	8,917	
	11,323	5,051	6,272	
	6,401	2,677	3,724	
Under 65 years Under 15 years 15-44 years 45-64 years 65 years and over	173,910	84,869	89,041	
	59,868	30,458	29,410	
	75,021	35,700	39,322	
	39,021	18,711	20,309	
	17,724	7,728	9,996	

¹Consistent with the population estimates published by the U.S. Bureau of the Census in Current Population Reports, Series P-25, No. 385.

Population estimates by age and sex for the United States (table II) are consistent with estimates of the civilian, resident population published by the Bureau of the Census in *Current Population Reports*, Series P-25, No. 385, but they are not official population estimates. Estimates by age for geographic regions (table III) are consistent with State estimates published by the Bureau of the Census in *Current Population Reports*, Series P-25, No. 420, and with current estimates by age and sex for the United States. Estimates of the regional population by age according to sex were provided by the Bureau of the Census specifically for use in the HDS.

General Qualifications

Rounding of numbers.—Estimates of the number of discharges and days of care have been rounded to the nearest thousand for tabular presentation. For this reason, detailed figures within the tables do not always add to totals. Percents and rates were calculated on the basis of original unrounded figures and will not necessarily agree with rates and percents which may be calculated from rounded data.

Patient characteristics "not stated."—Age and sex or one of these characteristics was not stated for less than 1 percent of all discharges. Color, on the other hand, was not stated on the hospital records of

Table III. Civilian, noninstitutional population used to compute rates in this publication, by geographic region and age: United States, July 1, 1966

Age	All regions	Northeast	North Central	South	West
		Populati	on in thous	ands ¹	
All ages	191,634	46,965	53,942	59,238	31,489
Under 65 years	173,910 59,868 75,021 39,021	42,272 13,653 18,114 10,505	48,723 16,998 20,692 11,033	54,074 19,118 23,644 11,312	28,841 10,099 12,572 6,170
65 years and over	17,724	4,692	5,219	5,165	2,649

¹Consistent with the population estimates by State published by the U.S. Bureau of the Census in Current Population Reports, Series P-25, No. 420.

sample hospitals (face sheet of patient's medical record) for approximately 11 percent of all discharged patients. The proportion varied considerably among hospitals, ranging from less than 1 to 90 percent. For this reason, rates by color were not computed, and no comparisons have been made with 1965 data.

Reliability of Estimates

Estimates from sample surveys such as the Hospital Discharge Survey are subject to two types of errors—measurement or nonsampling errors and sampling errors. Measurement errors, which can occur in a complete count or census as well as in a sample survey, are due to nonresponse, reporting errors, processing errors, and other sources of errors that occur in a survey. Sampling errors occur because a sample instead of a complete count or census is taken.

Measurement errors.—In this survey measurement or nonsampling errors include errors which are due to hospital nonresponse, missing abstracts, information incompletely or inaccurately recorded on abstract forms, and processing errors. Some of these have been discussed in earlier sections. However, further study is needed to determine the effects of measurement errors on the reliability of the estimates derived from the survey.

Sampling errors.—In this survey the standard error is primarily a measure of the sampling variability that occurs by chance because the estimates are based on a sample of discharges from a sample of short-stay hospitals rather than on all discharges from all short-stay hospitals. The relative standard error of an estimate is obtained by dividing the standard error of the estimate by the estimate itself and is expressed as a percentage of the estimate.

The chances are about 68 out of 100 that the value obtained in a complete enumeration is contained in the interval represented by the estimate plus and minus one standard error of the estimate; 95 out of 100 for two standard errors; and 99 out of 100 for 2% standard errors. Applying the illustration at the bottom of figure II, the chances are about 68 out of 100 that the value that would be obtained in a complete enumeration is contained in the interval 2,688,000 ± 4.2 percent of 2,688,000 (between 2,575,000 and 2,801,000); 95 out of 100 for the interval 2,688,000 ± 4.2 percent of 2,688,000 multiplied by 2; 99 out of 100 for the interval 2,688,000 multiplied by 2.5.

The standard error of one statistic is generally different from that of another even when the two come from the same survey. In order to derive standard errors that would be applicable to a wide variety of statistics and that could be prepared at a moderate cost, a number of approximations were required. As a result, figures II and III and tables IV and V provide general standard errors for a wide variety of estimates rather than the specific error for any statistic.

The relative standard errors and approximate standard errors of percentages that have been prepared for this report are applicable to estimates of discharges and days of care for patient characteristics (age, sex, and color and cross-classifications, e.g., age by sex) cross-classified by one of four hospital groupings as follows: (1) by region (e.g., Northeast), (2) by size (eg., 6-99 beds), (3) by type of ownership (e.g., government), or (4) by hospitals summed over all region, size, and ownership groups (all hospitals). The particular figure or table to which one refers to obtain a sampling error is contingent upon both the type of estimate (e.g., discharges) and the hospital grouping

Figure II. Approximate relative standard errors of estimated numbers of patients discharged for patient characteristics, by geographic region, size of hospital, and type of ownership, and for all hospitals.

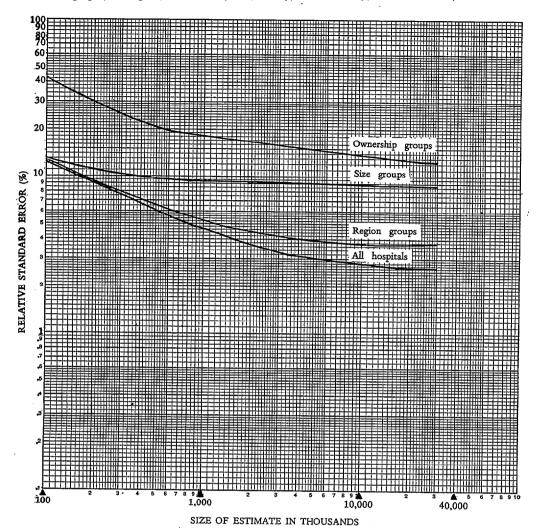


Illustration of use of figure II: As shown in table 3, an estimated 2,688,000 patients aged 15-44 years were discharged within the Northeast Region. The relative standard error of this estimate as read from the line "Region groups" is approximately 4.2 percent: the standard error of 2,688,000 is 112,896 (4.2 percent of 2,688,000).

with which the patient characteristic(s) is crossclassified. The rules that apply are as follows:

- Rule 1. Estimated number of discharges: Relative standard errors of estimated numbers of discharges are obtained from the curves shown in figure II.
- Rule 2. Estimated numbers of days of care:

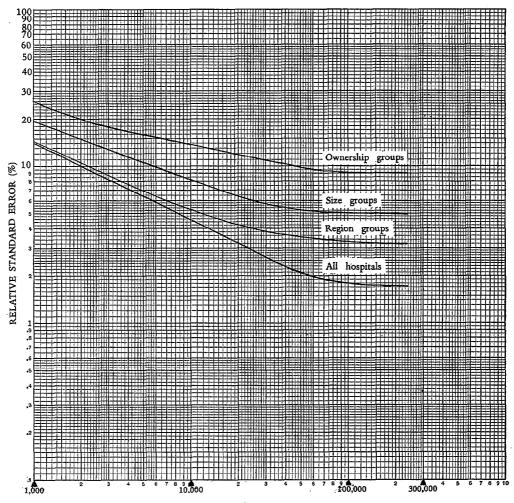
 Relative standard errors of estimated numbers of days of care are obtained from the curves in figure III.
- Rule 3. Estimated percentages of discharges in a percent distribution: Approximate standard errors of estimated percentages of discharges when the characteristic(s) used

- to form the numerator of the percentage is a subclass of the denominator are shown in table IV.
- Rule 4. Estimated percentages of days of care in a percent distribution: Approximate standard errors of estimated percentages of days of care when the characteristic(s) used to form the numerator is a subclass of the denominator are shown in table V.

Approximate standard errors of average length of stay can be calculated as in the following example.

Suppose the standard error $(\sigma_{R'})$ of the average length of stay for males aged 35-44 years for all hospitals is desired. The estimated number of dis-

Figure III. Approximate relative standard errors of estimated number of days of care for patient characteristics, by geographic region, size of hospital, and type of ownership, and for all hospitals.



SIZE OF ESTIMATE IN THOUSANDS

<u>Illustration of use of figure III</u>: As shown in table 16, an estimated 6,362,000 days of care were provided to patients aged 15.44 years in proprietary hospitals. The relative standard error of this estimate as read from the line "Ownership groups" is approximately 15.0 percent: the standard error is 954,300 (15.0 percent of 6,362,000).

charges for this statistic is 1,277,000 (table 1), and the estimated number of days of care is 10,435,000 (table 7).

Let
$$R' = \frac{\text{Number of days of care}}{\text{Number of discharges}}$$

$$=\frac{X'}{Y'} = \frac{10,435,000}{1,277,000} = 8.2 \text{ days}.$$

The relative standard error $(V_{x'})$ of 10,435,000 (from all hospitals curve in figure III) is 4.4 percent, or .044;

 $V_{x'}^2 = (.044)^2$. The relative standard error $(V_{y'})$ of 1,277,000 (from all hospitals curve in figure II) is 4.2 percent, or .042; $V_{y'}^2 = (.042)^2$.

$$V_{R'}^{2} = V_{x'}^{2} + V_{y'}^{2} - 2r V_{x'} V_{y'}$$

$$= (.044)^{2} + (.042)^{2} - 1.5 (.044 \times .042)$$

$$= .001936 + .001764 - .002772 = .000928$$

$$V_{R'}^{2} = \sqrt{.000928} = .030$$

$$\sigma_{R'}^{2} = R' \times V_{R'}^{2} = 8.2 \times .030 = 0.2 \text{ days.}$$

Table IV. Approximate standard errors of percentages shown in this report for discharges: patient characteristics classified by geographic region and size of hospital, and for all hospitals

(Standard errors for patient characteristics classified by type of ownership are $3\frac{1}{2}$ times the standard errors shown in this table)

Nambara of 1	Estimated percent					
Number of dis- charges (base of percent)	2 or 98	4 or 96	10 or 90	20 or 80	30 or 70	50
	Stan		error			in
200,000 500,000 1,000,000 2,000,000 6,000,000 10,000,000 20,000,000 30,000,000	1.2 0.8 0.5 0.4 0.2 0.2 0.1	1.7 1.1 0.8 0.5 0.3 0.2 0.2	2.6 1.7 1.2 0.8 0.5 0.4 0.3 0.2	3.5 2.2 1.6 1.1 0.6 0.5 0.3	4.0 2.5 1.8 1.3 0.7 0.6 0.4 0.3	4.4 2.8 2.0 1.4 0.8 0.6 0.4 0.4

Illustration of the use of table IV: Table 2 shows that 27.6 percent of the 9,230,000 white male patients discharged from all hospitals were aged 45-64 years. Linear interpolation between the values shown in table IV will yield an approximate standard error of 0.6 percent for an estimate of 27.6 percent with a base of 9,230,000.

Table V. Approximate standard errors of percentages shown in this report for days of care: patient characteristics classified by geographic region and size of hospital, and for all hospitals

(Standard errors for patient characteristics classified by type of ownership are 2 times the standard errors shown in this table)

Number of days of care (base of percent)	Estimated percent					
	2 or 98	4 or 96	10 or 90	20 or 80	30 or 70	50
	Stan		error entag			in
2,000,000 6,000,000 10,000,000 20,000,000 100,000,000 200,000,000 240,000,000	1.4 0.8 0.6 0.4 0.3 0.2 0.1	2.0 1.1 0.9 0.6 0.4 0.3 0.2	3.0 1.8 1.4 1.0 0.6 0.4 0.3 0.3	4.0 2.3 1.8 1.3 0.7 0.6 0.4 0.4	4.6 2.7 2.1 1.5 0.8 0.7 0.5 0.4	5.1 2.9 2.3 1.6 0.9 0.7 0.5

Illustration of the use of table V: Table 14 shows that of the 26,052,000 days of care provided to females (including those with deliveries) discharged from hospitals with 100-199 beds, 39.3 percent of the days were utilized by patients aged 15-44 years. Linear interpolation between the values shown in table V will yield an approximate standard error of 1.4 percent for an estimate of 39.3 percent with a base of 26,052,000.

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APPENDIX II

DEFINITIONS OF CERTAIN TERMS USED IN THIS REPORT

Terms Relating to Hospitalization

Inpatient.—A person who is formally admitted to the inpatient service of a short-stay hospital (see definition) for observation, care, diagnosis, or treatment. In this report the number of inpatients refers to the number of discharges during 1966, including multiple discharges of the same individual (if any), from one short-stay hospital or more. Newborn infants admitted by birth to the hospital from which discharged without mention of a disease, disorder, or immaturity (well newborn) are not in the scope of the Hospital Discharge Survey. "Inpatient" and "patient" are used synonymously.

Nonwell newborn infants.—Infants admitted by birth to the hospital from which discharged (alive or dead) with mention of a disease, disorder, or immaturity. "Nonwell newborn" and "newborn" are used synonymously.

Other infants.—Infants under 1 year of age at time of admission to the hospital inpatient service. In this report the number of discharges of "other infants" includes infants admitted on the day of birth, directly or by transfer from another medical facility, with or without mention of a disease, disorder, or immaturity.

Discharge.—The formal release of an inpatient by a hospital, that is, the termination of a period of hospitalization by death or by disposition to place of residence, nursing home, or another hospital. In this report the number of discharges from short-stay hospitals (alive or dead) is exclusive of well newborn infants. "Discharges" and "patients (or inpatients) discharged" are used synonymously.

Discharge rate.—The ratio of the number of hospital discharges (inpatients) during 1966 to the number of persons in the civilian, noninstitutional population as of July 1, 1966.

Days of care.—The total number of inpatient days accumulated at time of discharge by patients discharged from short-stay hospitals during 1966. A stay of less than 1 day (inpatient admission and discharge on the same day) is counted as 1 day in the summation of total days of care. For patients admitted and discharged

on different days, the number of days of care is computed by counting all days from (and including) the date of admission to (but not including) the date of discharge.

Rate of days of care.—The ratio of the number of inpatient days accumulated at time of discharge by patients discharged from short-stay hospitals during 1966 to the number of persons in the civilian, non-institutional population as of July 1, 1966.

Average length of stay.—The total number of inpatient days accumulated at time of discharge by patients discharged during 1966 divided by the number of patients discharged. "Average duration," "duration of stay," and "length of stay" are used interchangeably.

Hospitals and Hospital Characteristics

Short-stay hospitals.—General and short-term special hospitals having six beds or more for inpatient use and an average (mean) length of stay of less than 30 days. Military and Veterans Administration hospitals and hospital units of institutions are not included. "Hospitals" and "short-stay hospitals" are used synonymously.

Size of hospital.—Measured by the number of beds, cribs, and pediatric bassinets regularly maintained (set up and staffed for use) for inpatients; bassinets for newborn infants are not included. In this report the classification of hospitals by bed size is based on the number of beds at or near midyear reported by the hospitals.

Location of hospitals.—See "Geographic region."

Type of ownership (control) of hospital.—Refers to the type of organization that controls and operates the hospital. In this report the classification of hospitals by type of ownership is based on responses provided by sample hospitals. The hospitals are grouped as follows:

Voluntary nonprofit hospitals.—Hospitals operated by a church or another nonprofit organization. Government hospitals.—Hospitals operated by Federal, State, and local governments. (Military and Veterans Administration hospitals are excluded).

Proprietary hospitals.—Hospitals controlled by individuals, partnerships, or corporations for profit.

Demographic Terms

Age.—Refers to age at last birthday prior to admission to the hospital inpatient service (newborn infants excepted).

The aged.—Persons 65 years of age or older.

Color.—In this report patients are classified into two groups, "white" and "all other," based on information available on the hospital records of sample hospitals (face sheet of the inpatient's medical record). "White" includes Mexican and Puerto Rican unless patient is specifically identified with "all other."

Geographic region.—In this report hospitals are classified by location according to the four geographic regions of the United States which corresponds to those used by the U.S. Bureau of the Census.

Region

Manthagas

States Included

Maine New Hempehire Verment

Northeast	Maine, New Hampshire, Vermont,
	Massachusetts, Rhode Island, Con-
	necticut, New York, New Jersey,
	and Pennsylvania
North Central	Michigan, Ohio, Illinois, Indiana,
•	Wisconsin, Minnesota, Iowa, Mis-
	souri, North Dakota, South Dakota,
	Nebraska, and Kansas
South	Delaware, Maryland, District of Co-
	lumbia, Virginia, West Virginia,
	North Carolina, South Carolina,
	Georgia, Florida, Kentucky, Ten-
	nessee, Alabama, Mississippi, Ar-
	kansas, Louisiana, Oklahoma, and
	Texas
West	Montana, Idaho, Wyoming, Colorado,
	New Mexico, Arizona, Utah, Nevada,
	Washington, Oregon, California, Ha-
	waii, and Alaska
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