

Inpatient Utilization of Short-Stay Hospitals in Each Geographic Division United States – 1966 - 1968

Statistics are presented on the utilization of short-stay hospitals based on data collected in the Hospital Discharge Survey from a systematic sample of records of discharged patients obtained from a national sample of hospitals. Discharges, discharge rates, days of care, and average length of stay are distributed by age and sex according to geographic divisions.

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Under the legislation establishing the National Health Survey, the Public Health Service is authorized to use, insofar as possible, the services or facilities of other Federal, State or private agencies.

In accordance with specifications established by the National Center for Health Statistics, the Bureau of the Census, under a contractual arrangement, participated in planning the survey and collecting the data.

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SYMBOLS

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INPATIENT UTILIZATION OF SHORT-STAY HOSPITALS IN EACH GEOGRAPHIC DIVISION

Keith L. Hoffman, *Division of Health Resources Statistics*

INTRODUCTION

This report is based on data collected through the Hospital Discharge Survey (HDS), a continuous nationwide survey conducted by the National Center for Health Statistics (NCHS). The data cover calendar years 1966-1968, the second, third, and fourth full years in the HDS. This report is based on information collected in a national sample of noninstitutional general and special short-stay hospitals in the United States. The information was abstracted from hospital medical records of a systematic sample of inpatients. The data for 1966 exclude military and Veterans Administration hospitals, and the data for 1967 and 1968 exclude all Federal hospitals (military, Public Health Service, and Veterans Administration).

Out of the universe of 6,965 hospitals, a sample of 315 was drawn for the Hospital Discharge Survey in 1966 and 1967, and in 1968 the sample was increased to 465. During all or part of 1966, 1967, and 1968 the number of hospitals participating was 300, 289, and 413, respectively. The approximate number of abstracts received and processed during 1966 was 137,000, 145,000 in 1967, and 210,000 in 1968. For a detailed description of the sample design, data collection procedures, and the estimation process, see appendix I.

Previous reports, based on data collected in the Hospital Discharge Survey for 1965,¹⁻⁴ 1966,⁵ and 1967,⁶ presented measurements of hospital utilization according to the demographic characteristics of the discharged patients and the size, control, and location of the hospitals in the four geographic regions. This report presents in-

formation by the nine geographic divisions—the smallest geographical area the sample design of the Hospital Discharge Survey will allow (see figure 1). Estimates for smaller geographical areas would result in unreliable estimates. Geographic divisions are defined in appendix II. This report is concerned with discharges, discharge rates, days of care, and length of stay by two patient characteristics, sex and age, and one hospital characteristic, geographic division for the years 1966-1968. Patient characteristics such as color and marital status and hospital characteristics such as size and control by geographic division resulted in unreliable estimates. For a detailed description of reliable estimates see appendix I.

Appendix II contains definitions of terms relating to hospitalization and the demographic terms 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, BY SEX AND AGE

1968

Only 1,386,000 patients were discharged in the Mountain Division, whereas 5,599,000 patients were discharged in the East North Central Division (table 1). The sum of the discharges from three divisions (New England, East South Central, and Mountain) was less than from either the Middle Atlantic or the East North Central Divisions.

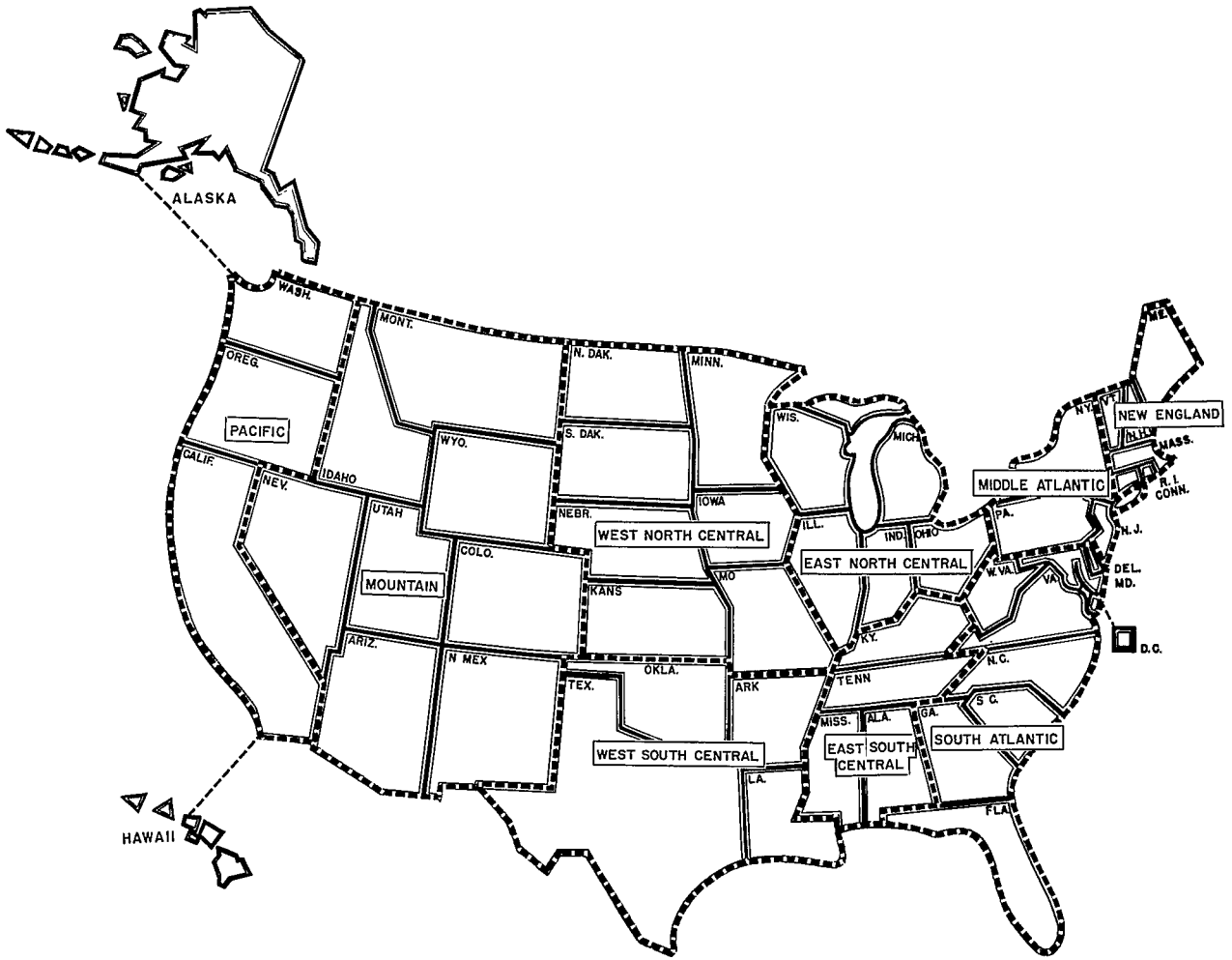


Figure 1. United States map showing the geographic divisions and their respective States.

This also applied to the various sex and age groups.

Approximately 50 percent more females were discharged from short-stay hospitals, including deliveries, than males in each division. The data from each division indicated that the percent distribution for each age group by sex did not vary substantially.

The discharge rate of 143.7 per 1,000 population for all divisions was surpassed by three—195.2 for the West North Central, 174.9 for the West South Central, and 179.4 for the Mountain (table 2). This discharge rate for all divisions was also equaled by the East North Central. The discharge rate for the West North Central Di-

vision was highest in each sex and age group except for those 45-64 years and 65 years and over, and the discharge rate for the Pacific Division was the lowest for each sex and age group except for those 45-64 years.

1967

The estimated number of discharges by division ranged from 1,436,000 in New England to 5,467,000 in the East North Central (table 5). This means that only one out of every 20 discharges from all divisions occurred in New England, while nearly one out of every five occurred in the East North Central.

In most cases the South Atlantic, East South Central, Mountain, and Pacific Divisions had a smaller percentage of discharges for patients under 15 years of age and 65 years and over but had a larger percentage for patients 15-44 years and 45-64 years than the other five divisions.

The highest discharge rate of 206.0 per 1,000 population occurred in the Mountain Division and the lowest discharge rate of 119.6 occurred in the Pacific Division (table 6). The discharge rate of 95.6 per 1,000 population for males in the Pacific was the only discharge rate in any division to fall below 100.0 for either sex. The discharge rate for the Mountain Division was the highest for each age group except under 15 years, and the discharge rate for the Pacific Division was the lowest for each age group except 15-44 years.

1966

The estimated number of discharges from the divisions differed by as much as four million—1.5 million in New England to 5.5 million in the East North Central (table 9). The sum of the discharges from two divisions (Middle Atlantic and East North Central) was approximately equal to the sum of five other divisions (New England, West North Central, East South Central, Mountain, and Pacific). This relationship was true for the various sex and age groups.

The discharge rate of 148.6 per 1,000 persons in the civilian, noninstitutional population for all divisions was surpassed again by the same three divisions as in 1968 and 1967—192.5 for the West North Central, 189.8 for the West South Central, and 205.9 for the Mountain (table 10). These three divisions were the only ones to have a higher discharge rate for each sex than all divisions. All age groups except under 15 years followed the same pattern. For patients under 15 years, five divisions had a higher discharge rate than the discharge rate of 70.6 per 1,000 population for all divisions. The remaining four divisions had a lower discharge rate (70.3 per 1,000 population for the Middle Atlantic, 60.3 for the South Atlantic, 52.9 for the East South Central, and 51.2 for the Pacific).

Comparisons Between 1966 and 1968

As shown in table A, the largest increase in the number of discharges between 1966 and 1968 was in the South Atlantic Division (3,878,000 to 3,984,000), and the largest decrease was in the West South Central Division (3,477,000 to 3,286,000). Along with the South Atlantic, the Middle Atlantic, the East North Central, and the West North Central Divisions also had increases in the number of discharges from 1966 to 1968. These same four divisions showed an increase in the number of discharges by sex, with the exception of the Middle Atlantic, which had a decrease for females including and excluding deliveries. The West North Central was the only division where the number of discharges increased from 1966 to 1967 and 1967 to 1968, and this only occurred for males.

Between 1966 and 1968 the East North Central and the East South Central Divisions were the only two to have an increase in the number of discharges under 15 years of age (table B). In the same period, the Middle Atlantic and the East North Central were the only two divisions to have an increase in the number of discharges in the age group 15-44 years. In three divisions the number of discharges in the age group 45-64 years increased (Middle Atlantic, West North Central, and South Atlantic). New England was the only division to have a decrease in the number of discharges 65 years and over and for every age group between 1966 and 1968.

The discharge rate during this 3-year period increased in only one division, the West North Central (table C). Among those where the rate decreased, the Mountain Division showed the greatest decrease—from 1966 to 1967 the discharge rates were almost equal, but the rate dropped from 206.0 per 1,000 population in 1967 to 179.4 in 1968. The West North Central and South Atlantic Divisions had increases in the discharge rate from 1966 to 1968 for males, and were the only two divisions to have an increase for females, excluding deliveries. All of the divisions had a decrease in the discharge rate from 1966 to 1968 for females, including deliveries.

Table A. Comparison of the number of inpatients discharged from short-stay hospitals, by sex and geographic division: United States, 1966-68

[Excludes newborn infants]

Sex and year	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Number in thousands										
<u>Both sexes¹</u>										
1968-----	28,070	1,450	4,829	5,599	3,079	3,984	1,601	3,286	1,386	2,855
1967-----	27,964	1,436	4,664	5,467	3,109	3,716	1,639	3,442	1,573	2,917
1966-----	28,477	1,543	4,818	5,541	3,014	3,878	1,683	3,477	1,561	2,962
<u>Male</u>										
1968-----	11,204	571	1,923	2,245	1,227	1,600	651	1,282	551	1,155
1967-----	10,957	563	1,840	2,152	1,194	1,454	644	1,376	604	1,129
1966-----	11,203	614	1,882	2,201	1,162	1,537	657	1,376	607	1,168
<u>Female, including deliveries</u>										
1968-----	16,801	874	2,896	3,343	1,844	2,374	946	1,995	834	1,695
1967-----	16,935	868	2,812	3,301	1,908	2,251	992	2,055	966	1,782
1966-----	17,222	926	2,928	3,331	1,843	2,336	1,024	2,092	951	1,791
<u>Female, excluding deliveries</u>										
1968-----	13,455	697	2,256	2,664	1,480	1,908	778	1,653	652	1,367
1967-----	13,370	679	2,181	2,619	1,511	1,781	796	1,682	771	1,349
1966-----	13,574	733	2,268	2,641	1,432	1,827	820	1,730	752	1,370

¹Includes discharged inpatients for whom sex was not stated.

Table B. Comparison of the number of inpatients discharged from short-stay hospitals, by age and geographic division: United States, 1966-68

[Excludes newborn infants]

Age and year	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Number in thousands										
<u>All ages¹</u>										
1968-----	28,070	1,450	4,829	5,599	3,079	3,984	1,601	3,286	1,386	2,855
1967-----	27,964	1,436	4,664	5,467	3,109	3,716	1,639	3,442	1,573	2,917
1966-----	28,477	1,543	4,818	5,541	3,014	3,878	1,683	3,477	1,561	2,962
<u>Under 15 years</u>										
1968-----	3,988	222	640	897	430	542	257	447	188	364
1967-----	4,021	222	674	824	482	510	214	506	215	373
1966-----	4,224	267	727	892	466	546	214	503	225	383
<u>15-44 years</u>										
1968-----	12,036	614	2,055	2,419	1,212	1,745	673	1,450	599	1,270
1967-----	12,279	605	1,960	2,368	1,286	1,720	731	1,527	676	1,406
1966-----	12,693	635	2,053	2,412	1,307	1,826	801	1,551	694	1,414
<u>45-64 years</u>										
1968-----	6,517	327	1,177	1,268	683	964	352	723	332	692
1967-----	6,386	317	1,135	1,251	658	865	388	725	398	647
1966-----	6,589	345	1,167	1,273	657	906	385	774	377	705
<u>65 years and over</u>										
1968-----	5,520	286	956	1,014	753	733	317	665	267	528
1967-----	5,215	291	885	1,012	675	610	302	675	279	487
1966-----	4,911	294	861	955	577	589	278	639	262	455

¹Includes discharged inpatients for whom age was not stated.

Table C. Comparison of the rate of inpatients discharged from short-stay hospitals, by sex and geographic division: United States, 1966-68

[Excludes newborn infants]

Sex and year	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Rate per 1,000 population per year										
<u>Both sexes¹</u>										
1968-----	143.7	129.9	132.7	143.7	195.2	137.1	125.3	174.9	179.4	115.7
1967-----	144.5	129.4	129.3	141.5	197.8	129.9	128.5	185.6	206.0	119.6
1966-----	148.6	140.2	134.0	144.7	192.5	137.3	132.8	189.8	205.9	123.9
<u>Male</u>										
1968-----	119.2	107.3	110.5	118.5	160.4	115.7	106.5	142.2	145.2	96.7
1967-----	117.5	106.3	106.5	114.4	156.4	106.7	105.3	154.3	161.1	95.6
1966-----	121.0	116.0	109.0	117.8	152.6	113.9	107.8	155.9	162.9	100.6
<u>Female, including deliveries</u>										
1968-----	165.8	149.5	152.5	167.0	226.9	155.8	142.0	204.2	211.8	133.1
1967-----	169.0	149.6	149.5	166.5	236.0	150.3	149.5	213.5	248.5	141.8
1966-----	173.9	161.9	156.6	169.9	229.3	158.3	155.6	220.5	247.0	145.6
<u>Female, excluding deliveries</u>										
1968-----	132.8	119.3	118.8	133.1	182.1	125.2	116.8	169.2	165.6	107.3
1967-----	133.4	117.1	116.0	132.1	186.9	118.9	119.9	174.7	198.4	107.3
1966-----	137.1	128.2	121.3	134.7	178.2	123.8	124.6	182.3	195.4	111.4

¹Includes discharged inpatients for whom sex was not stated.

Table D. Comparison of the rate of inpatients discharged from short-stay hospitals, by age and geographic division: United States, 1966-68

[Excludes newborn infants]

Age and year	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
	Rate per 1,000 population per year									
<u>All ages¹</u>										
1968-----	143.7	129.9	132.7	143.7	195.2	137.1	125.3	174.9	179.4	115.7
1967-----	144.5	129.4	129.3	141.5	197.8	129.9	128.5	185.6	206.0	119.6
1966-----	148.6	140.2	134.0	144.7	192.5	137.3	132.8	189.8	205.9	123.9
<u>Under 15 years</u>										
1968-----	67.1	67.5	62.4	74.7	90.6	59.7	65.0	74.6	72.8	48.2
1967-----	67.3	66.9	65.4	68.2	99.9	56.3	53.3	84.2	82.5	49.4
1966-----	70.6	80.8	70.3	73.7	95.5	60.3	52.9	83.6	85.8	51.2
<u>15-44 years</u>										
1968-----	155.8	143.4	145.2	157.8	202.2	147.7	130.4	192.9	194.4	127.8
1967-----	161.6	142.8	140.5	157.1	218.1	148.8	142.9	208.0	223.7	143.2
1966-----	169.2	151.3	147.5	162.2	224.5	160.4	158.5	215.1	231.9	147.6
<u>45-64 years</u>										
1968-----	162.0	134.9	141.1	156.6	210.4	172.0	142.5	201.0	231.5	137.7
1967-----	161.1	132.3	137.8	156.9	204.3	157.4	158.3	204.5	283.9	131.5
1966-----	168.8	146.0	143.4	162.3	205.8	167.9	158.9	221.6	273.8	147.0
<u>65 years and over</u>										
1968-----	300.8	246.1	263.4	286.9	422.0	283.2	266.2	396.1	427.6	244.8
1967-----	289.1	251.1	245.7	288.4	381.5	245.2	258.5	411.5	460.3	231.6
1966-----	277.1	256.7	242.7	275.6	329.0	243.2	243.0	399.6	443.1	221.4

¹Includes discharged inpatients for whom age was not stated.

For those under 15 years of age only the East North Central and East South Central Divisions had an increase in the discharge rate from 1966 to 1968 (table D). Two different divisions (West North Central and South Atlantic) were the only ones to have an increase from 1966 to 1968 for discharges in the age group 45-64 years. All the divisions had a decrease in the discharge rate from 1966 to 1968 for discharges 15-44 years old, but only three divisions had a decrease in the discharge rate for discharges 65 years and over (New England, West South Central, and Mountain).

DAYS OF CARE AND LENGTH OF STAY, BY SEX AND AGE

1968

Only 9,766,000 days of care were attributed to patients discharged in the Mountain Division, whereas 50,091,000 days of care were attributed to patients discharged in the East North Central Division (table 3). The Middle Atlantic and the East North Central had approximately 42 percent of the total number of days of care for all divisions. (These two divisions had approximately 37 percent of the total number of discharges from all divisions.) As with discharges, the sum of the days of care from New England, East South Central, and Mountain was less than either the Middle Atlantic or the East North Central and the same is true for the various sex and age groups.

Table 4 shows the average length of stay by geographic division varied from 7.0 days to 10.2 days. The West South Central, Mountain, and Pacific Divisions had similar average lengths of stay 7.3, 7.0, and 7.1 days, respectively. The Middle Atlantic Division had a longer average length of stay for each sex and age group. The average length of stay for all divisions of 8.5 days was surpassed by only three divisions—9.1 for New England, 10.2 for the Middle Atlantic, and 8.9 for the East North Central.

1967

The estimated number of days of care by division ranged from 10,825,000 in the Mountain to 48,582,000 in the East North Central (table 7). The Middle Atlantic and the East North Central

had approximately 41 percent of the total number of days of care for all divisions. The number of days of care for these two divisions distributed among the various sex and age groups by division followed the same pattern. The percent distributions for each of the age groups by sex did not vary substantially among the divisions.

Table 8 shows the average length of stay was highest for the Middle Atlantic Division (10.1 days) and lowest for the Mountain Division (6.9). Four divisions had similar average lengths of stay—New England (8.8 days), East North Central (8.9), West North Central (8.7), and East South Central (8.7). The Middle Atlantic Division had a longer average length of stay for each sex and age group except that patients under 15 years of age in the East South Central stayed an average of 6.1 days as compared to 5.7 for those in the Middle Atlantic.

1966

The estimated number of days of care for the divisions differed by as much as 37.6 million—from 10.3 million in the Mountain to 47.9 million in the East North Central (table 11). As in 1967, the Middle Atlantic and the East North Central Divisions had approximately 41 percent of the total number of days of care for all divisions. The East South Central had a considerably lower percentage of days of care than any other division for patients 65 years and over of each sex.

Table 12 shows the average length of stay was only 6.5 days in the West South Central Division, whereas it was 9.8 in the Middle Atlantic. The difference of 4.3 days in the average length of stay between the Middle Atlantic (11.0) and the West South Central Divisions (6.7) for males was substantial. This difference is further illustrated by the average length of stay for patients 45-64 years (Middle Atlantic was 12.5 days as opposed to 7.6 for West South Central) and the average length of stay for patients 65 years and over (16.3 days for Middle Atlantic and only 10.1 for West South Central).

Comparisons Between 1966 and 1968

As shown in table E, the largest increase in the number of days of care between 1966 and 1968

was in the South Atlantic (29,023,000 to 32,183,000), which also had the largest increase in the number of discharges. The East South Central had the largest decrease (14,377,000 to 12,831,000) in the number of days of care between 1966 and 1968, but the West South Central had the largest decrease in the number of discharges. The East South Central and the Pacific were the only two divisions that had a decrease in the number of days of care from 1966 to 1968 for each sex.

From 1966 to 1968, four divisions (East North Central, South Atlantic, East South Central, and West South Central) had an increase in the number of days of care for discharges under 15 years of age, but only East South Central had an increase from 1966 to 1967 and 1967 to 1968 (table F). The Middle Atlantic and the East North Central were the two divisions which had an increase in the number of days of care for discharges 15-44 years from 1966 to 1968, but only

Table E. Comparison of the number of days of care of inpatients discharged from short-stay hospitals, by sex and geographic division: United States, 1966-68

[Excludes newborn infants]

Sex and year	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Number in thousands										
<u>Both sexes</u> ¹										
1968-----	237,201	13,214	49,094	50,091	25,985	32,183	12,831	23,857	9,766	20,180
1967-----	235,057	12,589	47,139	48,582	27,092	29,085	14,260	25,065	10,825	20,420
1966-----	230,453	13,430	47,072	47,861	24,058	29,023	14,377	22,745	10,278	21,610
<u>Male</u>										
1968-----	100,961	5,346	21,411	21,347	10,615	13,993	5,581	9,656	4,232	8,779
1967-----	98,426	5,401	19,976	20,385	11,285	12,264	6,037	10,437	4,188	8,453
1966-----	97,054	5,279	20,664	20,369	9,473	12,667	5,864	9,201	4,170	9,369
<u>Female, including deliveries</u>										
1968-----	135,650	7,834	27,576	28,616	15,284	18,093	7,224	14,141	5,520	11,363
1967-----	135,955	7,150	27,036	28,049	15,740	16,708	8,149	14,563	6,615	11,945
1966-----	132,833	8,031	26,313	27,415	14,487	16,290	8,497	13,499	6,096	12,204
<u>Female, excluding deliveries</u>										
1968-----	121,321	6,959	24,418	25,564	13,585	16,270	6,610	12,876	4,850	10,188
1967-----	119,492	6,215	23,652	24,708	13,720	14,868	7,335	12,973	5,851	10,169
1966-----	116,832	6,944	22,966	24,282	12,545	14,217	7,675	12,274	5,337	10,593

¹Includes discharged inpatients for whom sex was not stated.

Table F. Comparison of the number of days of care of inpatients discharged from short-stay hospitals, by age and geographic division: United States, 1966-68

[Excludes newborn infants]

Age and year	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
	Number in thousands									
<u>All ages¹</u>										
1968-----	237,201	13,214	49,094	50,091	25,985	32,183	12,831	23,857	9,766	20,180
1967-----	235,057	12,589	47,139	48,582	27,092	29,085	14,260	25,065	10,825	20,420
1966-----	230,453	13,430	47,072	47,861	24,058	29,023	14,377	22,745	10,278	21,610
<u>Under 15 years</u>										
1968-----	19,999	1,048	3,793	4,886	1,989	2,499	1,336	2,308	707	1,433
1967-----	19,939	1,179	3,867	4,122	2,307	2,282	1,295	2,625	678	1,584
1966-----	20,270	1,187	3,934	4,408	2,423	2,444	1,166	2,289	839	1,581
<u>15-44 years</u>										
1968-----	73,713	3,922	14,559	15,980	7,262	10,297	4,176	7,907	3,045	6,565
1967-----	76,004	3,633	13,858	15,480	8,114	10,511	4,751	8,784	3,678	7,194
1966-----	76,921	4,025	14,503	15,257	7,778	10,433	5,784	8,040	3,500	7,602
<u>45-64 years</u>										
1968-----	65,014	3,531	14,129	13,597	6,479	9,492	3,105	5,925	2,862	5,894
1967-----	64,797	3,355	14,195	13,904	6,617	8,114	3,903	5,888	3,183	5,638
1966-----	67,069	3,961	14,547	14,614	6,058	8,475	4,057	5,908	3,061	6,387
<u>65 years and over</u>										
1968-----	78,400	4,713	16,604	15,618	10,249	9,874	4,200	7,710	3,149	6,282
1967-----	73,728	4,407	15,059	14,982	9,965	8,093	4,284	7,699	3,257	5,982
1966-----	65,791	4,225	14,004	13,518	7,766	7,612	3,332	6,459	2,862	6,013

¹Includes discharged inpatients for whom age was not stated.

Table G. Comparison of the average length of stay for inpatients discharged from short-stay hospitals, by sex and geographic division: United States, 1966-68

[Excludes newborn infants]

Sex and year	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Average stay in days										
<u>Both sexes</u> ¹										
1968-----	8.5	9.1	10.2	8.9	8.4	8.1	8.0	7.3	7.0	7.1
1967-----	8.4	8.8	10.1	8.9	8.7	7.8	8.7	7.3	6.9	7.0
1966-----	8.1	8.7	9.8	8.6	8.0	7.5	8.5	6.5	6.6	7.3
<u>Male</u>										
1968-----	9.0	9.4	11.1	9.5	8.7	8.7	8.6	7.5	7.7	7.6
1967-----	9.0	9.6	10.9	9.5	9.5	8.4	9.4	7.6	6.9	7.5
1966-----	8.7	8.6	11.0	9.3	8.2	8.2	8.9	6.7	6.9	8.0
<u>Female, including deliveries</u>										
1968-----	8.1	9.0	9.5	8.6	8.3	7.6	7.6	7.1	6.6	6.7
1967-----	8.0	8.2	9.6	8.5	8.3	7.4	8.2	7.1	6.8	6.7
1966-----	7.7	8.7	9.0	8.2	7.9	7.0	8.3	6.5	6.4	6.8
<u>Female, excluding deliveries</u>										
1968-----	9.0	10.0	10.8	9.6	9.2	8.5	8.5	7.8	7.4	7.5
1967-----	8.9	9.1	10.8	9.4	9.1	8.3	9.2	7.7	7.6	7.5
1966-----	8.6	9.5	10.1	9.2	8.8	7.8	9.4	7.1	7.1	7.7

¹ Includes discharged inpatients for whom sex was not stated.

Table H. Comparison of the average length of stay for inpatients discharged from short-stay hospitals, by age and geographic division: United States, 1966-68

[Excludes newborn infants]

Age and year	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
	Average stay in days									
<u>All ages¹</u>										
1968-----	8.5	9.1	10.2	8.9	8.4	8.1	8.0	7.3	7.0	7.1
1967-----	8.4	8.8	10.1	8.9	8.7	7.8	8.7	7.3	6.9	7.0
1966-----	8.1	8.7	9.8	8.6	8.0	7.5	8.5	6.5	6.6	7.3
<u>Under 15 years</u>										
1968-----	5.0	4.7	5.9	5.4	4.6	4.6	5.2	5.2	3.8	3.9
1967-----	5.0	5.3	5.7	5.0	4.8	4.5	6.1	5.2	3.2	4.2
1966-----	4.8	4.4	5.4	4.9	5.2	4.5	5.4	4.5	3.7	4.1
<u>15-44 years</u>										
1968-----	6.1	6.4	7.1	6.6	6.0	5.9	6.2	5.5	5.1	5.2
1967-----	6.2	6.0	7.1	6.5	6.3	6.1	6.5	5.8	5.4	5.1
1966-----	6.1	6.3	7.1	6.3	5.9	5.7	7.2	5.2	5.0	5.4
<u>45-64 years</u>										
1968-----	10.0	10.8	12.0	10.7	9.5	9.9	8.8	8.2	8.6	8.5
1967-----	10.1	10.6	12.5	11.1	10.1	9.4	10.0	8.1	8.0	8.7
1966-----	10.2	11.5	12.5	11.5	9.2	9.4	10.5	7.6	8.1	9.1
<u>65 years and over</u>										
1968-----	14.2	16.5	17.4	15.4	13.6	13.5	13.3	11.6	11.8	11.9
1967-----	14.1	15.2	17.0	14.8	14.8	13.3	14.2	11.4	11.7	12.3
1966-----	13.4	14.4	16.3	14.2	13.5	12.9	12.0	10.1	10.9	13.2

¹Includes discharged inpatients for whom age was not stated.

the East North Central had an increase from 1966 to 1967 and 1967 to 1968. Three divisions (West North Central, South Atlantic, and West South Central) had an increase in the number of days of care from 1966 to 1968 for discharges 45-64 years of age. All the divisions had an increase in the number of days of care from 1966 to 1968 for discharges 65 years and over.

A decrease in the average length of stay occurred only in the East South Central and the Pacific Divisions during this period (table G). These same two divisions had a decrease in the average length of stay from 1966 to 1968 for each sex group. In fact, only in these two divisions was there a decrease in any of the sex groups.

From 1966 to 1968, only three divisions (West North Central, East South Central, and Pacific) had a decrease in the average length of stay for discharges under 15 years of age (table H). For discharges 15-44 years the East South Central and the Pacific were the only divisions to have a decrease in the average length of stay. Five divisions (New England, Middle Atlantic, East North Central, East South Central, and Pacific) had decreases in the average length of stay from 1966 to 1968 for discharges 45-64 years of age. For discharges 65 years and over, the Pacific was the only division to have a decrease in the average length of stay.

REFERENCES

¹National Center for Health Statistics: Utilization of short-stay hospitals, summary of nonmedical statistics, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 2. Public Health Service. Washington. U.S. Government Printing Office, Aug. 1967.

²National Center for Health Statistics: Utilization of short-stay hospitals by characteristics of discharged patients, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 3. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1967.

³National Center for Health Statistics: Patients discharged from short-stay hospitals by size and type of ownership, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 4. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1968.

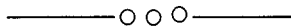
⁴National Center for Health Statistics: Regional utilization of short-stay hospitals, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 5. Public Health Service. Washington. U.S. Government Printing Office, June 1969.

⁵National Center for Health Statistics: Utilization of short-stay hospitals, summary of nonmedical statistics, United States, 1966. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 8. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1971.

⁶National Center for Health Statistics: Utilization of short-stay hospitals, summary of nonmedical statistics, United States, 1967. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 9. Public Health Service. Washington. U.S. Government Printing Office, May 1972.

⁷National Center for Health Statistics: Development and maintenance of a national inventory of hospitals and institutions. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 1-No. 3. Public Health Service. Washington. U.S. Government Printing Office, Feb. 1965.

⁸National Center for Health Statistics: Development of the design of the NCHS Hospital Discharge Survey. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 2-No. 39. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1970.



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Table 1. Number and percent distribution of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1968

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Number in thousands										
<u>Both sexes¹</u>										
All ages ² ----	28,070	1,450	4,829	5,599	3,079	3,984	1,601	3,286	1,386	2,855
Under 15 years-----	3,988	222	640	897	430	542	257	447	188	364
15-44 years-----	12,036	614	2,055	2,419	1,212	1,745	673	1,450	599	1,270
15-24 years-----	4,809	240	785	983	504	696	271	576	239	514
25-34 years-----	3,975	206	707	791	399	559	220	467	205	420
35-44 years-----	3,253	169	562	645	308	489	182	407	154	336
45-64 years-----	6,517	327	1,177	1,268	683	964	352	723	332	692
65 years and over-----	5,520	286	956	1,014	753	733	317	665	267	528
<u>Male</u>										
All ages ² ----	11,204	571	1,923	2,245	1,227	1,600	651	1,282	551	1,155
Under 15 years-----	2,239	127	368	499	246	297	145	247	104	206
15-44 years-----	3,364	163	542	683	325	504	195	411	159	382
15-24 years-----	1,189	360	191	247	121	173	367	145	354	132
25-34 years-----	1,989	344	152	200	94	145	363	122	348	122
35-44 years-----	1,185	359	199	236	110	186	365	145	357	128
45-64 years-----	3,111	155	577	599	321	470	173	332	152	333
65 years and over-----	2,486	126	435	462	334	329	138	292	135	234
<u>Female, including deliveries</u>										
All ages ² ----	16,801	874	2,896	3,343	1,844	2,374	946	1,995	834	1,695
Under 15 years-----	1,739	94	271	396	183	244	112	199	84	158
15-44 years-----	8,654	449	1,509	1,733	885	1,238	478	1,037	439	886
15-24 years-----	3,614	179	594	735	383	522	205	430	185	381
25-34 years-----	2,979	162	553	591	304	413	156	345	157	297
35-44 years-----	2,062	109	362	408	198	302	117	261	97	208
45-64 years-----	3,389	171	597	666	359	491	179	388	180	358
65 years and over-----	3,015	159	518	548	417	400	178	371	131	293
<u>Female, excluding deliveries</u>										
All ages ² ----	13,455	697	2,256	2,664	1,480	1,908	778	1,653	652	1,367
Under 15 years-----	1,726	94	269	392	182	240	110	198	83	158
15-44 years-----	5,327	273	872	1,058	522	777	312	697	259	558
15-24 years-----	1,827	95	294	359	193	258	107	238	88	196
25-34 years-----	1,702	86	277	341	163	248	100	224	85	177
35-44 years-----	1,798	92	301	359	167	270	105	235	85	185
45-64 years-----	3,383	171	596	665	359	489	178	387	180	357
65 years and over-----	3,015	159	518	548	417	400	178	371	131	293

See footnotes at end of table.

Table 1. Number and percent distribution of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1968--Con.

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes¹</u>	Percent distribution									
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	14.2	15.3	13.3	16.0	14.0	13.6	16.1	13.6	13.6	12.8
15-44 years-----	42.9	42.4	42.5	43.2	39.4	43.8	42.1	44.1	43.2	44.5
15-24 years-----	17.1	16.5	16.3	17.6	16.4	17.5	16.9	17.5	17.3	18.0
25-34 years-----	14.2	14.2	14.6	14.1	13.0	14.0	13.7	14.2	14.8	14.7
35-44 years-----	11.6	11.6	11.6	11.5	10.0	12.3	11.4	12.4	11.1	11.8
45-64 years-----	23.2	22.6	24.4	22.6	22.2	24.2	22.0	22.0	23.9	24.2
65 years and over-----	19.7	19.8	19.8	18.1	24.5	18.4	19.8	20.2	19.3	18.5
<u>Male</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	20.0	22.3	19.2	22.3	20.0	18.5	22.2	19.2	18.9	17.8
15-44 years-----	30.0	28.6	28.2	30.4	26.5	31.5	29.9	32.1	28.9	33.1
15-24 years-----	10.6	10.5	9.9	11.0	9.9	10.8	10.2	11.3	9.8	11.4
25-34 years-----	8.8	7.7	7.9	8.9	7.7	9.0	9.7	9.5	8.7	10.6
35-44 years-----	10.6	10.4	10.4	10.5	8.9	11.6	10.0	11.3	10.4	11.1
45-64 years-----	27.8	27.1	30.0	26.7	26.2	29.4	26.5	25.9	27.5	28.8
65 years and over-----	22.2	22.1	22.6	20.6	27.2	20.5	21.2	22.8	24.6	20.3
<u>Female, including deliveries</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	10.4	10.8	9.3	11.8	9.9	10.3	11.8	10.0	10.0	9.3
15-44 years-----	51.5	51.4	52.1	51.8	48.0	52.2	50.5	52.0	52.6	52.3
15-24 years-----	21.5	20.5	20.5	22.0	20.7	22.0	21.6	21.6	22.2	22.5
25-34 years-----	17.7	18.5	19.1	17.7	16.5	17.4	16.5	17.3	18.8	17.5
35-44 years-----	12.3	12.4	12.5	12.2	10.7	12.7	12.4	13.1	11.6	12.3
45-64 years-----	20.2	19.6	20.6	19.9	19.5	20.7	18.9	19.4	21.6	21.1
65 years and over-----	17.9	18.2	17.9	16.4	22.6	16.9	18.8	18.6	15.7	17.3
<u>Female, excluding deliveries</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	12.8	13.5	11.9	14.7	12.3	12.6	14.2	12.0	12.7	11.5
15-44 years-----	39.6	39.2	38.7	39.7	35.3	40.7	40.0	42.2	39.6	40.8
15-24 years-----	13.6	13.6	13.0	13.5	13.0	13.5	13.7	14.4	13.5	14.3
25-34 years-----	12.6	12.4	12.3	12.8	11.0	13.0	12.9	13.6	13.0	12.9
35-44 years-----	13.4	13.2	13.3	13.5	11.3	14.2	13.4	14.2	13.0	13.6
45-64 years-----	25.1	24.5	26.4	25.0	24.2	25.6	22.9	23.4	27.6	26.1
65 years and over-----	22.4	22.8	23.0	20.6	28.1	21.0	22.9	22.4	20.1	21.5

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

³Caution should be exercised in the use of this figure since the approximate relative standard error of the estimated number or percent of discharges exceeds 25 percent. See "Reliability of Estimates," appendix I.

Table 2. Rate of inpatients discharged from short-stay hospitals, by sex, age, and geographic division: United States, 1968

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes</u> ¹	Rate per 1,000 population									
All ages ² ---	143.7	129.9	132.7	143.7	195.2	137.1	125.3	174.9	179.4	115.7
Under 15 years ----	67.1	67.5	62.4	74.7	90.6	59.7	65.0	74.6	72.8	48.2
15-44 years -----	155.8	143.4	145.2	157.8	202.2	147.7	130.4	192.9	194.4	127.8
45-64 years -----	162.0	134.9	141.1	156.6	210.4	172.0	142.5	201.0	231.5	137.7
65 years and over-	300.8	246.1	263.4	286.9	422.0	283.2	266.2	396.1	427.6	244.8
<u>Male</u>										
All ages ² ---	119.2	107.3	110.5	118.5	160.4	115.7	106.5	142.2	145.2	96.7
Under 15 years ----	74.0	75.7	70.5	81.6	101.4	64.5	72.1	80.9	79.1	53.4
15-44 years -----	91.9	80.0	81.0	92.6	112.7	91.8	80.2	116.5	107.9	81.1
45-64 years -----	162.0	137.2	146.3	153.1	206.4	179.2	148.4	193.9	213.5	135.8
65 years and over-	314.4	264.4	282.8	301.1	425.2	296.4	267.9	400.8	467.2	252.3
<u>Female</u>										
All ages ² ---	165.8	149.5	152.5	167.0	226.9	155.8	142.0	204.2	211.8	133.1
Under 15 years ----	59.6	58.6	53.7	67.2	78.8	54.6	57.4	67.5	65.7	42.5
15-44 years -----	213.0	200.0	202.4	217.9	284.2	196.1	174.8	260.3	273.4	169.3
45-64 years -----	161.1	132.2	135.8	159.3	212.6	164.6	136.4	205.7	248.8	139.3
65 years and over-	288.7	230.4	247.9	274.2	417.1	271.0	263.6	390.0	390.7	238.5

¹Includes discharged inpatients for whom sex was not stated.
²Includes discharged inpatients for whom age was not stated.

Table 3. Number and percent distribution of days of care of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1968

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Number in thousands										
<u>Both sexes</u> ¹										
All ages ² ---	237,201	13,214	49,094	50,091	25,985	32,183	12,831	23,857	9,766	20,180
Under 15 years-----	19,999	1,048	3,793	4,886	1,989	2,499	1,336	2,308	707	1,433
15-44 years-----	73,713	3,922	14,559	15,980	7,262	10,297	4,176	7,907	3,045	6,565
15-24 years-----	24,868	1,363	4,638	5,592	2,580	3,338	1,352	2,683	1,054	2,269
25-34 years-----	23,840	1,203	4,890	5,081	2,466	3,309	1,359	2,482	953	2,097
35-44 years-----	25,006	1,357	5,031	5,307	2,216	3,650	1,466	2,742	1,038	2,199
45-64 years-----	65,014	3,531	14,129	13,597	6,479	9,492	3,105	5,925	2,862	5,894
65 years and over-----	78,400	4,713	16,604	15,618	10,249	9,874	4,200	7,710	3,149	6,282
<u>Male</u>										
All ages ² ---	100,961	5,346	21,411	21,347	10,615	13,993	5,581	9,656	4,232	8,779
Under 15 years-----	11,595	³ 616	2,224	2,930	1,199	1,439	756	1,270	³ 395	767
15-44 years-----	24,610	1,216	4,922	5,147	2,171	3,546	1,598	2,561	965	2,483
15-24 years-----	7,404	³ 389	1,409	1,667	³ 669	987	³ 507	779	³ 300	³ 698
25-34 years-----	7,482	³ 227	1,440	1,483	³ 626	1,172	³ 515	773	³ 270	876
35-44 years-----	9,723	³ 500	2,073	1,998	877	1,387	³ 576	1,008	³ 395	909
45-64 years-----	31,028	1,672	7,079	6,435	2,920	4,750	1,439	2,629	1,226	2,879
65 years and over-----	33,693	1,843	7,180	6,831	4,322	4,254	1,776	3,193	1,644	2,649
<u>Female, including deliveries</u>										
All ages ² ---	135,650	7,834	27,576	28,616	15,284	18,093	7,224	14,141	5,520	11,363
Under 15 years-----	8,371	³ 431	1,563	1,950	786	1,056	³ 576	1,034	³ 310	³ 664
15-44 years-----	48,934	2,696	9,604	10,799	5,063	6,729	2,570	5,337	2,077	4,058
15-24 years-----	17,424	972	3,223	3,916	1,897	2,349	844	1,901	754	1,569
25-34 years-----	16,296	872	3,429	3,590	1,833	2,131	837	1,707	³ 680	1,218
35-44 years-----	15,214	853	2,952	3,293	1,333	2,249	889	1,730	³ 643	1,271
45-64 years-----	33,817	1,850	7,022	7,127	3,535	4,702	1,659	3,277	1,634	3,010
65 years and over-----	44,501	2,857	9,384	8,734	5,895	5,598	2,418	4,489	1,498	3,628
<u>Female excluding deliveries</u>										
All ages ² ---	121,321	6,959	24,418	25,564	13,585	16,270	6,610	12,876	4,850	10,188
Under 15 years-----	8,318	³ 429	1,556	1,936	783	1,042	³ 572	1,029	³ 308	³ 663
15-44 years-----	34,685	1,826	6,460	7,766	3,369	4,927	1,962	4,081	1,410	2,885
15-24 years-----	9,993	³ 509	1,810	2,288	1,075	1,354	³ 502	1,181	³ 400	875
25-34 years-----	10,731	³ 538	2,013	2,431	1,122	1,479	³ 624	1,278	³ 423	824
35-44 years-----	13,961	779	2,637	3,047	1,172	2,094	836	1,621	³ 588	1,186
45-64 years-----	33,789	1,848	7,016	7,123	3,533	4,696	1,659	3,274	1,633	3,007
65 years and over-----	44,501	2,857	9,384	8,734	5,895	5,598	2,418	4,489	1,498	3,628

See footnotes at end of table.

Table 3. Number and percent distribution of days of care of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1968—Con.

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Both sexes¹	Percent distribution									
All ages ² ---	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	8.4	7.9	7.7	9.8	7.7	7.8	10.4	9.7	7.2	7.1
15-44 years-----	31.1	29.7	29.7	31.9	27.9	32.0	32.6	33.1	31.2	32.5
15-24 years-----	10.5	10.3	9.4	11.2	9.9	10.4	10.5	11.2	10.8	11.2
25-34 years-----	10.1	9.1	10.0	10.1	9.5	10.3	10.6	10.4	9.8	10.4
35-44 years-----	10.5	10.3	10.2	10.6	8.5	11.3	11.4	11.5	10.6	10.9
45-64 years-----	27.4	26.7	28.8	27.1	24.9	29.5	24.2	24.8	29.3	29.2
65 years and over-----	33.1	35.7	33.8	31.2	39.4	30.7	32.7	32.3	32.2	31.1
Male										
All ages ² ---	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	11.5	11.5	10.4	13.7	11.3	10.3	13.6	13.1	9.3	8.7
15-44 years-----	24.4	22.8	23.0	24.1	20.5	25.3	28.6	26.5	22.8	28.3
15-24 years-----	7.3	7.3	6.6	7.8	6.3	7.1	9.1	8.1	7.1	7.9
25-34 years-----	7.4	6.1	6.7	6.9	5.9	8.4	9.2	8.0	6.4	10.0
35-44 years-----	9.6	9.4	9.7	9.4	8.3	9.9	10.3	10.4	9.3	10.4
45-64 years-----	30.7	31.3	33.1	30.1	27.5	33.9	25.8	27.2	29.0	32.8
65 years and over-----	33.4	34.5	33.5	32.0	40.7	30.4	31.8	33.1	38.9	30.2
Female, including deliveries										
All ages ² ---	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	6.2	5.5	5.7	6.8	5.1	5.8	8.0	7.3	5.6	5.8
15-44 years-----	36.1	34.4	34.8	37.7	33.1	37.2	35.6	37.7	37.6	35.7
15-24 years-----	12.8	12.4	11.7	13.7	12.4	13.0	11.7	13.4	13.7	13.8
25-34 years-----	12.0	11.1	12.4	12.5	12.0	11.8	11.6	12.1	12.3	10.7
35-44 years-----	11.2	10.9	10.7	11.5	8.7	12.4	12.3	12.2	11.7	11.2
45-64 years-----	24.9	23.6	25.5	24.9	23.1	26.0	23.0	23.2	29.6	26.5
65 years and over-----	32.8	36.5	34.0	30.5	38.6	30.9	33.5	31.7	27.1	31.9
Female, excluding deliveries										
All ages ² ---	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	6.9	6.2	6.4	7.6	5.8	6.4	8.6	8.0	6.3	6.5
15-44 years-----	28.6	26.2	26.5	30.4	24.8	30.3	29.7	31.7	29.1	28.3
15-24 years-----	8.2	7.3	7.4	8.9	7.9	8.3	7.6	9.2	8.2	8.6
25-34 years-----	8.8	7.7	8.2	9.5	8.3	9.1	9.4	9.9	8.7	8.1
35-44 years-----	11.5	11.2	10.8	11.9	8.6	12.9	12.7	12.6	12.1	11.6
45-64 years-----	27.9	26.6	28.7	27.9	26.0	28.9	25.1	25.4	33.7	29.5
65 years and over-----	36.7	41.0	38.4	34.2	43.4	34.4	36.6	34.9	30.9	35.6

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

³Caution should be exercised in the use of this figure since the approximate relative standard error of the estimated number or percent of days of care exceeds 25 percent. See "Reliability of Estimates," appendix I.

Table 4. Average length of stay of inpatients discharged from short-stay hospitals, by sex, age, and geographic division: United States, 1968

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Average stay in days										
<u>Both sexes</u> ¹										
All ages ² ----	8.5	9.1	10.2	8.9	8.4	8.1	8.0	7.3	7.0	7.1
Under 15 years-----	5.0	4.7	5.9	5.4	4.6	4.6	5.2	5.2	3.8	3.9
15-44 years-----	6.1	6.4	7.1	6.6	6.0	5.9	6.2	5.5	5.1	5.2
15-24 years-----	5.2	5.7	5.9	5.7	5.1	4.8	5.0	4.7	4.4	4.4
25-34 years-----	6.0	5.8	6.9	6.4	6.2	5.9	6.2	5.3	4.6	5.0
35-44 years-----	7.7	8.0	8.9	8.2	7.2	7.5	8.0	6.7	6.7	6.5
45-64 years-----	10.0	10.8	12.0	10.7	9.5	9.9	8.8	8.2	8.6	8.5
65 years and over-----	14.2	16.5	17.4	15.4	13.6	13.5	13.3	11.6	11.8	11.9
<u>Male</u>										
All ages ² ----	9.0	9.4	11.1	9.5	8.7	8.7	8.6	7.5	7.7	7.6
Under 15 years-----	5.2	4.8	6.0	5.9	4.9	4.8	5.2	5.1	3.8	3.7
15-44 years-----	7.3	7.5	9.1	7.5	6.7	7.0	8.2	6.2	6.1	6.5
15-24 years-----	6.2	³ 5.5	7.4	6.7	5.5	5.7	³ 7.6	5.4	³ 5.5	5.3
25-34 years-----	7.6	³ 7.4	9.4	7.4	6.7	8.1	³ 8.1	6.4	³ 5.7	7.2
35-44 years-----	8.2	³ 8.4	10.4	8.5	8.0	7.5	³ 8.8	7.0	³ 6.9	7.1
45-64 years-----	10.0	10.8	12.3	10.7	9.1	10.1	8.3	7.9	8.1	8.6
65 years and over-----	13.6	14.6	16.5	14.8	12.9	12.9	12.8	10.9	12.1	11.3
<u>Female, including deliveries</u>										
All ages ² ----	8.1	9.0	9.5	8.6	8.3	7.6	7.6	7.1	6.6	6.7
Under 15 years-----	4.8	4.6	5.8	4.9	4.3	4.3	5.2	5.2	3.7	4.2
15-44 years-----	5.7	6.0	6.4	6.2	5.7	5.4	5.4	5.1	4.7	4.6
15-24 years-----	4.8	5.4	5.4	5.3	5.0	4.5	4.1	4.4	4.1	4.1
25-34 years-----	5.5	5.4	6.2	6.1	6.0	5.2	5.4	4.9	4.3	4.1
35-44 years-----	7.4	7.9	8.2	8.1	6.7	7.4	7.6	6.6	6.6	6.1
45-64 years-----	10.0	10.8	11.8	10.7	9.8	9.6	9.3	8.5	9.1	8.4
65 years and over-----	14.8	18.0	18.1	15.9	14.1	14.0	13.6	12.1	11.4	12.4
<u>Female, excluding deliveries</u>										
All ages ² ----	9.0	10.0	10.8	9.6	9.2	8.5	8.5	7.8	7.4	7.5
Under 15 years-----	4.8	4.6	5.8	4.9	4.3	4.3	5.2	5.2	3.7	4.2
15-44 years-----	6.5	6.7	7.4	7.3	6.5	6.3	6.3	5.9	5.5	5.2
15-24 years-----	5.5	5.4	6.2	6.4	5.6	5.2	4.7	5.0	4.5	4.5
25-34 years-----	6.3	6.2	7.3	7.1	6.9	6.0	6.2	5.7	5.0	4.7
35-44 years-----	7.8	8.5	8.8	8.5	7.0	7.8	8.0	6.9	6.9	6.4
45-64 years-----	10.0	10.8	11.8	10.7	9.8	9.6	9.3	8.5	9.1	8.4
65 years and over-----	14.8	18.0	18.1	15.9	14.1	14.0	13.6	12.1	11.4	12.4

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

³Caution should be exercised in the use of this figure since the approximate relative standard error of the estimated average length of stay exceeds 25 percent. See "Reliability of Estimates," appendix I.

Table 5. Number and percent distribution of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1967

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Number in thousands										
<u>Both sexes</u> ¹										
All ages ² -----	27,964	1,436	4,664	5,467	3,109	3,716	1,639	3,442	1,573	2,917
Under 15 years-----	4,021	222	674	824	482	510	214	506	215	373
15-44 years-----	12,279	605	1,960	2,368	1,286	1,720	731	1,527	676	1,406
15-24 years-----	4,846	246	720	954	537	693	289	595	255	558
25-34 years-----	4,011	199	670	758	419	548	229	487	237	464
35-44 years-----	3,423	160	570	656	331	479	213	446	185	384
45-64 years-----	6,386	317	1,135	1,251	658	865	388	725	398	647
65 years and over-----	5,215	291	885	1,012	675	610	302	675	279	487
<u>Male</u>										
All ages ² ---	10,957	563	1,840	2,152	1,194	1,454	644	1,376	604	1,129
Under 15 years-----	2,252	124	388	465	263	281	120	277	116	218
15-44 years-----	3,323	156	507	645	331	490	200	447	167	380
15-24 years-----	1,157	³ 63	171	223	124	164	68	152	³ 57	137
25-34 years-----	953	³ 40	141	180	87	148	³ 58	134	³ 51	113
35-44 years-----	1,213	³ 53	195	242	121	178	74	161	³ 59	131
45-64 years-----	2,998	145	543	585	295	407	183	347	181	311
65 years and over-----	2,352	136	396	451	301	272	139	301	138	219
<u>Female, including deliveries</u>										
All ages ² ---	16,935	868	2,812	3,301	1,908	2,251	992	2,055	966	1,782
Under 15 years-----	1,755	96	283	357	217	227	94	228	99	155
15-44 years-----	8,934	446	1,449	1,719	953	1,227	530	1,078	508	1,024
15-24 years-----	3,681	182	548	729	412	529	220	442	198	421
25-34 years-----	3,052	158	528	578	331	398	170	353	185	350
35-44 years-----	2,202	106	373	412	210	300	139	284	125	252
45-64 years-----	3,370	170	589	662	361	455	205	376	217	334
65 years and over-----	2,846	154	486	557	372	337	163	370	139	268
<u>Female, excluding deliveries</u>										
All ages ² ---	13,370	679	2,181	2,619	1,511	1,781	796	1,682	771	1,349
Under 15 years-----	1,744	96	282	354	217	224	93	226	99	154
15-44 years-----	5,386	259	820	1,041	558	760	335	708	314	591
15-24 years-----	1,763	93	259	353	198	254	103	228	94	180
25-34 years-----	1,733	78	261	327	184	240	110	230	111	192
35-44 years-----	1,889	87	300	360	176	266	122	250	108	219
45-64 years-----	3,364	170	589	662	360	454	204	376	216	334
65 years and over-----	2,846	154	486	557	372	337	163	370	139	268

See footnotes at end of table.

Table 5. Number and percent distribution of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1967—Con.

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes¹</u>	Percent distribution									
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	14.4	15.4	14.5	15.1	15.5	13.7	13.1	14.7	13.7	12.8
15-44 years-----	43.9	42.1	42.0	43.3	41.4	46.3	44.6	44.4	43.0	48.2
15-24 years-----	17.3	17.1	15.4	17.5	17.3	18.7	17.6	17.3	16.2	19.1
25-34 years-----	14.3	13.9	14.4	13.9	13.5	14.7	14.0	14.1	15.1	15.9
35-44 years-----	12.2	11.1	12.2	12.0	10.6	12.9	13.0	13.0	11.7	13.2
45-64 years-----	22.8	22.1	24.3	22.9	21.2	23.3	23.7	21.1	25.3	22.2
65 years and over-----	18.7	20.2	19.0	18.5	21.7	16.4	18.4	19.6	17.7	16.7
<u>Male</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	20.6	22.1	21.1	21.6	22.0	19.3	18.6	20.1	19.2	19.3
15-44 years-----	30.3	27.7	27.6	30.0	27.7	33.7	31.1	32.5	27.6	33.7
15-24 years-----	10.6	11.1	9.3	10.4	10.4	11.3	10.6	11.0	9.4	12.1
25-34 years-----	8.7	7.2	7.6	8.4	7.3	10.2	9.1	9.7	8.5	10.0
35-44 years-----	11.1	9.5	10.6	11.2	10.1	12.2	11.4	11.7	9.7	11.6
45-64 years-----	27.4	25.8	29.5	27.2	24.7	28.0	28.5	25.2	29.9	27.6
65 years and over-----	21.5	24.1	21.5	20.9	25.2	18.7	21.6	21.9	22.9	19.4
<u>Female, including deliveries</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	10.4	11.1	10.0	10.8	11.4	10.1	9.5	11.1	10.2	8.7
15-44 years-----	52.8	51.4	51.5	52.1	50.0	54.5	53.4	52.5	52.6	57.4
15-24 years-----	21.7	21.0	19.5	22.1	21.6	23.5	22.2	21.5	20.5	23.6
25-34 years-----	18.0	18.2	18.8	17.5	17.4	17.7	17.2	17.2	19.2	19.7
35-44 years-----	13.0	12.2	13.3	12.5	11.0	13.3	14.0	13.8	13.0	14.2
45-64 years-----	19.9	19.6	21.0	20.1	18.9	20.2	20.6	18.3	22.5	18.7
65 years and over-----	16.8	17.7	17.3	16.9	19.5	15.0	16.4	18.0	14.4	15.0
<u>Female, excluding deliveries</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	13.0	14.1	12.9	13.5	14.3	12.6	11.7	13.4	12.8	11.4
15-44 years-----	40.3	38.1	37.6	39.7	36.9	42.7	42.1	42.1	40.7	43.8
15-24 years-----	13.2	13.7	11.9	13.5	13.1	14.3	13.0	13.5	12.3	13.3
25-34 years-----	13.0	11.5	12.0	12.5	12.2	13.5	13.8	13.7	14.4	14.2
35-44 years-----	14.1	12.9	13.8	13.8	11.6	15.0	15.3	14.8	14.1	16.2
45-64 years-----	25.2	25.0	27.0	25.3	23.8	25.5	25.7	22.3	28.1	24.8
65 years and over-----	21.3	22.7	22.3	21.3	24.6	18.9	20.4	22.0	18.1	19.9

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

³Caution should be exercised in the use of this figure since the approximate relative standard error of the estimated number or percent of discharges exceeds 25 percent. See "Reliability of Estimates," appendix I.

Table 6. Rate of inpatients discharged from short-stay hospitals, by sex, age, and geographic division: United States, 1967

[Excludes new born infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes¹</u>	Rate per 1,000 population									
All ages ² ---	144.5	129.4	129.3	141.5	197.8	129.9	128.5	185.6	206.0	119.6
Under 15 years----	67.3	66.9	65.4	68.2	99.9	56.3	53.3	84.2	82.5	49.4
15-44 years-----	161.6	142.8	140.5	157.1	218.1	148.8	142.9	208.0	223.7	143.2
45-64 years-----	161.1	132.3	137.8	156.9	204.3	157.4	158.3	204.5	283.9	131.5
65 years and over-	289.1	251.1	245.7	288.4	381.5	245.2	258.5	411.5	460.3	231.6
<u>Male</u>										
All ages ² ---	117.5	106.3	106.5	114.4	156.4	106.7	105.3	154.3	161.1	95.6
Under 15 years----	74.0	73.5	74.0	75.5	106.7	61.2	58.7	90.6	87.7	56.6
15-44 years-----	92.2	77.5	76.9	88.9	116.7	91.0	83.0	129.4	115.4	81.8
45-64 years-----	158.1	130.3	139.1	151.4	190.7	157.9	158.3	204.9	259.6	129.3
65 years and over-	300.7	285.4	257.6	293.8	384.0	252.9	274.0	420.8	489.8	239.9
<u>Female</u>										
All ages ² ---	169.0	149.6	149.5	166.5	236.0	150.3	149.5	213.5	248.5	141.8
Under 15 years----	59.8	59.4	55.8	60.2	91.8	50.8	47.5	77.0	77.0	41.7
15-44 years-----	223.6	201.2	197.3	219.9	311.3	198.7	195.7	277.3	322.3	198.2
45-64 years-----	163.0	132.9	136.0	161.2	216.0	155.8	158.1	202.9	307.2	132.9
65 years and over-	278.5	226.0	235.3	282.5	377.8	238.3	246.6	400.0	430.3	224.8

¹ Includes discharged inpatients for whom sex was not stated.

² Includes discharged inpatients for whom age was not stated.

Table 7. Number and percent distribution of days of care of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1967

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes¹</u>	Number in thousands									
All ages ² ---	235,057	12,589	47,139	48,582	27,092	29,085	14,260	25,065	10,825	20,420
Under 15 years-----	19,939	1,179	3,867	4,122	2,307	2,282	1,295	2,625	³ 678	1,584
15-44 years-----	76,004	3,633	13,858	15,480	8,114	10,511	4,751	8,784	3,678	7,194
15-24 years-----	25,629	1,225	4,735	5,296	3,077	3,338	1,586	2,900	1,100	2,372
25-34 years-----	23,815	1,275	4,332	4,865	2,445	3,195	1,418	2,662	1,193	2,429
35-44 years-----	26,559	1,134	4,791	5,319	2,592	3,978	1,747	3,222	1,385	2,392
45-64 years-----	64,797	3,355	14,195	13,904	6,617	8,114	3,903	5,888	3,183	5,638
65 years and over-----	73,728	4,407	15,059	14,982	9,965	8,093	4,284	7,699	3,257	5,982
<u>Male</u>										
All ages ² ---	98,426	5,401	19,976	20,385	11,285	12,264	6,037	10,437	4,188	8,453
Under 15 years-----	11,449	779	2,261	2,398	1,256	1,307	720	1,494	³ 392	842
15-44 years-----	2,436	1,142	4,537	4,901	2,598	3,520	1,489	2,853	1,022	2,298
15-24 years-----	7,478	³ 358	1,523	1,471	⁹ 44	965	³ 463	743	³ 306	705
25-34 years-----	7,029	³ 381	1,257	1,535	³ 614	1,016	³ 412	864	³ 268	³ 681
35-44 years-----	9,855	³ 403	1,757	1,895	1,040	1,539	³ 614	1,246	³ 448	912
45-64 years-----	30,683	1,535	6,836	6,693	3,089	3,907	1,876	2,747	1,257	2,742
65 years and over-----	31,678	1,940	6,284	6,351	4,308	3,495	1,930	3,303	1,502	2,565
<u>Female, including deliveries</u>										
All ages ² ---	135,955	7,150	27,036	28,049	15,740	16,708	8,149	14,563	6,615	11,945
Under 15 years-----	8,404	³ 398	1,594	1,700	1,038	954	³ 571	1,125	³ 286	739
15-44 years-----	51,519	2,483	9,303	10,549	5,506	6,969	3,242	5,923	2,654	4,890
15-24 years-----	18,126	865	3,209	3,818	2,131	2,368	1,120	2,153	794	1,667
25-34 years-----	16,758	892	3,071	3,328	1,827	2,171	1,006	1,797	924	1,743
35-44 years-----	16,635	726	3,023	3,403	1,548	2,430	1,116	1,973	937	1,479
45-64 years-----	33,932	1,806	7,302	7,173	3,522	4,173	2,025	3,123	1,920	2,887
65 years and over-----	41,779	2,455	8,733	8,582	5,617	4,561	2,307	4,369	1,741	3,413
<u>Female, excluding deliveries</u>										
All ages ² ---	119,492	6,215	23,652	24,708	13,720	14,868	7,335	12,973	5,851	10,169
Under 15 years-----	8,361	³ 394	1,590	1,689	1,037	944	³ 567	1,117	³ 286	737
15-44 years-----	35,121	1,552	5,926	7,222	3,492	5,144	2,433	4,343	1,893	3,116
15-24 years-----	9,462	³ 477	1,660	1,927	1,048	1,346	³ 646	1,168	³ 407	785
25-34 years-----	10,669	³ 449	1,715	2,159	1,068	1,504	749	1,397	³ 640	989
35-44 years-----	14,990	³ 626	2,551	3,136	1,377	2,295	1,038	1,778	846	1,342
45-64 years-----	33,911	1,805	7,299	7,170	3,518	4,168	2,025	3,122	1,917	2,887
65 years and over-----	41,779	2,455	8,733	8,582	5,617	4,561	-2,307	4,369	1,741	3,413

See footnotes at end of table.

Table 7. Number and percent distribution of days of care of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1967—Con.

[Excludes newborn infants.]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes¹</u>										
Percent distribution										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	8.5	9.4	8.2	8.5	8.5	7.8	9.1	10.5	6.3	7.8
15-44 years-----	32.3	28.9	29.4	31.9	29.9	36.1	33.3	35.0	34.0	35.2
15-24 years-----	10.9	9.7	10.0	10.9	11.4	11.5	11.1	11.6	10.2	11.6
25-34 years-----	10.1	10.1	9.2	10.0	9.0	11.0	9.9	10.6	11.0	11.9
35-44 years-----	11.3	9.0	10.2	10.9	9.6	13.7	12.2	12.9	12.8	11.7
45-64 years-----	27.6	26.7	30.1	28.6	24.4	27.9	27.4	23.5	29.4	27.6
65 years and over-----	31.4	35.0	31.9	30.8	36.8	27.8	30.0	30.7	30.1	29.3
<u>Male</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	11.6	14.4	11.3	11.8	11.1	10.7	11.9	14.3	9.4	10.0
15-44 years-----	24.8	21.1	22.7	24.0	23.0	28.7	24.7	27.3	24.4	27.2
15-24 years-----	7.6	6.6	7.6	7.2	8.4	7.9	7.7	7.1	7.3	8.3
25-34 years-----	7.1	7.0	6.3	7.5	5.4	8.3	6.8	8.3	6.4	8.1
35-44 years-----	10.0	7.5	8.8	9.3	9.2	12.5	10.2	11.9	10.7	10.8
45-64 years-----	31.2	28.4	34.2	32.8	27.4	31.9	31.1	26.3	30.0	32.4
65 years and over-----	32.2	35.9	31.5	31.2	38.2	28.5	32.0	31.7	35.9	30.3
<u>Female, including deliveries</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	6.2	5.6	5.9	6.1	6.6	5.7	7.0	7.7	4.3	6.2
15-44 years-----	37.9	34.7	34.4	37.6	35.0	41.7	39.8	40.7	40.1	40.9
15-24 years-----	13.3	12.1	11.9	13.6	13.5	14.2	13.7	14.8	12.0	14.0
25-34 years-----	12.3	12.5	11.4	11.9	11.6	13.0	12.3	12.3	14.0	14.6
35-44 years-----	12.2	10.1	11.2	12.1	9.8	14.5	13.7	13.5	14.1	12.4
45-64 years-----	25.0	25.3	27.0	25.6	22.4	25.0	24.9	21.4	29.0	24.2
65 years and over-----	30.7	34.3	32.3	30.6	35.7	27.3	28.3	30.0	26.3	28.6
<u>Female, excluding deliveries</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	7.0	6.3	6.7	6.8	7.6	6.3	7.7	8.6	4.9	7.3
15-44 years-----	29.4	25.0	25.1	29.2	25.5	34.6	33.2	33.5	32.4	30.6
15-24 years-----	7.9	7.7	7.0	7.8	7.6	9.1	8.8	9.0	7.0	7.7
25-34 years-----	8.9	7.2	7.3	8.7	7.8	10.1	10.2	10.8	10.9	9.7
35-44 years-----	12.5	10.1	10.8	12.7	10.0	15.4	14.2	13.7	14.5	13.2
45-64 years-----	28.4	29.0	30.9	29.0	25.6	28.0	27.6	24.1	32.8	28.4
65 years and over-----	35.0	39.5	36.9	34.7	40.9	30.7	31.4	33.7	29.8	33.6

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

³Caution should be exercised in the use of this figure since the approximate relative standard error of the estimated number or percent of days of care exceeds 25 percent. See "Reliability of Estimates," appendix I.

Table 8. Average length of stay of inpatients discharged from short-stay hospitals, by sex, age, and geographic division: United States, 1967

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes¹</u>	Average stay in days									
All ages ² --	8.4	8.8	10.1	8.9	8.7	7.8	8.7	7.3	6.9	7.0
Under 15 years-----	5.0	5.3	5.7	5.0	4.8	4.5	6.1	5.2	3.2	4.2
15-44 years-----	6.2	6.0	7.1	6.5	6.3	6.1	6.5	5.8	5.4	5.1
15-24 years-----	5.3	5.0	6.6	5.5	5.7	4.8	5.5	4.9	4.3	4.3
25-34 years-----	5.9	6.4	6.5	6.4	5.8	5.8	6.2	5.5	5.0	5.2
35-44 years-----	7.8	7.1	8.4	8.1	7.8	8.3	8.2	7.2	7.5	6.2
45-64 years-----	10.1	10.6	12.5	11.1	10.1	9.4	10.0	8.1	8.0	8.7
65 years and over-----	14.1	15.2	17.0	14.8	14.8	13.3	14.2	11.4	11.7	12.3
<u>Male</u>										
All ages ² --	9.0	9.6	10.9	9.5	9.5	8.4	9.4	7.6	6.9	7.5
Under 15 years-----	5.1	6.3	5.8	5.2	4.8	4.6	6.0	5.4	3.4	3.9
15-44 years-----	7.3	7.3	8.9	7.6	7.9	7.2	7.4	6.4	6.1	6.0
15-24 years-----	6.5	5.7	8.9	6.6	7.6	5.9	6.8	4.9	5.4	5.2
25-34 years-----	7.4	9.5	8.9	8.5	7.1	6.9	7.1	6.5	5.2	6.0
35-44 years-----	8.1	7.6	9.0	7.8	8.6	8.7	8.3	7.7	7.6	7.0
45-64 years-----	10.2	10.6	12.6	11.4	10.5	9.6	10.2	7.9	6.9	8.8
65 years and over-----	13.5	14.3	15.9	14.1	14.3	12.9	13.8	11.0	10.9	11.7
<u>Female, including deliveries</u>										
All ages ² --	8.0	8.2	9.6	8.5	8.3	7.4	8.2	7.1	6.8	6.7
Under 15 years-----	4.8	4.1	5.6	4.8	4.8	4.2	6.1	4.9	2.9	4.8
15-44 years-----	5.8	5.6	6.4	6.1	5.8	5.7	6.1	5.5	5.2	4.8
15-24 years-----	4.9	4.7	5.9	5.2	5.2	4.5	5.1	4.9	4.0	4.0
25-34 years-----	5.5	5.6	5.8	5.8	5.5	5.5	5.9	5.1	5.0	5.0
35-44 years-----	7.6	6.8	8.1	8.3	7.4	8.1	8.0	6.9	7.5	5.9
45-64 years-----	10.1	10.6	12.4	10.8	9.7	9.2	9.9	8.3	8.8	8.6
65 years and over-----	14.7	15.9	18.0	15.4	15.1	13.5	14.2	11.8	12.5	12.7
<u>Female, excluding deliveries</u>										
All ages ² --	8.9	9.1	10.8	9.4	9.1	8.3	9.2	7.7	7.6	7.5
Under 15 years-----	4.8	4.1	5.6	4.8	4.8	4.2	6.1	4.9	2.9	4.8
15-44 years-----	6.5	6.0	7.2	6.9	6.3	6.8	7.3	6.1	6.0	5.3
15-24 years-----	5.4	5.1	6.4	5.5	5.3	5.3	6.3	5.1	4.3	4.4
25-34 years-----	6.2	5.7	6.6	6.6	5.8	6.3	6.8	6.1	5.8	5.2
35-44 years-----	7.9	7.2	8.5	8.7	7.8	8.6	8.5	7.1	7.8	6.1
45-64 years-----	10.1	10.6	12.4	10.8	9.8	9.2	9.9	8.3	8.9	8.6
65 years and over-----	14.7	15.9	18.0	15.4	15.1	13.5	14.2	11.8	12.5	12.7

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

³Caution should be exercised in the use of this figure since the approximate relative standard error of the estimated average length of stay exceeds 25 percent. See "Reliability of Estimates," appendix I.

Table 9. Number and percent distribution of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1966

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Number in thousands										
<u>Both sexes</u> ¹										
All ages ² ---	28,477	1,543	4,818	5,541	3,014	3,878	1,683	3,477	1,561	2,962
Under 15 years-----	4,224	267	727	892	466	546	214	503	225	383
15-44 years-----	12,693	635	2,053	2,412	1,307	1,826	801	1,551	694	1,414
15-24 years-----	4,937	246	745	959	539	731	309	582	269	558
25-34 years-----	4,114	207	718	768	407	568	261	501	216	467
35-44 years-----	3,641	182	591	684	362	527	231	467	209	388
45-64 years-----	6,589	345	1,167	1,273	657	906	385	774	377	705
65 years and over-----	4,911	294	861	955	577	589	278	639	262	455
<u>Male</u>										
All ages ² ---	11,203	614	1,882	2,201	1,162	1,537	657	1,376	607	1,168
Under 15 years-----	2,383	155	415	505	265	297	116	280	126	223
15-44 years-----	3,470	168	519	658	345	512	218	461	185	404
15-24 years-----	1,200	86	174	232	131	164	76	161	83	140
25-34 years-----	992	87	148	180	88	158	81	136	68	125
35-44 years-----	1,277	94	197	246	126	189	81	164	74	139
45-64 years-----	3,079	161	552	589	294	440	186	350	170	337
65 years and over-----	2,240	129	391	444	255	282	134	280	125	201
<u>Female, including deliveries</u>										
All ages ² ---	17,222	926	2,928	3,331	1,843	2,336	1,024	2,092	951	1,791
Under 15 years-----	1,832	112	310	386	199	248	98	222	98	160
15-44 years-----	9,208	465	1,532	1,751	960	1,312	582	1,087	509	1,010
15-24 years-----	3,732	185	570	726	407	566	234	420	205	419
25-34 years-----	3,119	160	568	588	318	410	200	365	168	342
35-44 years-----	2,358	120	394	437	234	337	149	302	135	249
45-64 years-----	3,496	183	613	682	361	464	199	422	205	367
65 years and over-----	2,658	164	468	509	321	305	144	356	137	253
<u>Female, excluding deliveries</u>										
All ages ² ---	13,574	733	2,268	2,641	1,432	1,827	820	1,730	752	1,370
Under 15 years-----	1,822	112	309	382	198	247	96	220	98	159
15-44 years-----	5,577	272	875	1,066	550	807	379	727	310	591
15-24 years-----	1,810	93	271	358	186	267	115	223	100	195
25-34 years-----	1,754	81	280	334	164	245	132	240	91	186
35-44 years-----	2,014	98	323	374	200	294	132	264	119	210
45-64 years-----	3,489	182	612	682	360	462	199	422	205	365
65 years and over-----	2,658	164	468	509	321	305	144	356	137	253

See footnotes at end of table.

Table 9. Number and percent distribution of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1966—Con.

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes¹</u>	Percent distribution									
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	14.8	17.3	15.1	16.1	15.5	14.1	12.7	14.5	14.4	12.9
15-44 years-----	44.6	41.1	42.6	43.5	43.4	47.1	47.6	44.6	44.4	47.7
15-24 years-----	17.3	15.9	15.5	17.3	17.9	18.8	18.4	16.7	17.2	18.9
25-34 years-----	14.4	13.4	14.9	13.9	13.5	14.7	15.5	14.4	13.8	15.8
35-44 years-----	12.8	11.8	12.3	12.4	12.0	13.6	13.7	13.4	13.4	13.1
45-64 years-----	23.1	22.3	24.2	23.0	21.8	23.4	22.9	22.3	24.1	23.8
65 years and over-----	17.2	19.0	17.9	17.2	19.1	15.2	16.5	18.4	16.8	15.4
<u>Male</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	21.3	25.3	22.1	22.9	22.8	19.4	17.7	20.3	20.7	19.1
15-44 years-----	31.0	27.4	27.6	29.9	29.7	33.3	33.3	33.5	30.4	34.6
15-24 years-----	10.7	9.8	9.2	10.5	11.2	10.7	11.6	11.7	10.4	12.0
25-34 years-----	8.9	7.6	7.9	8.2	7.6	10.3	9.3	9.9	7.8	10.7
35-44 years-----	11.4	10.0	10.5	11.2	10.8	12.3	12.4	11.9	12.1	11.9
45-64 years-----	27.5	26.2	29.3	26.7	25.3	28.6	28.4	25.4	28.0	28.9
65 years and over-----	20.0	20.9	20.8	20.2	21.9	18.4	20.3	20.4	20.5	17.2
<u>Female, including deliveries</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	10.6	12.1	10.6	11.6	10.8	10.6	9.5	10.6	10.3	8.9
15-44 years-----	53.5	50.2	52.3	52.6	52.1	56.2	56.8	52.0	53.5	56.4
15-24 years-----	21.7	20.0	19.5	21.8	22.1	24.2	22.8	20.1	21.6	23.4
25-34 years-----	18.1	17.3	19.4	17.6	17.3	17.5	19.5	17.4	17.7	19.1
35-44 years-----	13.7	13.0	13.5	13.1	12.7	14.4	14.5	14.4	14.2	13.9
45-64 years-----	20.3	19.8	20.9	20.5	19.6	19.9	19.4	20.2	21.6	20.5
65 years and over-----	15.4	17.7	16.0	15.3	17.4	13.1	14.1	17.0	14.5	14.1
<u>Female, excluding deliveries</u>										
All ages ² ----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years-----	13.4	15.2	13.6	14.5	13.8	13.5	11.7	12.7	13.0	11.6
15-44 years-----	41.1	37.1	38.6	40.4	38.4	44.1	46.2	42.0	41.3	43.1
15-24 years-----	13.3	12.7	12.0	13.6	13.0	14.6	14.0	12.9	13.3	14.2
25-34 years-----	12.9	11.1	12.4	12.6	11.4	13.4	16.1	13.9	12.1	13.5
35-44 years-----	14.8	13.4	14.2	14.2	13.9	16.1	16.1	15.3	15.8	15.3
45-64 years-----	25.7	24.9	27.0	25.8	25.2	25.3	24.2	24.3	27.3	26.6
65 years and over-----	19.6	22.4	20.7	19.3	22.4	16.7	17.6	20.6	18.3	18.4

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

³Caution should be exercised in the use of this figure since the approximate relative standard error of the estimated number or percent of discharges exceeds 25 percent. See "Reliability of Estimates," appendix I.

Table 10. Rate of inpatients discharged from short-stay hospitals, by sex, age, and geographic division: United States, 1966

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes</u> ¹	Rate per 1,000 population									
All ages ² ---	148.6	140.2	134.0	144.7	192.5	137.3	132.8	189.8	205.9	123.9
Under 15 years---	70.6	80.8	70.3	73.7	95.5	60.3	52.9	83.6	85.8	51.2
15-44 years-----	169.2	151.3	147.5	162.2	224.5	160.4	158.5	215.1	231.9	147.6
45-64 years-----	168.8	146.0	143.4	162.3	205.8	167.9	158.9	221.6	273.8	147.0
65 years and over-----	277.1	256.7	242.7	275.6	329.0	243.2	243.0	399.6	443.1	221.4
<u>Male</u>										
All ages ² ---	121.0	116.0	109.0	117.8	152.6	113.9	107.8	155.9	162.9	100.6
Under 15 years---	78.3	92.0	78.9	81.8	106.5	64.8	56.6	91.6	94.5	58.6
15-44 years-----	97.2	84.0	78.5	91.6	122.7	96.3	91.5	135.5	128.5	88.7
45-64 years-----	164.6	145.4	142.6	154.5	191.3	173.5	162.3	209.5	248.6	143.5
65 years and over-----	289.9	258.6	257.4	292.4	327.2	269.4	267.2	401.0	451.6	225.5
<u>Female</u>										
All ages---	173.9	161.9	156.6	169.9	229.3	158.3	155.6	220.5	247.0	145.6
Under 15 years---	62.3	68.9	61.1	64.9	83.1	55.6	48.9	74.9	76.4	43.5
15-44 years-----	234.2	212.1	209.6	227.8	318.3	216.4	218.2	285.6	327.1	200.9
45-64 years-----	172.1	145.4	143.4	169.3	218.1	162.4	155.7	231.7	297.0	150.2
65 years and over-----	265.9	253.6	230.9	261.3	328.9	222.2	223.5	396.0	434.8	217.0

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

Table 11. Number and percent distribution of days of care of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1966

[Excludes newborn infants]

Sex and age	All divi- sions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Number in thousands										
<u>Both sexes¹</u>										
All ages ² ---	230,453	13,430	47,072	47,861	24,058	29,023	14,377	22,745	10,278	21,610
Under 15 years -----	20,270	1,187	3,934	4,408	2,423	2,444	1,166	2,289	839	1,581
15-44 years -----	76,921	4,025	14,503	15,257	7,778	10,433	5,784	8,040	3,500	7,602
15-24 years -----	25,006	1,420	4,538	5,088	2,662	3,410	1,860	2,497	1,107	2,424
25-34 years -----	24,254	1,245	4,650	4,711	2,382	3,331	1,677	2,649	1,005	2,602
35-44 years -----	27,661	1,359	5,314	5,458	2,734	3,691	2,247	2,893	1,388	2,576
45-64 years -----	67,069	3,961	14,547	14,614	6,058	8,475	4,057	5,908	3,061	6,387
65 years and over -----	65,791	4,225	14,004	13,518	7,766	7,612	3,332	6,459	2,862	6,013
<u>Male</u>										
All ages ² ---	97,054	5,279	20,664	20,369	9,473	12,667	5,864	9,201	4,170	9,369
Under 15 years -----	11,764	726	2,245	2,530	1,451	1,385	³ 628	1,335	³ 520	942
15-44 years -----	24,770	1,151	4,927	4,981	2,231	3,349	1,816	2,603	970	2,742
15-24 years -----	7,402	³ 335	1,367	1,542	752	995	³ 587	810	³ 289	725
25-34 years -----	6,933	³ 276	1,290	1,284	³ 546	1,013	³ 513	783	³ 236	993
35-44 years -----	10,435	³ 540	2,270	2,155	933	1,342	717	1,010	³ 445	1,024
45-64 years -----	31,588	1,719	7,224	6,776	2,658	4,252	1,955	2,559	1,378	3,067
65 years and over -----	28,748	1,675	6,216	6,043	3,124	3,651	1,447	2,682	1,295	2,614
<u>Female, including deliveries</u>										
All ages ² ---	132,833	8,031	26,313	27,415	14,487	16,290	8,497	13,499	6,096	12,204
Under 15 years -----	8,461	³ 460	1,679	1,866	955	1,058	³ 538	951	³ 318	³ 637
15-44 years -----	52,059	2,866	9,564	10,252	5,535	7,068	3,957	5,428	2,529	4,860
15-24 years -----	17,572	1,080	3,167	3,534	1,904	2,414	1,273	1,683	817	1,699
25-34 years -----	17,301	968	3,354	3,420	1,835	2,317	1,164	1,865	769	1,610
35-44 years -----	17,187	818	3,044	3,298	1,796	2,337	1,520	1,880	943	1,551
45-64 years -----	35,294	2,222	7,272	7,827	3,354	4,184	2,102	3,340	1,675	3,318
65 years and over -----	36,812	2,459	7,767	7,443	4,621	3,950	1,879	3,760	1,567	3,365
<u>Female, excluding deliveries</u>										
All ages ² ---	116,832	6,944	22,966	24,282	12,545	14,217	7,675	12,274	5,337	10,593
Under 15 years -----	8,422	³ 460	1,673	1,852	952	1,054	³ 534	946	³ 317	³ 636
15-44 years -----	36,128	1,783	6,230	7,137	3,598	5,005	3,139	4,209	1,771	3,256
15-24 years -----	9,494	³ 608	1,643	1,952	920	1,303	858	998	³ 432	782
25-34 years -----	11,088	³ 462	1,933	2,213	1,046	1,558	900	1,444	³ 467	1,064
35-44 years -----	15,546	712	2,654	2,973	1,632	2,145	1,380	1,767	873	1,410
45-64 years -----	35,264	2,219	7,264	7,824	3,352	4,179	2,102	3,338	1,674	3,313
65 years and over -----	36,812	2,459	7,767	7,443	4,621	3,950	1,879	3,760	1,567	3,365

See footnotes at end of table,

Table 11. Number and percent distribution of days of care of inpatients discharged from short-stay hospitals by sex and age, according to geographic division: United States, 1966—Con.

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<u>Both sexes¹</u>	Percent distribution									
All ages ² ---	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years -----	8.8	8.8	8.4	9.2	10.1	8.4	8.1	10.1	8.2	7.3
15-44 years -----	33.4	30.0	30.8	31.9	32.3	35.9	40.2	35.3	34.1	35.2
15-24 years -----	10.9	10.6	9.6	10.6	11.1	11.7	12.9	11.0	10.8	11.2
25-34 years -----	10.5	9.3	9.9	9.8	9.9	11.5	11.7	11.6	9.8	12.0
35-44 years -----	12.0	10.1	11.3	11.4	11.4	12.7	15.6	12.7	13.5	11.9
45-64 years -----	29.1	29.5	30.9	30.5	25.2	29.2	28.2	26.0	29.8	29.6
65 years and over -----	28.5	31.5	29.7	28.2	32.3	26.2	23.2	28.4	27.8	27.8
<u>Male</u>										
All ages ² ---	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years -----	12.1	13.8	10.9	12.4	15.3	10.9	10.7	14.5	12.5	10.1
15-44 years -----	25.5	21.8	23.8	24.5	23.5	26.4	31.0	28.3	23.3	29.3
15-24 years -----	7.6	6.4	6.6	7.6	7.9	7.9	10.0	8.8	6.9	7.7
25-34 years -----	7.1	5.2	6.2	6.3	5.8	8.0	8.7	8.5	5.7	10.6
35-44 years -----	10.8	10.2	11.0	10.6	9.8	10.6	12.2	11.0	10.7	10.9
45-64 years -----	32.5	32.6	35.0	33.3	28.1	33.6	33.3	27.8	33.1	32.7
65 years and over -----	29.6	31.7	30.1	29.7	33.0	28.8	24.7	29.2	31.1	27.9
<u>Female, including deliveries</u>										
All ages ² ---	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years -----	6.4	5.7	6.4	6.8	6.6	6.5	6.3	7.0	5.2	5.2
15-44 years -----	39.2	35.7	36.3	37.4	38.2	43.4	46.6	40.2	41.5	39.8
15-24 years -----	13.2	13.5	12.0	12.9	13.1	14.8	15.0	12.5	13.4	13.9
25-34 years -----	13.0	12.1	12.7	12.5	12.7	14.2	13.7	13.8	12.6	13.2
35-44 years -----	12.9	10.2	11.6	12.0	12.4	14.3	17.9	13.9	15.5	12.7
45-64 years -----	26.6	27.7	27.6	28.6	23.1	25.7	24.7	24.7	27.5	27.2
65 years and over -----	27.7	30.6	29.5	27.2	31.9	24.3	22.1	27.9	25.7	27.6
<u>Female, excluding deliveries</u>										
All ages ² ---	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 15 years -----	7.2	6.6	7.3	7.6	7.6	7.4	7.0	7.7	5.9	6.0
15-44 years -----	30.9	25.7	27.1	29.4	28.7	35.2	40.9	34.3	33.2	30.7
15-24 years -----	8.1	8.8	7.2	8.0	7.3	9.2	11.2	8.1	8.1	7.4
25-34 years -----	9.5	6.7	8.4	9.1	8.3	11.0	11.7	11.8	8.8	10.0
35-44 years -----	13.3	10.3	11.6	12.2	13.0	15.1	18.0	14.4	16.4	13.3
45-64 years -----	30.2	32.0	31.6	32.2	26.7	29.4	27.4	27.2	31.4	31.3
65 years and over -----	31.5	35.4	33.8	30.7	36.8	27.8	24.5	30.6	29.4	31.8

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

³Caution should be exercised in the use of this figure since the approximate relative standard error of the estimated number or percent of days of care exceeds 25 percent. See "Reliability of Estimates," appendix I.

Table 12. Average length of stay of inpatients discharged from short-stay hospitals, by sex, age, and geographic division: United States, 1966

[Excludes newborn infants]

Sex and age	All divisions	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Average stay in days										
<u>Both sexes</u> ¹										
All ages ² --	8.1	8.7	9.8	8.6	8.0	7.5	8.5	6.5	6.6	7.3
Under 15 years-----	4.8	4.4	5.4	4.9	5.2	4.5	5.4	4.5	3.7	4.1
15-44 years-----	6.1	6.3	7.1	6.3	5.9	5.7	7.2	5.2	5.0	5.4
15-24 years-----	5.1	5.8	6.1	5.3	4.9	4.7	6.0	4.3	4.1	4.3
25-34 years-----	5.9	6.0	6.5	6.1	5.9	5.9	6.4	5.3	4.7	5.6
35-44 years-----	7.6	7.5	9.0	8.0	7.6	7.0	9.7	6.2	6.6	6.6
45-64 years-----	10.2	11.5	12.5	11.5	9.2	9.4	10.5	7.6	8.1	9.1
65 years and over-----	13.4	14.4	16.3	14.2	13.5	12.9	12.0	10.1	10.9	13.2
<u>Male</u>										
All ages ² --	8.7	8.6	11.0	9.3	8.2	8.2	8.9	6.7	6.9	8.0
Under 15 years-----	4.9	4.7	5.4	5.0	5.5	4.7	5.4	4.8	4.1	4.2
15-44 years	7.1	6.8	9.5	7.6	6.5	6.5	8.3	5.6	5.3	6.8
15-24 years-----	6.2	5.6	7.9	6.7	5.8	6.1	7.7	5.0	3.4.6	5.2
25-34 years-----	7.0	5.9	8.7	7.1	6.2	6.4	8.4	5.8	3.5.0	7.9
35-44 years-----	8.2	8.8	11.5	8.8	7.4	7.1	8.8	6.1	6.0	7.4
45-64 years-----	10.3	10.7	13.1	11.5	9.0	9.7	10.5	7.3	8.1	9.1
65 years and over-----	12.8	13.0	15.9	13.6	12.3	12.9	10.8	9.6	10.4	13.0
<u>Female, including deliveries</u>										
All ages ² --	7.7	8.7	9.0	8.2	7.9	7.0	8.3	6.5	6.4	6.8
Under 15 years-----	4.6	4.1	5.4	4.8	4.8	4.3	5.5	4.3	3.2	4.0
15-44 years-----	5.7	6.2	6.2	5.9	5.8	5.4	6.8	5.0	5.0	4.8
15-24 years-----	4.7	5.8	5.6	4.9	4.7	4.3	5.5	4.0	4.0	4.1
25-34 years-----	5.5	6.1	5.9	5.8	5.8	5.7	5.8	5.1	4.6	4.7
35-44 years-----	7.3	6.8	7.7	7.5	7.7	6.9	10.2	6.2	7.0	6.2
45-64 years-----	10.1	12.1	11.9	11.5	9.3	9.0	10.6	7.9	8.2	9.0
65 years and over-----	13.8	15.0	16.6	14.6	14.4	12.9	13.0	10.5	11.4	13.3
<u>Female, excluding deliveries</u>										
All ages ² --	8.6	9.5	10.1	9.2	8.8	7.8	9.4	7.1	7.1	7.7
Under 15 years-----	4.6	4.1	5.4	4.8	4.8	4.3	5.6	4.3	3.2	4.0
15-44 years-----	6.5	6.6	7.1	6.7	6.5	6.2	8.3	5.8	5.7	5.5
15-24 years-----	5.2	6.6	6.1	5.5	4.9	4.9	7.5	4.5	4.3	4.0
25-34 years-----	6.3	5.7	6.9	6.6	6.4	6.4	6.8	6.0	5.1	5.7
35-44 years-----	7.7	7.3	8.2	8.0	8.2	7.3	10.5	6.7	7.3	6.7
45-64 years-----	10.1	12.2	11.9	11.5	9.3	9.0	10.6	7.9	8.2	9.1
65 years and over-----	13.8	15.0	16.6	14.6	14.4	12.9	13.0	10.5	11.4	13.3

¹Includes discharged inpatients for whom sex was not stated.

²Includes discharged inpatients for whom age was not stated.

³Caution should be exercised in the use of this figure since the approximate relative standard error of the estimated average length of stay exceeds 25 percent. See "Reliability of Estimates," appendix I.

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 patients discharged from noninstitutional hospitals which have six beds or more for inpatients' use, which are located in the 50 States and the District of Columbia, and in which the average length of stay for all patients is less than 30 days.

Sampling frame and size of sample.—The sampling frame (universe) for the hospitals in the HDS is 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 has been published.⁷

The universe of the survey consisted of 6,965 short-stay hospitals, excluding military and Veterans Administration hospitals, contained in the MFI in 1963. The distribution of short-stay hospitals in the MFI and the HDS sample for 1966-1968 by size and region are shown in table I. The distribution of short-stay hospitals in the MFI and the HDS sample for 1966-1968 by division are shown in table II.

The sample for 1966 and 1967 consisted of 315 hospitals. Of these hospitals, nine refused to participate in 1966 and 15 refused to participate in 1967. In addition, six were out of scope in 1966 and 10 were out of scope in 1967, either because the hospital had gone out of business or because it failed to meet the definition of a short-stay hospital. Thus 300 hospitals in 1966 and 289 hospitals in 1967 participated in the survey. Approximately 137,000 abstracts of medical records were received from the 300 hospitals in 1966, and approximately 145,000 abstracts from the 289 hospitals in 1967.

The sample for 1968 consisted of 465 hospitals. Of these, 35 refused to participate and 17 were out of scope. Thus 413 hospitals in 1968 participated in the survey. Approximately 210,000 abstracts of medical records were received from the 413 hospitals.

Sample design.—All hospitals with 1,000 beds or more in the universe were selected with certainty in the sample. All hospitals with fewer than 1,000 beds were

stratified, with the primary strata being the 24 size-by-region classes, 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 size class and to assure that the overall probability of selecting a discharge would be approximately the same in all hospitals. A detailed description of the survey design, estimating techniques, and quality control devices employed in the HDS has been published.⁸

In nearly all hospitals the daily listing sheet of discharges was the frame from which the subsample of discharges was selected within the sample hospitals. The sample discharges were selected by a random technique, usually on the basis of terminal digits(s) of the patient's medical record number—the 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 th discharge thereafter.

Estimation.—Statistics produced by the HDS are derived by a complex 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 of reciprocals of the probabilities of sample selection, (2) adjustment for nonresponse, and (3) ratio adjustments to fixed totals. These components are described in appendix I of two earlier publications.¹⁻²

Table I. Distribution of short-stay hospitals in the universe (MFI) and in the Hospital Discharge Survey sample, by bed size and geographic region: United States, 1966-68

Bed size of hospital	All regions	Northeast	North Central	South	West
<u>All sizes</u>	Number of hospitals				
Universe-----	6,965	1,107	1,979	2,620	1,259
1966 and 1967 sample-----	315	85	93	91	46
1968 sample-----	465	123	139	135	68
<u>6-49 beds</u>					
Universe-----	3,113	199	830	1,438	646
1966 and 1967 sample-----	39	5	11	15	8
1968 sample-----	59	7	17	23	12
<u>50-99 beds</u>					
Universe-----	1,623	288	442	587	306
1966 and 1967 sample-----	44	8	12	16	8
1968 sample-----	66	12	18	24	12
<u>100-199 beds</u>					
Universe-----	1,144	277	378	332	157
1966 and 1967 sample-----	63	16	20	19	8
1968 sample-----	95	24	30	29	12
<u>200-299 beds</u>					
Universe-----	552	182	151	134	85
1966 and 1967 sample-----	55	19	16	12	8
1968 sample-----	83	29	24	18	12
<u>300-499 beds</u>					
Universe-----	386	110	129	96	51
1966 and 1967 sample-----	59	16	19	16	8
1968 sample-----	89	24	29	24	12
<u>500-999 beds</u>					
Universe-----	129	42	46	28	13
1966 and 1967 sample-----	37	12	12	8	5
1968 sample-----	55	18	18	12	7
<u>1,000 beds or more</u>					
Universe-----	18	9	3	5	1
1966 and 1967 sample-----	18	9	3	5	1
1968 sample-----	18	9	3	5	1

Table II. 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 geographic division: United States, 1966-68

Division	Universe	1966 and 1967 sample	Number participating 1966	Number participating 1967	1968 sample	Number participating 1968
	Number of hospitals					
All divisions-----	6,965	315	300	289	465	413
New England-----	328	20	18	16	29	23
Middle Atlantic-----	779	65	64	60	94	87
East North Central-----	1,052	60	57	56	90	81
West North Central-----	927	33	33	33	49	47
South Atlantic-----	918	42	40	38	63	55
East South Central-----	612	19	17	17	28	24
West South Central-----	1,090	30	29	27	44	38
Mountain-----	444	13	13	13	19	18
Pacific-----	815	33	29	29	49	40

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 forms 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-fourths of the hospitals that participated in the HDS during 1966, 1967, and 1968 this work was performed by the medical records department of the hospital. In nearly all of the remaining hospitals, the work was performed by personnel of the U.S. Bureau of the Census acting for NCHS.

During 1966, 1967, and most of 1968, 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 non-medical patient data presented in this report, is shown in figure I. The reverse side of the form is used to record discharge diagnoses and surgical operations or procedures. In the latter part of 1968 the new medical abstract form shown in figure II was used.

Data processing and editing 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 when necessary, problems were referred to the hospitals for clarification and correction.

The nonmedical data on the front of the sample patient abstracts were converted directly to computer tape by an optical mark page reader machine. The abstract forms were then transmitted to the medical coding section for coding of diagnoses and operations or procedures. These data were also converted to computer tape and subsequently collated with the nonmedical sample data.

Final editing was done by computer inspection of the medical data compared with the age and sex information. If sex and/or age of patient was incompatible with the recorded medical information, priority was given to the latter in the editing decision.

The majority of rejects were corrected by reviewing and editing the information on the abstract forms. However, when it was impossible to correct the code of a rejected item, the 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.

CONFIDENTIAL- All information which would permit identification of an individual or an establishment will be held 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).

PHS-4734-2
REV. 11-66

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL CENTER FOR HEALTH STATISTICS

Form Approved
Budget Bureau No. FH 84-104-102



1. HOSPITAL NUMBER

ABSTRACT OF PATIENT RECORD-Hospital Discharge Survey

2. HDS NUMBER	<table border="1" style="width: 100%; text-align: center;"> <tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> </table>	0	1	2	3	4	5	6	7	8	9																																																																																																																										
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Figure 1. Nonmedical section of optical mark page reader form.

CONFIDENTIAL - All information which would permit identification of an individual or of an establishment will be held 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.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Health Services and Mental Health Administration
National Center for Health Statistics
MEDICAL ABSTRACT — HOSPITAL DISCHARGE SURVEY

I. Patient Identification

1. Hospital number..... _____	4. Date of admission _____	_____	_____	_____
		Month	Day	Year
2. HDS number..... _____	5. Date of discharge _____	_____	_____	_____
		Month	Day	Year
3. Medical record number..... _____				

II. Patient Characteristics

1. Date of birth: _____	2. Age (complete ONLY if date of birth not given): _____	} 1 <input type="checkbox"/> years } 2 <input type="checkbox"/> months } 3 <input type="checkbox"/> days	
Month	Day		Year
			Units
3. Sex: 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female			
4. Race or color: 1 <input type="checkbox"/> White 2 <input type="checkbox"/> Negro 3 <input type="checkbox"/> Other nonwhite 4 <input type="checkbox"/> "Nonwhite" 5 <input type="checkbox"/> Not stated			
5. Marital status: 1 <input type="checkbox"/> Married 2 <input type="checkbox"/> Single 3 <input type="checkbox"/> Widowed 4 <input type="checkbox"/> Divorced 5 <input type="checkbox"/> Separated 6 <input type="checkbox"/> Not stated			
6. Discharge status: 1 <input type="checkbox"/> Alive 2 <input type="checkbox"/> Dead			

III. Diagnoses and Operations

1. Final diagnoses: _____

see reverse side

2. Operations: _____

see reverse side

Completed by _____ Date _____

FOR NCHS USE ONLY

Diagnoses _____

Operations _____

Figure 11. New medical abstract form.

Population Estimates

The base populations used in computing rates are unpublished estimates for the U.S. civilian, noninstitutional population as of July 1, 1966, July 1, 1967, and July 1, 1968, provided by the U.S. Bureau of the Census.

The population estimates for the United States by age for geographic divisions for 1966 (table III), for 1967 (table IV), and for 1968 (table V) are consistent with the estimates of the civilian population published by the U.S. Bureau of the Census in *Current Population Reports*, Series P-25. However, they are not official population estimates of the U.S. Bureau of the Census. Estimates of the divisional populations by age and according to sex were provided by the U.S. Bureau of the Census specifically for use in the HDS for computing rates.

General Qualifications

Rounding of numbers.—Estimates of the number of discharges and number of days of care have been rounded to the nearest thousand for tabular presentation. For this reason, detailed figures within tables do not always add to totals. Percents and rates presented were calculated

on the basis of unrounded figures and will not necessarily agree with rates and percents which may be tabulated from rounded data.

Patient characteristics not stated.—Age and/or sex of patients was not stated for less than 1 percent of all discharges.

Reliability of Estimates

Estimates from sample surveys such as the HDS are subject to two types of errors—measurement or non-sampling 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 error that occur in a survey. Sampling errors occur because a sample instead of a complete count or census is taken.

Measurement errors.—As in any survey, the results are subject to nonsampling or measurement errors which include errors due to hospital nonresponse, missing abstracts, information incompletely or inaccurately recorded on abstract forms, and processing errors.

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

Division	All ages	Under 15 years	15-44 years	45-46 years	65 years and over
	Population in thousands ¹				
All divisions-----	191,634	59,868	75,021	39,021	17,724
New England-----	11,010	3,308	4,196	2,362	1,144
Middle Atlantic-----	35,955	10,346	13,918	8,143	3,548
East North Central-----	38,287	12,113	14,868	7,841	3,465
West North Central-----	15,655	4,885	5,824	3,193	1,754
South Atlantic-----	28,248	9,052	11,382	5,393	2,421
East South Central-----	12,673	4,049	5,054	2,425	1,145
West South Central-----	18,317	6,016	7,208	3,494	1,599
Mountain-----	7,578	2,618	2,991	1,376	592
Pacific-----	23,911	7,480	9,580	4,794	2,057

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.

Table IV. Civilian, noninstitutional population used to compute rates in this publication, by geographic division and age: United States, July 1, 1967

Division	All ages	Under 15 years	15-44 years	45-64 years	65 years and over
	Population in thousands ¹				
All divisions-----	193,475	59,792	75,999	39,642	18,043
New England-----	11,097	3,312	4,233	2,395	1,157
Middle Atlantic-----	36,084	10,307	13,944	8,232	3,601
East North Central-----	38,644	12,090	15,072	7,974	3,508
West North Central-----	15,717	4,829	5,896	3,222	1,770
South Atlantic-----	28,608	9,065	11,558	5,496	2,489
East South Central-----	12,757	4,018	5,117	2,453	1,169
West South Central-----	18,542	6,015	7,342	3,546	1,639
Mountain-----	7,637	2,605	3,023	1,403	606
Pacific-----	24,389	7,551	9,813	4,921	2,104

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.

Table V. Civilian, noninstitutional population used to compute rates in this publication, by geographic division and age: United States, July 1, 1968

Division	All ages	Under 15 years	15-44 years	45-64 years	65 years and over
	Population in thousands ¹				
All divisions-----	195,324	59,473	77,261	40,237	18,353
New England-----	11,163	3,288	4,285	2,425	1,164
Middle Atlantic-----	36,383	10,266	14,148	8,340	3,629
East North Central-----	38,965	12,005	15,329	8,097	3,534
West North Central-----	15,774	4,751	5,992	3,246	1,785
South Atlantic-----	29,064	9,064	11,810	5,601	2,587
East South Central-----	12,781	3,955	5,162	2,473	1,191
West South Central-----	18,788	5,995	7,518	3,596	1,679
Mountain-----	7,728	2,590	3,079	1,433	625
Pacific-----	24,678	7,558	9,938	5,023	2,158

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.

Some of these were discussed in earlier sections.

Sampling errors.—The standard error in this survey 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 $2\frac{1}{2}$ standard errors. Applying the illustration at the bottom of figure III, the chances are about 68 out of 100 that the value that would be obtained in a complete enumeration is contained in the interval $490,000 \pm 13.0$ percent of 490,000 (between 426,000 and 554,000), 95 out of 100 for the interval $490,000 \pm 13.0$ percent of 490,000 multiplied by 2, and 99 out of 100 for the interval $490,000 \pm 13.0$ percent of 490,000 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

Figure III. Approximate relative standard errors of estimated numbers of inpatients discharged from short-stay hospitals for patient characteristics by geographic division and for all divisions.

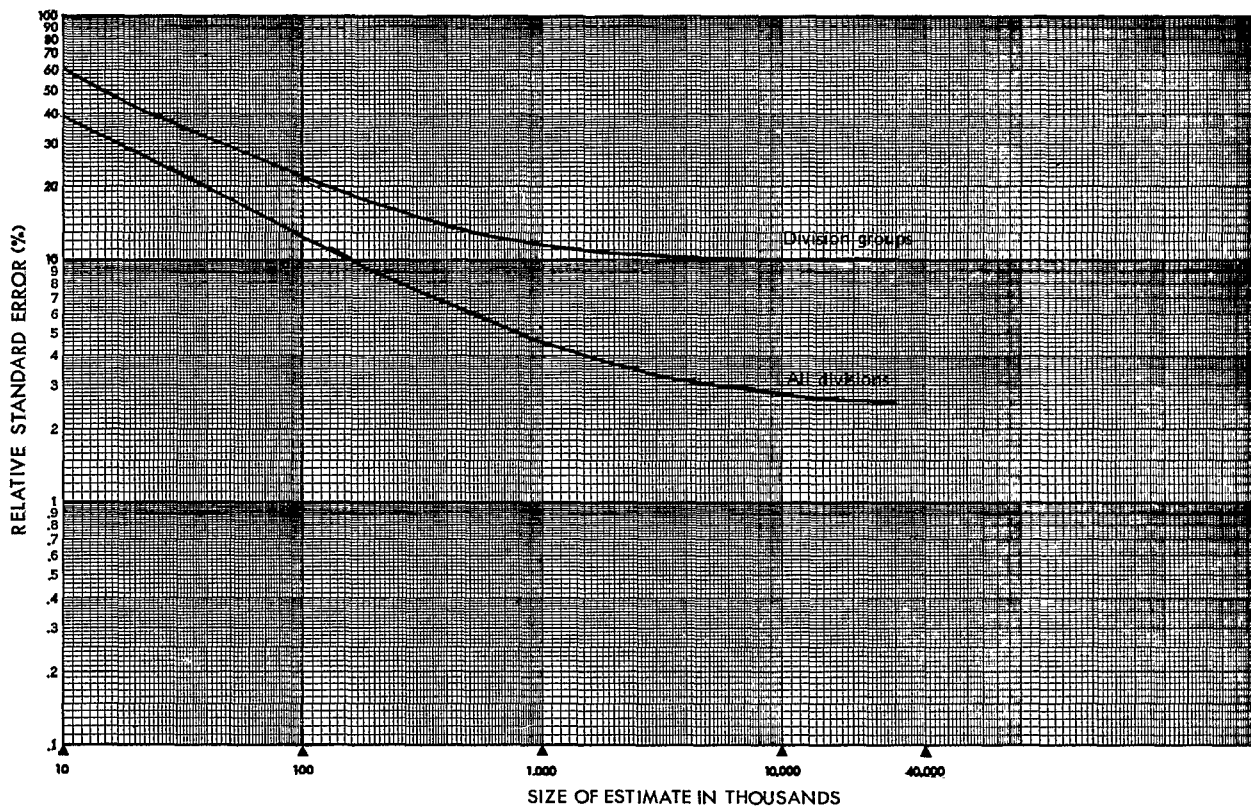


Illustration of use of figure III: As shown in table 5, an estimated 490,000 male patients aged 15-44 years were discharged within the South Atlantic in 1967. The relative standard error of this estimate as read from the line "Division groups" is approximately 13.0 percent: the standard error of 490,000 is 63,700 (13.0 percent of 490,000).

approximations were required. As a result, figures III and IV and tables VI and VII shown in this section provide general standard errors for a wide variety of estimates rather than the specific error for a particular 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 such as age and sex and cross-classifications, e.g., age and sex cross-classified by one of two hospital groupings as follows: (1) by geographic division, or (2) by hospitals summed over all divisions. 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 with which the patient characteristic(s) is cross-classified. The procedures that apply are as follows:

Procedure 1. *Estimated numbers of discharges:* Approximate relative standard errors of es-

timated numbers of discharges are obtained from the curves shown in figure III.

Procedure 2. *Estimated numbers of days of care:* Approximate relative standard errors of estimated numbers of days of care are obtained from the curves in figure IV.

Procedure 3. *Estimated percentage 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 VI.

Procedure 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 VII.

Figure IV. Approximate relative standard errors of estimated numbers of days of care for inpatients discharged from short-stay hospitals for patient characteristics by geographic division and for all divisions.

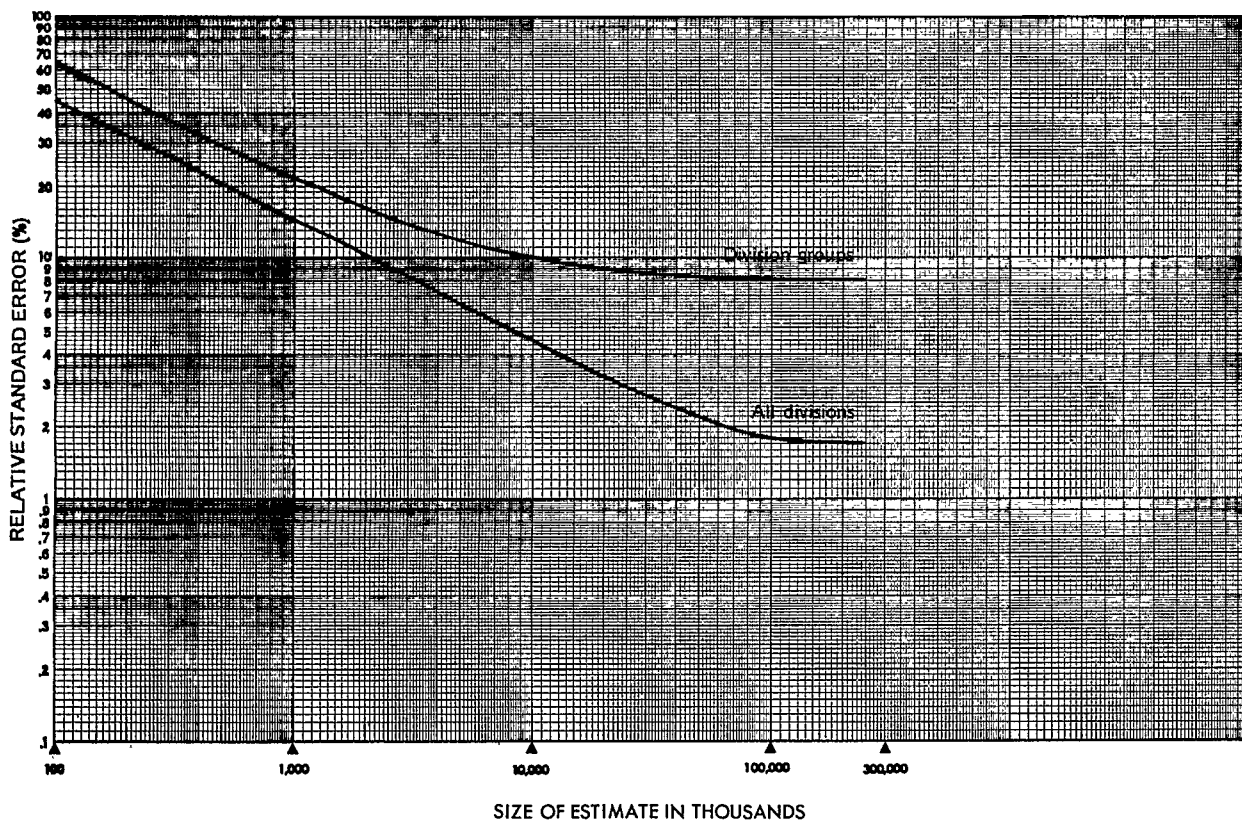


Illustration of use of figure IV: As shown in table 11, an estimated 7,272,000 days of care were provided to females, including those with deliveries, aged 45-64 years within the Middle Atlantic in 1966. The relative standard error of this estimate as read from the line "Division groups" is approximately 10.8 percent: the standard error is 785,376 (10.8 percent of 7,272,000).

Table VI. Approximate standard errors of percentages shown in this report for discharges: patient characteristics classified by geographic division

[Standard errors for patient characteristics for all hospitals are 2/3 times the standard errors shown in this table.]

Number of discharges (base of percent in thousands)	Estimated percent							
	1 or 99	3 or 97	5 or 95	10 or 90	20 or 80	30 or 70	40 or 60	50
	Standard error expressed in percentage points							
200-----	1.3	2.3	2.9	4.0	5.3	6.1	6.5	6.6
600-----	0.8	1.3	1.7	2.3	3.1	3.5	3.8	3.8
1,000-----	0.6	1.0	1.3	1.8	2.4	2.7	2.9	3.0
2,000-----	0.4	0.7	0.9	1.3	1.7	1.9	2.1	2.1
6,000-----	0.2	0.4	0.5	0.7	1.0	1.1	1.2	1.2
10,000-----	0.2	0.3	0.4	0.6	0.8	0.9	0.9	0.9
20,000-----	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7
30,000-----	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5

Illustration of use of table VI: Table 1 shows that 39.7 percent of the 2,664,000 females, excluding those with deliveries, discharged within the East North Central were aged 15-44 years. Linear interpolation between the values shown in table VI will yield an approximated standard error of 2.0 percent for an estimate of 39.7 percent with a base of 2,664,000.

Table VII. Approximate standard errors of percentages shown in this report for days of care: patient characteristics classified by geographic division

[Standard errors for patient characteristics for all hospitals are 3/4 times the standard errors shown in this table.]

Number of days of care (base of percent in thousands)	Estimated percent							
	1 or 99	3 or 97	5 or 95	10 or 90	20 or 80	30 or 70	40 or 60	50
	Standard error expressed in percentage points							
2,000-----	1.4	2.4	3.1	4.2	5.6	6.4	6.9	7.0
6,000-----	0.8	1.4	1.8	2.4	3.2	3.7	4.0	4.1
10,000-----	0.6	1.1	1.4	1.9	2.5	2.9	3.1	3.1
20,000-----	0.4	0.8	1.0	1.3	1.8	2.0	2.2	2.2
60,000-----	0.3	0.4	0.6	0.8	1.0	1.2	1.3	1.3
100,000-----	0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0
200,000-----	0.1	0.2	0.3	0.4	0.6	0.6	0.7	0.7
300,000-----	0.1	0.2	0.3	0.3	0.5	0.5	0.6	0.6

Illustration of use of table VII: Table 7 shows that of the 10,825,000 days of care provided to all patients discharged within the Mountain Division, 30.1 percent of days were utilized by patients aged 65 years and over. Linear interpolation between the values shown in table VII will yield an approximate standard error of 2.8 percent for an estimate of 30.1 percent with a base of 10,825,000.

Approximate standard errors of average lengths of stay can be calculated as in the following example:

Suppose the standard error (δ_R') of the average length of stay for females, including deliveries, aged 45-64 years for the South Atlantic Division in 1966 is desired. The estimated number of discharges for this statistic is 464,000 (table 9) and the estimated number of days of care is 4,184,000 (table 11).

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

$$\frac{X'}{Y'} = \frac{4,184,000}{464,000} = 9.0 \text{ days}$$

The relative standard error ($V_{X'}$) of 4,184,000 (from division groups curve in figure IV) is 12.6 percent or .126; $V_{X'}^2 = (.126)^2$. The relative standard error ($V_{Y'}$) of 464,000 (from division groups curve in figure III) is 13.1

percent, or .131; $V_{Y'}^2 = (.131)^2$. The sample correlation coefficient (r) which measures the closeness of the relation between the estimated number of days of care and the estimated number of discharges has been computed to be 0.75.

$$\begin{aligned} V_{R'}^2 &= V_{X'}^2 + V_{Y'}^2 - 2rV_{X'}V_{Y'} \\ &= (.126)^2 + (.131)^2 - 1.5 (.126 \times .131) \\ &= .015876 + .017161 - .024759 = .008278 \end{aligned}$$

$$V_{R'} = \sqrt{.008278} = .091$$

$$\delta_{R'} = R' \times V_{R'} = 9.0 \text{ days} \times .091 = 0.8 \text{ days}$$

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APPENDIX II

DEFINITIONS OF CERTAIN TERMS USED IN THIS REPORT

Terms Relating to Hospitalization

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. Federal hospitals and hospital units of institutions are not included. "Hospitals" and "short-stay hospitals" are used synonymously.

Inpatient.—A person who is formally admitted to the inpatient service of a short-stay hospital for observation, care, diagnosis, or treatment. In this report the number of patients refers to the number of discharges during 1966, 1967, or 1968 including multiple discharges of the same individual (if any) from one short-stay hospital or more. "Patient" and "inpatient" are used synonymously.

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. "Discharges" and "patients (or inpatients) discharged" are used synonymously.

Discharge rate.—The ratio of the number of hospital discharges (inpatients) during 1966, 1967, or 1968 to the number of persons in the civilian, noninstitutional

population as of July 1, 1966, July 1, 1967, or July 1, 1968, respectively.

Days of care.—The total number of inpatient days accumulated at time of discharge by patients discharged from short-stay hospitals during 1966, 1967, or 1968. 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.

Average length of stay.—The total number of inpatient days accumulated at time of discharge by patients discharged during 1966, 1967, or 1968 divided by the number of patients discharged for the respective year.

Demographic Terms

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

Size of hospital.—Measured by the number of beds, cribs, and pediatric bassinets regularly maintained (set

up and staffed for use) for inpatients as reported by the hospitals at or near midyear—bassinets for newborn infants are not included.

Geographic region and division.—In this report hospitals are classified by location according to the nine

geographic divisions of the United States, which correspond to those used by the U.S. Bureau of the Census. For the convenience of the reader the following table shows region and division groups for the 50 States and the District of Columbia.

<i>Region</i>	<i>Division</i>	<i>States Included</i>
Northeast-----	New England-----	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut
	Middle Atlantic-----	New York, New Jersey, Pennsylvania
North Central-----	East North Central-----	Michigan, Ohio, Illinois, Indiana, Wisconsin
	West North Central-----	Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas
South-----	South Atlantic-----	Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida
	East South Central-----	Kentucky, Tennessee, Alabama, Mississippi
	West South Central-----	Arkansas, Louisiana, Oklahoma, Texas
West-----	Mountain-----	Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada
	Pacific-----	Washington, Oregon, California, Hawaii, Alaska



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