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VITAL STATISTICS REPORT

Summary Report Final Mortality Statistics, 1970

FROM THE
NATIONAL CENTER FOR HEALTH STATISTICS

PART II. CAUSE OF DEATH

There were 1,921,031 resident deaths in the United States during 1970. This resulted in a death rate of 9.5, the same as the rate for 1969. The demographic characteristics associated with this mortality for 1970—age, color, sex, and geographic area—are discussed in Part I of this Summary Report (*Monthly Vital Statistics Report*, Vol. 22, No. 8, Supplement, November 14, 1973). Sources of the data shown in this Summary Report are also explained in Part I.

The effect of changes in the age composition of the population from year to year is eliminated in age-adjusted death rates by applying current age-specific death rates to a standard population of unchanging age structure. The standard population used in this report was the total U.S. population in 1940. The age-adjusted rate in 1970 was 7.1 per 1,000 population, a decrease of 2.7 percent from the previous year.

By color, persons other than white showed a greater reduction in the age-adjusted rate between 1969 and 1970 (6 percent) than did white persons (2 percent). However, the age-adjusted rate for all other persons is 1.5 times the corresponding rate for white persons.

Causes of death.—The death rate for most causes of death was either lower or changed very little between 1969 and 1970. Noteworthy exceptions that increased in 1970 were Homicide, 7.8 percent; Cirrhosis of liver, 4.7 percent; and Suicide, 4.5 percent. Also death rates in 1970 for three of the four leading causes showed decreases from 1969—Diseases of heart, 1.1 percent; Cerebrovascular diseases, 0.7 percent; and Accidents, 2.1 percent. The exception was the death rate for Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues, that increased by 1.8 percent.

Infant mortality.—The infant mortality rate in 1970 was 20.0 per 1,000 live births, a reduction of 4.3 percent from the 1969 level. The rate for males was 4.3 percent lower than that of 1969 and the rate for females was 3.3 percent lower. By color, the rate for white infants in 1970 was 3.3 percent lower than in 1969; for all other infants the rate was 6.1 percent lower.

For the total, white, and all other populations the neonatal death rates (under 28 days) decreased 3.2 percent, 2.8 percent, and 4.9 percent, respectively. By sex, the rate for males in 1970 was 4.0 percent lower than in 1969; for females the rate was 1.5 percent lower.

Maternal mortality.—There were 803 women who died of maternal causes in 1970. As in previous years, this number does not include all deaths occurring to pregnant women but only deaths assigned to Complications of pregnancy, childbirth, and puerperium (630-678). The number of maternal deaths and the maternal mortality rates per 100,000 live births by color for 1970 were:

	Number	Rate
Total-----	803	21.5
White- -----	445	14.4
All other -----	358	55.9

The overall rate in 1970 was 3.2 percent below the rate for 1969. The maternal mortality rate for white women declined 7.1 percent and the rate for all other women increased 0.3 percent. The maternal mortality rate for all other women is about 3.9 times that for white women.

MONTHLY VITAL STATISTICS REPORT

Table 1. DEATHS FROM 69 SELECTED

[Refers only to resident deaths occurring within

Cause of death (Eighth Revision, International Classification of Diseases, Adapted, 1965)		Total	Under 1 year
1	All causes-----	1,921,031	74,667
2	Bacillary dysentery and amebiasis-----004-006	89	9
3	Enteritis and other diarrheal diseases-----008-009	2,567	850
4	Tuberculosis, all forms-----010-019	5,217	16
5	Tuberculosis of respiratory system-----010-012	4,162	8
6	Tuberculosis, other forms-----013-019	1,055	8
7	Whooping cough-----033	12	8
8	Streptococcal sore throat and scarlet fever-----034	29	4
9	Meningococcal infections-----036	550	124
10	Septicemia-----038	3,535	865
11	Acute poliomyelitis-----040-045	7	2
12	Measles-----055	89	20
13	Syphilis and its sequelae-----090-097	461	12
14	Other infective and parasitic diseases-----Remainder of 000-136	4,093	372
15	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	330,730	164
16	Malignant neoplasms of buccal cavity and pharynx-----140-149	7,612	-
17	Malignant neoplasms of digestive organs and peritoneum-----150-159	94,703	15
18	Malignant neoplasms of respiratory system-----160-163	69,517	5
19	Malignant neoplasm of breast-----174	29,917	1
20	Malignant neoplasms of genital organs-----180-187	41,190	1
21	Malignant neoplasms of urinary organs-----188,189	15,514	8
22	Malignant neoplasms of all other and unspecified sites-----170-173,190-199	39,068	59
23	Leukemia-----204-207	14,492	68
24	Other neoplasms of lymphatic and hematopoietic tissues-----200-203,208,209	18,717	7
25	Benign neoplasms and neoplasms of unspecified nature-----210-239	4,829	74
26	Diabetes mellitus-----250	38,324	12
27	Avitaminoses and other nutritional deficiencies-----260-269	2,470	164
28	Anemias-----280-285	3,427	59
29	Meningitis-----320	1,701	587
30	Major cardiovascular diseases-----390-448	1,007,984	668
31	Diseases of heart-----390-398,402,404,410-429	735,542	485
32	Active rheumatic fever and chronic rheumatic heart disease-----390-398	14,989	2
33	Hypertensive heart disease-----402	8,413	1
34	Hypertensive heart and renal disease-----404	6,578	1
35	Ischemic heart disease-----410-413	666,665	14
36	Acute myocardial infarction-----410	357,241	11
37	Other acute and subacute forms of ischemic heart disease-----411	4,246	-
38	Chronic ischemic heart disease-----412	304,962	3
39	Angina pectoris-----413	216	-
40	Chronic disease of endocardium and other myocardial insufficiency-----424,428	6,705	33
41	All other forms of heart disease-----420-423,425-427,429	32,292	404
42	Hypertension-----400,401,403	8,273	-
43	Cerebrovascular diseases-----430-438	207,166	173
44	Cerebral hemorrhage-----431	41,379	74
45	Cerebral thrombosis-----433	57,845	5
46	Cerebral embolism-----434	884	-
47	All other cerebrovascular diseases-----430,432,435-438	107,068	94
48	Arteriosclerosis-----440	31,682	2
49	Other diseases of arteries, arterioles, and capillaries-----441-448	25,321	38
50	Acute bronchitis and bronchiolitis-----466	1,310	471
51	Influenza and pneumonia-----470-474,480-486	62,739	6,303
52	Influenza-----470-474	5,707	85
53	Pneumonia-----480-486	59,032	6,220
54	Bronchitis, emphysema, and asthma-----490-493	50,889	146
55	Chronic and unqualified bronchitis-----490,491	5,846	115
56	Emphysema-----492	22,721	18
57	Asthma-----493	2,322	13
58	Peptic ulcer-----531-533	8,807	60
59	Appendicitis-----540-543	1,397	16
60	Hernia and intestinal obstruction-----550-553,550	7,235	627
61	Cirrhosis of liver-----571	31,398	25
62	Cholelithiasis, cholecystitis and cholangitis-----574,575	3,973	1
63	Nephritis and nephrosis-----580-584	8,877	34
64	Acute nephritis and nephrotic syndrome-----580,581	1,354	17
65	Chronic and unqualified nephritis and renal sclerosis-----582-584	7,523	17
66	Infections of kidney-----590	8,190	21
67	Hyperplasia of prostate-----800	2,168	-
68	Complications of pregnancy, childbirth, and the puerperium-----630-678	805	-
69	Abortions-----640-645	128	-
70	Other complications of pregnancy, childbirth, and the puerperium-----630-639,650-678	675	-
71	Congenital anomalies-----740-759	16,824	11,259
72	Certain causes of mortality in early infancy-----760-768,769,4-772,774-778	43,205	43,177
73	Birth injury, difficult labor, and other anoxic and hypoxic conditions-----764-768,772,776	22,801	22,796
74	Other causes of mortality in early infancy-----Remainder of 760-778	20,404	20,391
75	Symptoms and ill-defined conditions-----780-796	25,781	3,516
76	All other diseases-----Residual	101,128	2,431
77	Accidents-----E800-E849	114,638	2,294
78	Motor vehicle accidents-----E810-E823	54,633	343
79	All other accidents-----E900-E907, E825-E849	60,005	1,951
80	Suicide-----E950-E959	23,480	...
81	Homicide-----E960-E978	16,846	150
82	Other external causes-----E980-E999	5,427	126

MONTHLY VITAL STATISTICS REPORT

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CAUSES, BY AGE: UNITED STATES, 1970

the United States. Excludes fetal deaths]

1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	Not stated	
11,548	16,847	45,261	39,193	72,617	169,517	309,373	445,531	489,803	246,955	719	1
12	5	5	4	10	5	11	16	9	3	-	2
186	68	35	38	49	109	178	309	431	317	1	3
39	14	48	164	410	804	1,147	1,255	1,002	316	2	4
16	9	28	126	340	636	922	984	820	271	2	5
23	5	20	38	70	169	225	271	182	45	-	6
3	-	-	-	-	-	-	-	-	-	-	7
2	4	4	1	1	2	-	2	6	3	-	8
138	73	94	10	22	25	29	16	17	2	-	9
72	53	68	83	156	272	477	609	641	257	2	10
2	1	1	-	1	-	-	-	-	-	-	11
43	19	4	2	-	-	1	-	-	-	-	12
-	1	4	2	16	32	114	160	105	15	-	13
231	285	390	248	313	460	558	585	443	210	-	14
1,027	2,429	2,931	4,107	13,734	42,370	78,630	93,782	71,543	19,955	58	15
1	14	31	43	277	1,212	2,372	1,829	1,290	441	2	16
27	23	158	487	2,295	9,049	20,640	28,948	25,376	7,670	15	17
8	17	54	261	2,675	10,739	21,605	21,712	10,712	1,715	16	18
-	-	18	501	2,429	6,371	7,655	6,642	4,757	1,539	7	19
10	48	317	630	1,767	4,524	7,705	11,625	11,189	3,394	5	20
61	72	39	87	329	1,322	3,247	4,631	4,353	1,542	3	21
395	867	987	922	2,234	5,397	9,046	9,620	7,151	2,191	9	22
486	1,118	726	473	713	1,331	2,239	3,273	3,120	945	-	23
49	270	601	733	1,017	2,427	4,117	5,151	3,625	719	1	24
56	165	178	151	378	760	1,002	1,041	726	296	1	25
22	103	240	559	1,231	2,968	6,815	11,459	11,432	3,478	6	26
27	24	24	27	60	119	255	424	726	620	-	27
107	120	181	130	144	221	367	677	924	496	1	28
254	116	87	46	68	158	175	145	80	23	-	29
380	663	1,743	4,330	20,045	67,536	149,045	255,461	324,919	182,947	247	30
237	344	1,054	2,936	15,402	55,365	121,253	193,772	225,415	119,250	179	31
17	86	258	441	1,099	2,547	3,930	5,852	2,109	568	-	32
-	3	9	52	271	728	1,329	2,093	2,597	1,560	5	33
-	7	4	27	85	271	594	1,330	2,472	1,592	1	34
3	27	210	1,562	12,212	47,949	108,840	177,725	208,437	109,532	150	35
7	15	148	1,079	8,725	33,939	73,250	105,905	97,648	36,457	80	36
-	2	6	33	182	536	909	1,034	1,022	720	2	37
4	10	55	449	3,301	13,463	34,660	70,718	109,705	72,529	68	38
-	1	2	1	4	11	41	67	64	26	-	39
24	35	96	127	247	514	876	1,318	1,905	1,528	1	40
189	497	827	1,488	3,356	5,684	7,479	7,904	7,904	4,450	22	41
-	8	26	148	465	757	1,029	1,719	2,611	1,510	-	42
131	272	553	1,131	3,612	9,664	21,529	47,763	76,745	45,543	50	43
41	96	189	315	1,261	3,462	6,622	10,822	12,650	6,037	9	44
8	10	26	49	233	1,059	4,345	13,439	23,918	14,743	10	45
1	1	3	5	11	49	112	234	305	161	1	46
61	163	336	762	2,107	5,094	10,450	23,468	39,871	24,602	30	47
1	2	7	7	58	294	1,266	4,638	13,299	10,488	10	48
11	37	109	209	508	1,456	3,968	7,569	8,045	3,365	8	49
141	37	22	26	51	70	118	154	134	85	1	50
1,043	651	866	958	1,951	4,014	6,723	11,211	16,694	12,307	18	51
42	29	50	63	111	284	533	844	941	725	-	52
1,001	622	816	893	1,840	3,730	6,190	10,567	15,753	11,582	18	53
118	129	189	201	613	2,260	6,725	10,769	7,902	1,851	7	54
73	36	42	31	103	425	1,175	1,793	1,573	480	-	55
3	9	16	42	276	1,445	5,055	8,543	6,033	1,275	6	56
42	84	130	128	234	390	495	433	296	76	1	57
10	8	49	119	327	929	1,792	2,239	2,172	901	1	58
21	75	54	43	62	127	244	328	305	121	1	59
44	39	72	103	178	425	998	1,579	2,093	1,100	2	60
22	62	150	1,100	4,522	8,699	9,168	5,246	1,893	305	7	61
-	2	19	39	77	200	457	1,024	1,455	699	-	62
38	122	266	361	632	1,072	1,581	1,974	1,892	882	3	63
25	40	55	45	77	147	262	305	285	96	-	64
13	82	231	316	555	925	1,319	1,689	1,607	786	3	65
7	29	63	88	220	550	1,123	1,937	2,645	1,504	3	66
-	-	-	-	1	9	109	498	946	605	3	67
-	5	303	304	190	1	-	-	-	-	-	68
-	2	57	47	22	-	-	-	-	-	-	69
-	3	246	257	168	1	-	-	-	-	-	70
1,331	901	739	414	417	591	523	355	202	72	20	71
10	3	1	-	-	-	-	-	-	-	-	72
5	2	-	-	-	-	-	-	-	-	-	73
5	1	-	-	-	-	-	-	-	-	-	74
293	185	747	869	1,508	2,773	4,286	4,702	4,103	2,670	124	75
1,136	1,607	2,977	3,320	6,232	11,538	18,059	23,294	21,906	8,599	39	76
4,300	8,203	24,336	12,842	11,137	12,415	11,749	10,644	10,692	5,932	94	77
1,572	4,159	16,720	7,686	5,760	5,913	5,186	4,094	2,663	516	31	78
2,728	4,044	7,616	5,156	5,377	6,502	6,563	6,560	8,029	5,416	63	79
...	132	3,128	3,516	3,897	4,638	3,984	2,585	1,299	287	14	80
258	360	4,157	4,140	3,163	2,345	1,321	619	245	64	26	81
175	156	1,087	848	820	844	639	434	211	60	27	82

MONTHLY VITAL STATISTICS REPORT

Table 2. DEATH RATES FOR 69 SELECTED

[Refers only to resident deaths occurring within the United States. Excludes

Cause of death (Eighth Revision, International Classification of Diseases, Adapted, 1965)		Total	Under 1 year
1	All causes-----	945.3	2,142.4
2	Bacillary dysentery and amebiasis-----004, 006	0.0	0.3
3	Enteritis and other diarrheal diseases-----008, 009	1.3	24.4
4	Tuberculosis, all forms-----010-019	2.6	0.5
5	Tuberculosis of respiratory system-----010-012	2.0	0.2
6	Tuberculosis, other forms-----013-019	0.5	0.2
7	Whooping cough-----033	0.0	0.2
8	Streptococcal sore throat and scarlet fever-----034	0.0	0.1
9	Meningococcal infections-----036	0.3	3.6
10	Septicemia-----038	1.7	24.8
11	Acute poliomyelitis-----040-043	0.0	0.1
12	Measles-----055	0.0	0.6
13	Syphilis and its sequelae-----090-097	0.2	0.3
14	Other infective and parasitic diseases-----Remainder of 000-136	2.0	10.7
15	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	162.8	4.7
16	Malignant neoplasms of buccal cavity and pharynx-----140-149	3.7	-
17	Malignant neoplasms of digestive organs and peritoneum-----150-159	46.6	0.4
18	Malignant neoplasms of respiratory system-----160-163	34.2	0.1
19	Malignant neoplasm of breast-----174	14.7	0.0
20	Malignant neoplasms of genital organs-----180-187	20.3	0.0
21	Malignant neoplasms of urinary organs-----188, 189	7.6	0.2
22	Malignant neoplasms of all other and unspecified sites-----170-173, 190-199	19.2	1.7
23	Leukemia-----204-207	7.1	2.0
24	Other neoplasms of lymphatic and hematopoietic tissues-----200-203, 208, 209	9.2	0.2
25	Benign neoplasms and neoplasms of unspecified nature-----210-239	2.4	2.1
26	Diabetes mellitus-----250	18.9	0.3
27	Avitaminoses and other nutritional deficiencies-----260-269	1.2	4.7
28	Anemias-----280-285	1.7	1.7
29	Meningitis-----320	0.8	16.8
30	Major cardiovascular diseases-----390-446	496.0	19.2
31	Diseases of heart-----390-398, 402, 404, 410-429	362.0	13.1
32	Active rheumatic fever and chronic rheumatic heart disease-----390-396	7.3	0.1
33	Hypertensive heart disease-----402	4.1	0.0
34	Hypertensive heart and renal disease-----404	3.2	0.0
35	Ischemic heart disease-----410-413	328.1	0.4
36	Acute myocardial infarction-----410	175.8	0.3
37	Other acute and subacute forms of ischemic heart disease-----411	2.1	-
38	Chronic ischemic heart disease-----412	150.1	0.1
39	Angina pectoris-----413	0.1	-
40	Chronic disease of endocardium and other myocardial insufficiency-----424, 428	3.3	0.9
41	All other forms of heart disease-----420-423, 425-427, 429	15.9	11.6
42	Hypertension-----400, 401, 403	4.1	-
43	Cerebrovascular diseases-----430-438	101.9	5.0
44	Cerebral hemorrhage-----431	20.4	2.1
45	Cerebral thrombosis-----433	28.5	0.1
46	Cerebral embolism-----434	0.4	-
47	All other cerebrovascular diseases-----430, 432, 435-438	52.7	2.7
48	Arteriosclerosis-----440	15.6	0.1
49	Other diseases of arteries, arterioles, and capillaries-----441-448	12.5	1.1
50	Acute bronchitis and bronchiolitis-----466	0.6	13.5
51	Influenza and pneumonia-----470-474, 480-486	30.9	180.8
52	Influenza-----470-474	1.6	2.4
53	Pneumonia-----480-486	29.0	178.5
54	Bronchitis, emphysema, and asthma-----490-493	15.2	4.2
55	Chronic and unqualified bronchitis-----490, 491	2.9	3.3
56	Emphysema-----492	11.2	0.5
57	Asthma-----493	1.1	0.4
58	Peptic ulcer-----531-533	4.2	1.7
59	Appendicitis-----540-543	0.7	0.5
60	Hernia and intestinal obstruction-----550-553, 560	3.6	18.0
61	Cirrhosis of liver-----571	15.5	0.7
62	Cholelithiasis, cholecystitis and cholangitis-----574, 575	2.0	0.0
63	Nephritis and nephrosis-----580-584	4.4	1.0
64	Acute nephritis and nephrotic syndrome-----580, 581	0.7	0.5
65	Chronic and unqualified nephritis and renal sclerosis-----582-584	3.7	0.5
66	Infections of kidney-----590	4.0	0.6
67	Hyperplasia of prostate-----600	1.1	-
68	Complications of pregnancy, childbirth, and the puerperium-----630-678	0.4	-
69	Abortions-----640-645	0.1	-
70	Other complications of pregnancy, childbirth, and the puerperium-----630-639, 650-678	0.3	-
71	Congenital anomalies-----740-759	8.3	323.0
72	Certain causes of mortality in early infancy-----760-769, 779, 784-778	21.3	1,239.8
73	Birth injury, difficult labor, and other anoxic and hypoxic conditions-----764-768, 772, 776	11.2	653.8
74	Other causes of mortality in early infancy-----Remainder of 760-778	10.0	585.1
75	Symptoms and ill-defined conditions-----780-796	12.7	100.9
76	All other diseases-----Residual	49.8	69.8
77	Accidents-----E800-E949	56.4	65.8
78	Motor vehicle accidents-----E810-E823	26.9	9.8
79	All other accidents-----E800-E807, E825-E949	29.5	56.0
80	Suicide-----E950-E959	11.6	...
81	Homicide-----E960-E978	8.3	4.3
82	Other external causes-----E980-E999	2.7	3.6

MONTHLY VITAL STATISTICS REPORT

CAUSES, BY AGE: UNITED STATES, 1970

fetal deaths. Rates per 100,000 enumerated population in specified group

1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over	
84.5	41.3	127.7	157.4	314.5	730.0	1,658.8	3,592.7	8,004.4	16,544.9	1
0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	2
1.4	0.2	0.1	0.2	0.2	0.5	1.0	2.5	7.0	21.0	3
0.3	0.0	0.1	0.7	1.8	3.5	6.2	10.1	16.4	20.9	4
0.1	0.0	0.1	0.5	1.5	2.7	5.0	7.9	13.4	17.9	5
0.2	0.0	0.1	0.2	0.3	0.7	1.2	2.2	3.0	3.0	6
0.0	-	-	-	-	-	-	-	-	-	7
0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.1	0.2	8
1.0	0.2	0.3	0.0	0.1	0.1	0.2	0.1	0.3	0.1	9
0.5	0.1	0.2	0.3	0.6	1.2	2.6	4.9	10.5	17.0	10
0.0	0.0	0.0	-	0.0	-	-	-	-	-	11
0.3	0.0	0.0	0.0	-	-	0.0	-	-	-	12
-	0.0	0.0	0.0	0.1	0.1	0.6	1.3	1.7	1.0	13
1.7	0.7	1.1	1.0	1.4	2.0	3.0	4.7	7.2	13.9	14
7.5	6.0	8.3	16.5	59.5	192.5	423.0	754.2	1,169.2	1,320.7	15
0.0	0.0	0.1	0.2	1.2	5.2	12.8	15.5	21.1	29.2	16
0.2	0.1	0.4	2.0	9.9	39.0	111.0	232.8	414.7	507.6	17
0.1	0.0	0.2	1.0	11.6	46.2	116.2	174.6	175.1	113.5	18
-	-	0.1	2.0	10.5	27.4	41.2	53.4	77.7	101.8	19
0.1	0.1	0.9	2.5	7.7	19.5	41.5	93.5	182.4	224.6	20
0.4	0.2	0.1	0.2	1.4	5.7	17.5	37.6	71.1	88.8	21
2.8	2.1	2.8	3.7	9.7	23.2	48.7	79.0	116.9	145.0	22
3.6	2.7	2.0	1.9	3.1	5.7	12.0	26.3	51.0	62.5	23
0.4	0.7	1.7	2.9	4.4	10.5	22.1	41.4	59.2	47.6	24
0.4	0.4	0.5	0.6	1.6	3.3	5.4	8.4	11.9	19.6	25
0.2	0.3	0.7	2.2	5.3	12.8	36.7	92.1	186.8	230.2	26
0.2	0.1	0.1	0.1	0.3	0.5	1.4	3.4	11.9	41.0	27
0.8	0.3	0.5	0.5	0.6	1.0	2.0	5.4	15.1	32.8	28
1.9	0.3	0.2	0.2	0.3	0.6	0.9	1.2	1.3	1.7	29
2.8	1.6	4.9	17.4	66.8	290.9	601.8	2,054.3	5,309.9	12,108.5	30
1.7	0.8	3.0	11.4	66.7	238.4	652.3	1,558.2	3,683.8	7,991.3	31
0.1	0.2	0.7	1.6	4.8	11.0	21.1	31.0	34.5	37.6	32
-	0.0	0.0	0.2	1.2	3.1	7.1	16.6	42.3	90.0	33
-	0.0	0.0	0.1	0.4	1.2	3.2	10.7	40.4	118.6	34
0.1	0.1	0.6	6.3	52.9	206.5	585.5	1,429.2	3,406.3	7,249.4	35
0.0	0.4	4.3	37.8	37.8	146.2	393.9	851.6	1,595.8	2,412.9	36
-	0.0	0.0	0.1	0.8	2.3	4.9	8.3	16.7	34.4	37
0.0	0.0	0.2	1.8	14.3	58.0	186.4	569.7	1,792.8	4,800.4	38
-	-	0.0	0.0	0.0	0.0	0.2	0.5	1.0	1.7	39
0.2	0.1	0.3	0.5	1.1	2.2	4.7	10.6	31.1	101.1	40
1.4	0.5	1.4	2.5	6.4	14.5	30.6	60.1	129.2	294.5	41
-	0.0	0.1	0.6	2.0	3.3	5.5	13.8	42.7	99.9	42
1.0	0.7	1.6	4.5	15.6	41.6	115.8	384.1	1,254.2	3,014.3	43
0.3	0.2	0.5	1.3	5.5	14.9	35.6	85.4	206.7	399.6	44
0.1	0.0	0.1	0.2	1.0	4.6	23.4	108.1	390.9	975.8	45
0.0	0.0	0.0	0.0	0.0	0.2	0.6	1.9	5.0	10.7	46
0.6	0.4	0.9	3.1	9.1	21.9	56.2	188.7	651.6	1,628.3	47
0.0	0.0	0.0	0.0	0.3	1.3	6.8	37.3	197.8	880.2	48
0.1	0.1	0.3	0.8	2.2	6.3	21.3	60.9	131.5	222.7	49
1.0	0.1	0.1	0.1	0.2	0.3	0.6	1.2	2.2	5.6	50
7.6	1.6	2.4	3.8	8.5	17.3	36.2	90.2	272.8	814.5	51
0.3	0.1	0.1	0.3	0.5	1.2	2.9	6.8	15.4	48.0	52
7.3	1.5	2.3	3.6	8.0	16.1	33.3	83.4	257.4	766.6	53
0.9	0.3	0.5	0.8	2.7	9.7	36.2	86.6	129.1	121.2	54
0.5	0.1	0.1	0.1	0.4	1.8	6.3	14.4	25.7	31.8	55
0.0	0.0	0.0	0.2	1.2	6.2	27.2	68.7	98.6	84.4	56
0.3	0.2	0.4	0.5	1.0	1.7	2.7	3.5	4.8	5.0	57
0.1	0.0	0.1	0.5	1.4	4.0	9.6	18.0	35.5	59.6	58
0.2	0.2	0.2	0.2	0.3	0.5	1.3	2.6	5.0	8.0	59
0.3	0.1	0.2	0.4	0.8	1.8	5.2	12.7	34.3	72.8	60
0.2	0.2	0.4	4.4	18.6	38.3	49.3	42.2	30.9	20.3	61
-	0.0	0.1	0.2	0.3	0.9	2.5	8.2	23.8	46.3	62
0.3	0.3	0.8	1.4	2.7	4.6	8.5	15.9	30.9	58.4	63
0.2	0.1	0.2	0.2	0.3	0.6	1.4	2.5	4.7	6.4	64
0.1	0.2	0.7	1.3	2.4	4.0	7.1	13.4	26.3	52.0	65
0.1	0.1	0.2	0.4	1.0	2.4	6.0	15.6	43.2	99.5	66
-	-	-	-	0.0	0.0	0.6	4.0	15.5	40.0	67
-	0.0	0.3	1.2	0.8	0.0	-	-	-	-	68
-	0.0	0.2	0.2	0.1	0.1	-	-	-	-	69
-	0.0	0.7	1.0	0.7	0.0	-	-	-	-	70
9.7	2.2	2.1	1.7	1.8	2.5	2.8	2.9	3.3	4.8	71
0.1	0.0	0.0	-	-	-	-	-	-	-	72
0.0	0.0	-	-	-	-	-	-	-	-	73
0.0	0.0	0.0	-	-	-	-	-	-	-	74
2.1	0.5	2.1	3.5	6.5	11.9	23.1	37.8	67.1	176.7	75
8.3	3.9	8.4	13.3	27.0	49.7	97.1	187.3	358.0	563.5	76
31.5	20.1	68.7	51.6	48.2	53.5	63.2	85.6	174.7	392.6	77
11.5	10.2	47.2	30.9	24.9	25.5	27.9	32.8	43.5	34.2	78
20.0	9.9	21.5	20.7	23.3	28.0	35.3	52.8	131.2	358.5	79
...	0.3	8.8	14.1	16.9	20.0	21.4	20.8	21.2	19.0	80
1.9	0.9	11.7	16.6	13.7	10.1	7.1	5.0	4.0	4.2	81
1.3	0.4	3.1	3.4	3.6	3.6	3.4	3.5	3.4	4.0	82

MONTHLY VITAL STATISTICS REPORT

Table 3. DEATHS AND DEATH RATES FOR 69 SELECTED

[Refers only to resident deaths occurring within the United States. Excludes

Cause of death (Eighth Revision, International Classification of Diseases, Adapted, 1968)	Total					
	Both sexes		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
1 All causes-----	1,921,031	945.3	1,078,478	1,090.3	842,553	807.8
2 Bacillary dysentery and amebiasis-----004-006	89	0.0	46	0.0	43	0.0
3 Enteritis and other diarrheal diseases-----008,009	2,567	1.3	1,255	1.3	1,312	1.3
4 Tuberculosis, all forms-----010-019	5,217	2.6	3,714	3.8	1,503	1.4
5 Tuberculosis of respiratory system-----010-012	4,162	2.0	3,063	3.1	1,099	1.1
6 Tuberculosis, other forms-----013-019	1,055	0.5	651	0.7	404	0.4
7 Whooping cough-----033	12	0.0	4	0.0	8	0.0
8 Streptococcal sore throat and scarlet fever-----034	29	0.0	13	0.0	16	0.0
9 Meningococcal infections-----036	550	0.3	315	0.3	235	0.2
10 Septicemia-----038	3,535	1.7	1,944	2.0	1,591	1.5
11 Acute poliomyelitis-----040-043	7	0.0	3	0.0	4	0.0
12 Measles-----055	89	0.0	44	0.0	45	0.0
13 Syphilis and its sequelae-----090-097	461	0.2	289	0.3	172	0.2
14 Other infective and parasitic diseases-----Remainder of 100-136	4,095	2.0	2,137	2.2	1,958	1.9
15 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	330,730	162.8	180,157	182.1	150,573	144.4
16 Malignant neoplasms of buccal cavity and pharynx-----140-149	7,612	3.7	5,496	5.6	2,116	2.0
17 Malignant neoplasms of digestive organs and peritoneum-----150-159	94,705	46.6	50,555	51.1	44,148	42.3
18 Malignant neoplasms of respiratory system-----160-163	69,517	34.2	56,344	57.0	13,173	12.6
19 Malignant neoplasm of breast-----174	29,917	14.7	265	0.3	29,652	28.4
20 Malignant neoplasms of genital organs-----180-187	41,190	20.3	18,286	18.5	22,904	22.0
21 Malignant neoplasms of urinary organs-----188,189	15,514	7.6	10,335	10.4	5,179	5.0
22 Malignant neoplasms of all other and unspecified sites-----170-173,190-199	39,068	19.2	20,364	20.6	18,684	17.9
23 Leukemia-----204-207	14,492	7.1	8,128	8.2	6,364	6.1
24 Other neoplasms of lymphatic and hematopoietic tissues-----200-203,208,209	18,717	9.2	10,364	10.5	8,353	8.0
25 Benign neoplasms and neoplasms of unspecified nature-----210-239	4,828	2.4	2,307	2.3	2,521	2.4
26 Diabetes mellitus-----250	38,324	18.9	15,715	15.9	22,609	21.7
27 Avitaminoses and other nutritional deficiencies-----260-269	2,470	1.2	1,160	1.2	1,310	1.3
28 Anemias-----280-285	3,427	1.7	1,631	1.6	1,796	1.7
29 Meningitis-----320	1,701	0.8	975	1.0	726	0.7
30 Major cardiovascular diseases-----390-448	1,007,984	496.0	545,037	551.0	462,947	443.9
31 Diseases of heart-----390-398,402,404,410-429	735,542	362.0	417,918	422.5	317,624	304.5
32 Active rheumatic fever and chronic rheumatic heart disease-----390-398	14,889	7.3	6,887	7.0	8,002	7.7
33 Hypertensive heart disease-----402	8,413	4.1	3,419	3.5	4,994	4.8
34 Hypertensive heart and renal disease-----404	6,578	3.2	2,995	3.0	3,583	3.4
35 Ischemic heart disease-----410-413	666,665	328.1	382,947	387.2	283,718	272.0
36 Acute myocardial infarction-----410	357,241	175.8	226,060	228.6	131,161	125.8
37 Other acute and subacute forms of ischemic heart disease-----411	4,246	2.1	2,693	2.7	1,553	1.5
38 Chronic ischemic heart disease-----412	304,962	150.1	154,062	155.7	150,910	144.7
39 Angina pectoris-----413	216	0.1	122	0.1	94	0.1
40 Chronic disease of endocardium and other myocardial insufficiency-----424,428	6,705	3.3	3,327	3.4	3,378	3.2
41 All other forms of heart disease-----420-423,425-427,429	32,292	15.9	18,343	18.5	13,949	13.4
42 Hypertension-----400,401,403	8,273	4.1	4,297	4.3	3,976	3.8
43 Cerebrovascular diseases-----430-438	207,166	101.9	93,456	94.5	113,710	109.0
44 Cerebral hemorrhage-----431	41,379	20.4	19,532	19.7	21,847	20.9
45 Cerebral thrombosis-----433	57,845	28.5	25,689	26.0	32,156	30.8
46 Cerebral embolism-----434	884	0.4	409	0.4	475	0.5
47 All other cerebrovascular diseases-----430,432,435-438	107,058	52.7	47,826	48.4	59,232	56.8
48 Arteriosclerosis-----440	31,682	15.6	13,767	13.9	17,915	17.2
49 Other diseases of arteries, arterioles, and capillaries-----441-448	25,321	12.5	15,599	15.8	9,722	9.3
50 Acute bronchitis and bronchiolitis-----466	1,310	0.6	740	0.7	570	0.5
51 Influenza and pneumonia-----470-474,480-486	62,739	30.9	35,148	35.5	27,591	26.5
52 Influenza-----470-474	3,707	1.8	1,887	1.9	1,820	1.7
53 Pneumonia-----480-486	59,032	29.0	33,261	33.6	25,771	24.7
54 Bronchitis, emphysema, and asthma-----490-493	30,889	15.2	24,177	24.4	6,712	6.4
55 Chronic and unqualified bronchitis-----5,646	2,9	0.0	4,282	4.3	1,564	1.5
56 Emphysema-----492	22,721	11.2	18,901	19.1	3,820	3.7
57 Asthma-----493	2,322	1.1	994	1.0	1,328	1.3
58 Peptic ulcer-----531-533	8,607	4.2	5,689	5.8	2,918	2.8
59 Appendicitis-----540-543	1,397	0.7	866	0.9	531	0.5
60 Hernia and intestinal obstruction-----550-553,560	7,235	3.6	3,330	3.4	3,905	3.7
61 Cirrhosis of liver-----571	31,399	15.5	20,382	20.6	11,017	10.6
62 Cholelithiasis, cholecystitis and cholangitis-----574,575	3,973	2.0	1,714	1.7	2,259	2.2
63 Nephritis and nephrosis-----580-584	8,877	4.4	4,857	4.9	4,020	3.9
64 Acute nephritis and nephrotic syndrome-----580,581	1,354	0.7	768	0.8	586	0.6
65 Chronic and unqualified nephritis and renal sclerosis-----582-584	7,523	3.7	4,089	4.1	3,434	3.3
66 Infections of kidney-----590	8,190	4.0	3,626	3.7	4,564	4.4
67 Hyperplasia of prostate-----600	2,168	1.1	2,168	2.2	...	...
68 Complications of pregnancy, childbirth, and the puerperium-----630-678	803	0.4	...	...	803	0.8
69 Abortions-----640-645	128	0.1	...	...	128	0.1
70 Other complications of pregnancy, childbirth, and the puerperium-----630-639,850-678	675	0.3	...	...	675	0.6
71 Congenital anomalies-----740-759	16,824	8.3	8,907	9.0	7,917	7.6
72 Certain causes of mortality in early infancy-----760-768,769,772,774-778	43,205	21.3	25,237	25.5	17,968	17.2
73 Birth injury, difficult labor, and other anoxic and hypoxic conditions-----764-768,772,776	22,801	11.2	13,623	13.8	9,178	8.8
74 Other causes of mortality in early infancy-----Remainder of 760-778	20,404	10.0	11,614	11.7	8,790	8.4
75 Symptoms and ill-defined conditions-----780-796	25,781	12.7	15,291	15.5	10,490	10.1
76 All other diseases-----Residual	101,128	49.8	56,123	56.7	45,005	43.1
77 Accidents-----E800-E949	114,638	56.4	79,756	80.6	34,882	33.4
78 Motor vehicle accidents-----E810-E923	54,633	26.9	39,274	39.7	15,359	14.7
79 All other accidents-----E800-E807, E825-E949	60,005	29.5	40,482	40.9	19,523	18.7
80 Suicide-----E950-E959	23,480	11.6	16,629	16.8	6,851	6.6
81 Homicide-----E960-E978	16,848	8.3	13,278	13.4	3,570	3.4
82 Other external causes-----E980-E999	5,427	2.7	3,814	3.9	1,613	1.5

MONTHLY VITAL STATISTICS REPORT

CAUSES, BY COLOR AND SEX: UNITED STATES, 1970

Infant deaths. Rates per 100,000 enumerated population in specified group

White						All other						
Both sexes		Male		Female		Both sexes		Male		Female		
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
1,682,096	946.3	942,437	1,086.7	739,659	812.6	239,935	939.4	136,041	1,115.9	102,894	775.3	1
69	0.0	33	0.0	36	0.0	20	0.1	15	0.1	7	0.1	2
1,919	1.1	897	1.0	1,032	1.1	648	2.5	363	3.0	280	2.1	3
3,685	2.1	2,666	3.1	1,029	1.1	1,522	6.0	1,049	8.6	474	3.6	4
2,921	1.6	2,186	2.5	735	0.8	1,241	4.9	877	7.2	364	2.7	5
774	0.4	480	0.6	294	0.3	281	1.1	171	1.4	110	0.8	6
8	0.0	3	0.0	5	0.0	4	0.0	1	0.0	3	0.0	7
24	0.0	10	0.0	14	0.0	5	0.0	3	0.0	2	0.0	8
429	0.2	241	0.3	188	0.2	121	0.5	74	0.6	47	0.4	9
2,732	1.5	1,510	1.7	1,222	1.3	803	3.2	434	3.6	369	2.8	10
7	0.0	3	0.0	4	0.0	-	-	-	-	-	-	11
64	0.0	32	0.0	32	0.0	25	0.1	12	0.1	13	0.1	12
271	0.2	167	0.2	104	0.1	190	0.7	122	1.0	69	0.5	13
3,213	1.8	1,700	2.0	1,513	1.7	890	3.5	437	3.6	443	3.3	14
296,502	166.8	160,525	185.1	135,977	149.4	34,228	134.4	19,632	161.0	14,596	110.0	15
6,744	3.8	4,833	5.6	1,891	2.1	868	3.4	643	5.3	225	1.7	16
84,569	47.6	44,618	51.5	39,950	43.9	10,135	39.8	5,937	49.7	4,199	31.6	17
62,461	35.1	50,543	58.3	11,918	13.1	7,056	27.7	5,801	47.6	1,255	9.5	18
27,449	15.4	232	0.3	27,217	29.9	2,469	9.7	33	0.3	2,435	18.3	19
35,473	20.0	15,613	18.0	19,860	21.8	5,717	22.5	2,673	21.9	3,044	22.9	20
14,296	8.0	9,562	11.0	4,734	5.2	1,218	4.8	773	6.3	445	3.4	21
35,051	19.7	18,254	21.0	16,797	18.5	4,017	15.8	2,130	17.5	1,887	14.2	22
13,332	7.5	7,463	8.6	5,869	6.4	1,180	4.6	665	5.5	495	3.7	23
17,128	9.6	9,387	10.8	7,741	8.5	1,589	6.2	977	8.0	612	4.6	24
4,180	2.4	2,030	2.3	2,150	2.4	648	2.5	277	2.3	371	2.8	25
32,486	18.3	13,577	15.7	18,909	20.8	5,838	22.9	2,138	17.5	3,700	27.9	26
2,061	1.2	936	1.1	1,125	1.2	409	1.6	224	1.8	185	1.4	27
2,653	1.5	1,264	1.5	1,389	1.5	774	3.0	367	3.0	407	3.1	28
1,201	0.7	703	0.8	488	0.5	500	2.0	272	2.2	228	1.7	29
905,664	509.5	491,542	566.8	414,122	454.9	102,320	401.8	53,485	438.8	48,825	367.9	30
665,731	374.5	380,096	438.5	285,635	313.8	69,811	274.2	37,622	310.2	31,989	241.0	31
13,522	7.6	6,217	7.2	7,305	8.0	1,367	5.7	670	5.5	697	5.3	32
6,390	3.6	2,500	2.9	3,890	4.3	2,023	7.9	919	7.5	1,104	8.3	33
5,545	3.1	2,475	2.9	3,070	3.4	1,033	4.1	520	4.3	513	3.9	34
608,243	342.2	351,115	404.9	257,128	282.5	59,422	229.4	31,832	261.1	26,590	200.4	35
331,724	186.6	211,259	243.6	120,465	132.3	25,517	100.2	14,621	121.6	10,696	80.6	36
3,665	2.1	2,356	2.7	1,309	1.4	581	2.3	337	2.8	244	1.8	37
272,660	153.4	137,393	158.4	135,267	149.6	32,302	126.9	16,659	136.6	15,645	117.9	38
194	0.1	107	0.1	87	0.1	22	0.1	15	0.1	7	0.1	39
5,804	3.3	2,860	3.3	2,944	3.2	901	3.5	467	3.8	434	3.3	40
26,227	14.8	14,929	17.2	11,298	12.4	6,055	23.8	3,414	28.0	2,651	20.0	41
6,330	3.6	3,287	3.8	3,053	3.4	1,943	7.6	1,030	8.4	913	6.9	42
181,039	101.9	81,098	93.5	99,970	109.8	26,128	102.6	12,398	101.6	13,740	103.5	43
35,094	19.7	16,416	18.9	18,678	20.5	6,285	24.7	3,116	25.6	3,169	23.9	44
51,966	29.2	22,905	26.4	29,061	31.9	5,879	23.1	2,784	22.3	3,095	23.3	45
625	0.5	381	0.4	444	0.5	59	0.2	28	0.2	31	0.2	46
93,153	52.4	41,366	47.7	51,787	56.9	13,905	54.6	6,460	53.0	7,445	56.1	47
29,424	16.6	12,698	14.6	16,738	18.4	2,258	8.9	1,081	8.9	1,177	8.9	48
23,141	13.0	14,425	16.6	8,716	9.6	2,180	8.6	1,174	9.6	1,006	7.6	49
935	0.5	532	0.6	403	0.4	375	1.5	209	1.7	167	1.3	50
52,787	29.7	29,151	33.7	23,596	25.9	9,952	39.1	5,957	49.9	3,995	30.1	51
3,214	1.8	1,628	1.9	1,586	1.7	493	1.9	259	2.1	234	1.8	52
49,573	27.9	27,563	31.8	22,010	24.2	9,459	37.1	5,698	46.7	3,761	28.3	53
28,751	16.2	22,650	26.1	6,101	6.7	2,139	8.4	1,527	12.5	611	4.6	54
5,455	3.1	3,897	4.6	1,458	1.6	391	1.5	285	2.3	106	0.8	55
21,559	12.1	17,919	20.7	3,640	4.0	1,162	4.6	982	8.1	180	1.4	56
1,737	1.0	734	0.8	1,003	1.1	585	2.3	260	2.1	325	2.4	57
7,811	4.4	5,132	5.9	2,679	2.9	796	3.1	557	4.6	239	1.8	58
1,187	0.7	734	0.8	433	0.5	230	0.9	132	1.1	98	0.7	59
6,342	3.6	2,861	3.3	3,481	3.8	893	3.5	469	3.8	424	3.2	60
26,464	14.9	17,389	20.1	9,075	10.0	4,935	18.4	2,993	24.6	1,942	14.6	61
3,734	2.1	1,625	1.9	2,109	2.3	239	0.9	89	0.7	150	1.1	62
6,553	3.7	3,828	4.2	2,825	3.2	2,324	9.1	1,229	10.1	1,095	8.3	63
1,071	0.6	617	0.7	454	0.5	283	1.1	151	1.2	132	1.0	64
5,482	3.1	3,011	3.5	2,471	2.7	2,041	8.0	1,078	8.8	963	7.3	65
6,741	3.8	2,949	3.4	3,792	4.2	1,449	5.7	677	5.6	772	5.8	66
1,897	1.1	1,897	2.2	...	...	271	1.1	271	2.2	...	...	67
445	0.3	...	...	445	0.5	358	1.4	...	...	359	2.7	68
57	0.0	...	...	57	0.1	71	0.3	...	...	71	0.5	69
399	0.2	...	...	399	0.4	287	1.1	...	...	287	2.2	70
14,324	8.1	7,577	8.7	6,747	7.4	2,500	9.8	1,330	10.9	1,170	8.8	71
32,210	18.1	18,969	21.9	13,241	14.5	10,995	43.2	6,263	51.4	4,727	35.6	72
17,374	9.8	10,498	12.1	6,876	7.6	5,427	21.3	3,125	25.6	2,302	17.3	73
14,836	8.3	8,471	9.8	6,365	7.0	5,569	21.9	3,143	25.8	2,425	18.3	74
17,528	9.9	10,665	12.3	6,863	7.5	8,253	32.4	4,626	37.9	3,627	27.3	75
86,333	48.6	47,723	55.0	38,610	42.4	14,785	58.1	8,400	68.9	6,585	48.2	76
97,130	54.6	66,956	77.2	30,174	33.1	17,508	68.8	12,800	105.0	4,708	35.5	77
47,399	26.7	33,871	39.1	13,517	14.8	7,245	28.5	5,403	44.3	1,842	13.9	78
49,742	28.0	33,085	38.2	16,657	18.3	10,263	40.3	7,397	60.7	2,866	21.6	79
22,059	12.4	15,591	18.0	6,469	7.1	1,421	5.6	1,039	8.5	583	2.9	80
7,803	4.4	5,865	6.8	1,938	2.1	9,045	35.5	7,413	60.8	1,632	12.3	81
3,904	2.2	2,674	3.1	1,230	1.4	1,523	6.0	1,140	9.4	383	2.9	82

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Table 4. DEATHS AND DEATH RATES FOR THE 10 LEADING CAUSES OF DEATH, BY COLOR AND SEX: UNITED STATES, 1970
 [Refers only to resident deaths occurring within the United States. Excludes fetal deaths. Rates per 100,000 enumerated population in specified group]

Rank order	Cause of death, color, and sex (Eighth Revision, International Classification of Diseases, Adapted, 1965)	Number	Rate
	Total, both sexes--all causes-----	1,921,051	945.3
1	Diseases of heart-----390-398,402,404-410-429	735,542	382.0
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	350,750	162.8
3	Cerebrovascular diseases-----430-438	207,166	101.9
4	Accidents-----E800-E849	114,658	56.4
...	Motor vehicle accidents-----E810-E823	54,633	26.9
...	All other accidents-----E800-E807, E825-E849	60,005	29.5
5	Influenza and pneumonia-----470-474,480-486	62,739	30.9
6	Certain causes of mortality in early infancy-----760-769,2,769,4-772,774-778	43,205	21.3
7	Diabetes mellitus-----250	38,324	18.9
8	Arteriosclerosis-----440	31,682	15.6
9	Cirrhosis of liver-----571	31,399	15.5
10	Bronchitis, emphysema, and asthma-----490-493	30,889	15.2
...	All other causes-----Residual	294,717	145.0
	White, male--all causes-----	942,437	1,086.7
1	Diseases of heart-----390-398,402,404-410-429	590,096	459.3
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	160,525	185.1
3	Cerebrovascular diseases-----430-438	81,069	93.5
4	Accidents-----E800-E849	66,956	77.2
...	Motor vehicle accidents-----E810-E823	33,871	39.1
...	All other accidents-----E800-E807, E825-E849	33,085	38.2
5	Influenza and pneumonia-----470-474,480-486	29,191	33.7
6	Bronchitis, emphysema, and asthma-----490-493	22,650	26.1
7	Certain causes of mortality in early infancy-----760-769,2,769,4-772,774-778	18,969	21.9
8	Cirrhosis of liver-----571	17,389	20.1
9	Suicide-----E850-E859	15,591	18.0
10	Diabetes mellitus-----250	13,577	15.7
...	All other causes-----Residual	136,425	157.3
	White, female--all causes-----	739,659	812.6
1	Diseases of heart-----390-398,402,404-410-429	285,635	313.8
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	135,977	149.4
3	Cerebrovascular diseases-----430-438	99,970	109.8
4	Accidents-----E800-E849	50,174	53.1
...	Motor vehicle accidents-----E810-E823	13,517	14.8
...	All other accidents-----E800-E807, E825-E849	16,657	18.3
5	Influenza and pneumonia-----470-474,480-486	23,596	25.9
6	Diabetes mellitus-----250	18,908	20.8
7	Arteriosclerosis-----440	16,758	18.4
8	Certain causes of mortality in early infancy-----760-769,2,769,4-772,774-778	13,241	14.5
9	Cirrhosis of liver-----571	9,075	10.0
10	Congenital anomalies-----740-759	6,747	7.4
...	All other causes-----Residual	99,597	108.4
	All other, male--all causes-----	136,041	1,115.9
1	Diseases of heart-----390-398,402,404-410-429	37,822	310.2
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	19,632	161.0
3	Accidents-----E800-E849	12,800	105.0
...	Motor vehicle accidents-----E810-E823	5,403	44.3
...	All other accidents-----E800-E807, E825-E849	7,397	60.7
4	Cerebrovascular diseases-----430-438	12,388	101.6
5	Homicide-----E860-E878	7,413	60.8
6	Certain causes of mortality in early infancy-----760-769,2,769,4-772,774-778	6,269	51.4
7	Influenza and pneumonia-----470-474,480-486	5,957	48.9
8	Cirrhosis of liver-----571	2,993	24.6
9	Diabetes mellitus-----250	2,139	17.5
10	Bronchitis, emphysema, and asthma-----490-493	1,527	12.5
...	All other causes-----Residual	27,105	222.3
	All other, female--all causes-----	102,894	775.3
1	Diseases of heart-----390-398,402,404-410-429	31,989	241.0
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	14,596	110.0
3	Cerebrovascular diseases-----430-438	13,740	103.5
4	Certain causes of mortality in early infancy-----760-769,2,769,4-772,774-778	4,727	35.6
5	Accidents-----E800-E849	4,708	35.5
...	Motor vehicle accidents-----E810-E823	1,842	13.9
...	All other accidents-----E800-E807, E825-E849	2,866	21.6
6	Influenza and pneumonia-----470-474,480-489	3,995	30.1
7	Diabetes mellitus-----250	3,700	27.9
8	Cirrhosis of liver-----571	1,942	14.6
9	Homicide-----E860-E878	1,632	12.3
10	Arteriosclerosis-----440	1,177	8.9
...	All other causes-----Residual	20,686	155.9

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Table 5. DEATHS AND DEATH RATES FOR MAJOR CAUSES OF DEATH FOR THE UNITED STATES, EACH REGION, DIVISION, AND STATE; BY COLOR AND SEX FOR THE UNITED STATES: 1970

[By place of residence. Refers only to resident deaths occurring within the United States. Excludes fetal deaths. Rates per 100,000 enumerated population in each color-sex group and area. Numbers after causes of death are category numbers of the Eighth Revision, International Classification of Diseases, Adapted, 1965]

Color, sex, and area	Diseases of heart (390-398,402,404, 410-429)		Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-209)		Cerebrovascular diseases (430-438)		All accidents (E800-E949)		Motor vehicle accidents (E810-E823)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
United States-----	735,542	362.0	330,730	162.8	207,166	101.9	114,638	56.4	54,633	26.9
Male----	417,918	422.5	180,157	182.1	95,456	94.5	79,756	80.6	39,274	39.7
Female--	317,624	304.5	150,573	144.4	111,710	109.0	34,882	33.4	15,359	14.7
White-----	669,731	374.5	296,502	166.8	181,038	101.9	97,130	54.6	47,388	26.7
Male----	380,096	439.3	160,525	185.1	81,068	93.5	66,956	77.2	33,871	39.1
Female--	288,635	315.8	135,977	149.4	99,970	109.8	30,174	33.1	13,517	14.8
All other-----	69,811	274.2	34,229	134.4	26,128	102.6	17,508	68.8	7,245	28.5
Male----	37,822	310.2	19,632	161.0	12,388	101.6	12,800	105.0	5,403	44.3
Female--	31,989	241.0	14,596	110.0	13,740	103.5	4,708	35.5	1,842	13.9
Regions:										
Northeast-----	205,714	419.8	91,857	187.5	47,140	96.2	20,801	42.5	9,110	18.6
North Central-----	213,965	378.2	95,629	165.5	60,187	106.4	30,660	54.2	14,912	26.4
South-----	213,517	340.0	95,517	151.8	69,121	110.1	41,476	66.0	20,340	32.4
West-----	102,346	294.0	49,927	143.4	30,718	88.2	21,701	62.3	10,271	29.5
NORTHEAST										
New England-----	46,390	391.8	21,576	182.2	11,695	99.8	5,287	44.6	2,119	17.9
Maine-----	4,552	458.8	1,964	198.0	1,114	112.3	563	56.8	258	24.0
New Hampshire-----	2,719	369.6	1,331	180.4	796	106.6	399	54.1	199	27.0
Vermont-----	1,725	388.2	783	176.2	421	94.7	220	49.5	94	21.2
Massachusetts-----	23,170	407.3	10,526	185.0	5,703	100.2	2,632	46.3	979	17.2
Rhode Island-----	4,084	431.4	1,900	200.7	894	93.4	349	36.8	150	13.7
Connecticut-----	10,140	334.5	5,072	167.3	2,787	91.9	1,125	37.1	479	15.8
Middle Atlantic-----	159,324	428.3	70,281	186.9	35,445	95.3	15,514	41.7	6,991	18.8
New York-----	77,443	424.6	35,219	193.1	16,497	90.5	6,993	38.3	3,268	17.9
New Jersey-----	29,368	409.7	13,151	183.5	6,318	88.1	2,994	41.8	1,315	18.3
Pennsylvania-----	52,513	445.3	21,911	185.8	12,630	107.1	5,527	46.9	2,408	20.4
NORTH CENTRAL										
East North Central-----	151,232	375.7	65,789	163.5	40,231	99.9	20,601	51.2	9,969	24.8
Ohio-----	39,418	370.1	17,667	165.9	10,921	102.5	5,513	51.8	2,609	24.5
Indiana-----	18,353	353.4	8,356	160.9	6,147	118.4	2,929	56.4	1,553	29.9
Illinois-----	47,853	428.8	18,985	170.8	10,965	98.7	5,380	48.4	2,430	21.9
Michigan-----	29,237	329.4	13,459	151.6	7,595	85.6	4,447	50.1	2,284	25.7
Wisconsin-----	16,371	375.1	7,332	166.0	4,603	104.2	2,332	52.8	1,093	24.7
West North Central-----	62,733	384.4	27,830	170.5	19,956	122.3	10,059	61.6	4,943	30.3
Minnesota-----	12,824	337.0	6,064	159.4	4,339	114.0	2,123	55.8	1,035	27.2
Iowa-----	11,655	412.7	5,070	179.5	3,636	128.7	1,727	61.1	927	32.8
Missouri-----	19,288	412.5	8,523	182.4	6,123	130.9	3,001	64.2	1,430	30.6
North Dakota-----	2,186	355.5	913	147.8	631	102.1	388	62.8	182	29.5
South Dakota-----	2,598	390.5	1,092	164.1	735	110.4	476	71.5	246	37.0
Nebraska-----	5,779	369.6	2,545	171.6	1,883	126.9	971	65.5	447	30.1
Kansas-----	8,391	373.5	3,617	161.0	2,609	116.1	1,373	61.1	676	30.1
SOUTH										
South Atlantic-----	105,439	343.8	47,200	153.9	32,258	105.2	19,654	64.1	9,471	30.9
Delaware-----	2,066	375.1	857	156.4	573	89.1	310	56.6	158	28.8
Maryland-----	12,811	326.6	6,083	155.1	2,596	66.2	1,880	47.9	814	20.8
District of Columbia-----	2,909	394.5	1,513	200.0	681	90.0	524	69.3	171	22.6
Virginia-----	14,489	311.7	6,311	135.8	4,133	88.9	2,639	56.8	1,210	28.0
West Virginia-----	7,996	458.4	3,162	181.3	2,117	121.4	1,241	71.1	537	30.8
North Carolina-----	15,990	314.6	6,536	128.6	5,378	105.8	3,365	66.2	1,722	33.9
South Carolina-----	8,045	310.6	3,131	120.9	2,853	110.1	1,892	73.0	982	37.9
Georgia-----	14,150	308.3	5,929	129.2	5,644	123.0	3,384	73.7	1,768	38.5
Florida-----	26,983	397.6	13,678	201.5	8,485	124.9	4,419	65.1	2,109	31.1
East South Central-----	48,098	360.0	19,356	151.2	16,699	130.4	9,211	71.9	4,708	36.8
Kentucky-----	12,952	402.4	5,275	165.9	3,961	123.1	2,206	68.5	1,046	32.5
Tennessee-----	14,212	362.2	5,953	151.7	5,089	129.7	2,618	66.7	1,405	35.8
Alabama-----	11,284	327.6	4,844	140.6	4,647	134.9	2,577	74.8	1,337	38.8
Mississippi-----	7,650	345.1	3,284	148.1	3,002	135.4	1,810	81.6	920	41.5
West South Central-----	61,980	320.8	28,761	148.9	20,164	104.4	12,611	65.3	6,161	31.9
Arkansas-----	7,587	334.5	3,255	169.2	2,842	147.8	1,334	69.4	599	31.1
Louisiana-----	12,487	342.9	5,417	148.8	3,583	96.4	2,479	68.1	1,174	32.2
Oklahoma-----	9,990	386.0	4,467	174.5	3,311	129.4	1,736	67.8	791	30.9
Texas-----	31,976	285.6	15,622	159.5	10,428	93.1	7,062	63.1	3,597	32.1
WEST										
Mountain-----	21,765	282.8	10,143	122.5	6,332	76.5	6,005	72.5	3,135	37.9
Montana-----	2,246	323.4	1,047	150.8	692	99.7	563	81.1	296	42.6
Idaho-----	2,219	311.4	942	132.2	607	85.2	591	82.9	313	43.9
Wyoming-----	978	294.2	418	125.7	296	89.0	333	100.2	170	51.1
Colorado-----	6,005	272.0	2,654	119.3	1,782	80.7	1,286	58.3	649	29.4
New Mexico-----	2,040	200.8	1,063	104.6	649	63.9	906	89.1	477	46.9
Arizona-----	4,759	268.7	2,381	134.5	1,318	74.4	1,345	76.0	709	40.0
Utah-----	2,257	213.1	1,020	96.3	661	62.4	617	58.2	323	30.5
Nevada-----	1,263	258.4	638	130.5	327	66.9	365	74.7	198	40.5
Pacific-----	80,581	303.8	39,784	150.9	24,366	91.9	15,696	59.2	7,136	26.9
Washington-----	11,160	327.4	5,212	152.0	3,419	100.3	2,046	60.0	921	27.0
Oregon-----	7,153	342.0	3,418	163.4	2,405	115.0	1,388	66.4	728	34.8
California-----	60,725	304.3	30,239	153.5	18,083	90.7	11,632	58.3	5,246	26.3
Alaska-----	262	87.2	177	58.9	85	28.3	354	117.8	105	35.0
Hawaii-----	1,281	166.7	739	96.2	394	50.0	276	35.9	136	17.7

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Table 6. DEATHS UNDER 1 YEAR, BY COLOR, AND INFANT MORTALITY RATES FOR 65 SELECTED CAUSES: UNITED STATES, 1970
 [Refers only to resident deaths occurring within the United States. Excludes fetal deaths]

Cause of death (Eighth Revision, International Classification of Diseases, Adapted, 1965)	Number			Rate ¹
	Total	White	All other	
All causes-----	74,667	54,876	19,791	2,001.1
Diarrheal diseases-----006	762	387	375	20.4
Whooping cough-----033	8	6	2	0.2
Meningococcal infections-----036	124	101	23	3.3
Tetanus-----037	6	3	3	0.2
Septicemia-----038	865	597	268	23.2
Viral diseases-----040-079	272	192	80	7.3
Congenital syphilis-----060	12	4	8	0.3
Other infective and parasitic diseases-----Remainder of 000-136	233	145	88	6.2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	164	142	22	4.4
Benign neoplasms and neoplasms of unspecified nature-----210-239	74	62	12	2.0
Diseases of thymus gland-----254	47	39	8	1.3
Cystic fibrosis-----273.0	117	108	9	3.1
Diseases of the blood and blood-forming organs-----280-289	143	89	54	3.6
Meningitis-----320	587	377	210	15.7
Other diseases of nervous system and sense organs-----321-389	560	452	108	15.0
Acute upper respiratory infections-----460-465	211	132	79	5.7
Bronchitis and bronchiolitis-----466,490,491	586	299	287	15.7
Influenza and pneumonia-----470-474,490-496	6,305	3,971	2,332	166.9
Influenza-----470-474	85	48	35	2.2
Pneumonia-----480-486	6,220	3,923	2,297	166.7
Other chronic interstitial pneumonia-----517	22	16	6	0.6
All other diseases of respiratory system-----492,493,500-516,518,519	671	483	188	18.0
Hernia and intestinal obstruction-----550-553,560	627	514	113	16.8
Gastritis, duodenitis, enteritis, and colitis of noninfectious origin-----555,561,563	41	29	12	1.1
Other diseases of digestive system-----520-534,536,537,540-543,562,564-577	421	290	131	11.3
Congenital anomalies-----740-759	11,259	9,552	1,707	301.7
Anencephalus-----740	1,003	933	70	26.9
Spina bifida-----741	673	607	66	18.0
Congenital hydrocephalus-----742	562	477	85	15.1
Other congenital anomalies of central nervous system and eye-----743,744	431	368	62	11.6
Congenital anomalies of heart-----746	4,442	3,716	726	119.0
Other congenital anomalies of circulatory system-----747	740	613	127	19.9
Congenital anomalies of respiratory system-----748	441	364	77	11.8
Congenital anomalies of digestive system-----749-751	711	580	131	19.1
Congenital anomalies of genitourinary system-----752,753	373	324	49	10.0
Congenital anomalies of musculoskeletal system-----754-756	373	338	35	10.0
Down's disease-----759.3	134	114	20	3.6
Other congenital syndromes affecting multiple systems-----759.0-759.2,759.4-759.9	1,121	904	217	30.0
Other and unspecified congenital anomalies-----745,757,758	255	213	42	6.8
Certain causes of mortality in early infancy-----760-769.2,769.4-772,774-778	43,177	32,193	10,984	1,157.1
Chronic circulatory and genitourinary diseases in mother-----760	11	7	4	0.3
Other maternal conditions unrelated to pregnancy-----761	460	382	78	12.3
Syphilis-----761.0	6	-	6	0.2
Diabetes mellitus-----761.1	266	236	30	7.1
Rubella-----761.3	16	14	2	0.4
All other maternal conditions unrelated to pregnancy-----761.2,761.4-761.7,761.9	172	132	40	4.6
Toxemia of pregnancy-----762	197	135	62	5.3
Maternal antepartum and intrapartum infection-----763	278	193	85	7.5
Difficult labor-----764-768	673	527	146	18.0
With mention of birth injury (.0-3)-----	245	192	53	6.6
Without mention of birth injury (.4,.9)-----	428	335	93	11.5
All other complications of pregnancy and childbirth-----769.0-769.2,769.4,769.5,769.9	4,914	3,873	1,241	131.7
Conditions of placenta-----770	2,281	1,875	406	61.1
Conditions of umbilical cord-----771	455	355	100	12.2
Birth injury without mention of cause-----772	2,150	1,579	571	57.6
Hemolytic disease of newborn-----774,775	830	748	82	22.2
Hyaline membrane disease-----776.1	5,304	4,409	896	142.1
Respiratory distress syndrome-----776.2	4,459	3,427	1,032	119.5
Asphyxia of newborn, unspecified-----776.9	9,438	6,899	2,539	252.9
All other anoxic and hypoxic conditions not elsewhere classifiable-----776.0,776.3,776.4	782	527	255	20.4
Immaturity, unqualified-----777	8,752	5,964	2,788	234.6
Postmaturity-----778.1	3	1	2	0.1
Hemorrhagic disease of newborn-----778.2	492	355	137	13.2
All other conditions of newborn-----778.0,778.3,778.9	1,718	1,138	580	46.0
Symptoms and ill-defined conditions-----780-796	3,516	2,090	1,426	94.2
Accidents-----E800-E949	2,294	1,586	708	61.5
Inhalation and ingestion of food or other object causing obstruction or suffocation-----E911,E912	705	474	231	18.9
Accidental mechanical suffocation-----E913	567	391	176	15.2
Other accidental causes-----E800-E910,E914-E949	1,022	721	301	27.4
Homicide-----E960-E978	150	85	65	4.0
All other causes-----Residual	1,415	932	483	37.9

¹Per 100,000 live births.

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Table 7. MATERNAL DEATHS AND MATERNAL MORTALITY RATES FOR SELECTED CAUSES, BY AGE AND COLOR: UNITED STATES, 1970

[Maternal deaths are those assigned to Complications of pregnancy, childbirth, and the puerperium, category numbers 630-678 of the Eighth Revision, International Classification of Diseases, Adapted, 1965. Rates per 100,000 live births in specified group]

Cause of death	Number of deaths			Mortality rate		
	Total	White	All other	Total	White	All other
Complications of pregnancy, childbirth, and the puerperium-----630-678	803	445	358	21.5	14.4	55.9
Ectopic pregnancy-----631	63	28	35	1.7	0.9	5.5
Toxemias of pregnancy and the puerperium, except abortion with toxemia-----636-639	142	68	74	3.8	2.2	11.6
Hemorrhage of pregnancy and childbirth-----632, 651-653	86	56	30	2.3	1.8	4.7
Abortions-----640-645	128	57	71	3.4	1.8	11.1
Abortions induced for legal indications-----640, 641	10	7	3	0.3	0.2	0.5
Abortions induced for other reasons-----642	58	25	33	1.8	0.8	5.2
Spontaneous abortion-----643	9	5	4	0.2	0.2	0.6
Other and unspecified abortions-----644, 645	51	20	31	1.4	0.6	4.8
Sepsis of childbirth and the puerperium-----670, 671, 673	144	90	54	3.9	2.9	8.4
All other complications of pregnancy, childbirth, and the puerperium-----630, 633-635, 654-662, 672, 674-678	239	146	93	6.4	4.7	14.5
Delivery without mention of complications-----650	1	-	1	0.0	-	0.2

Table 8. AGE-ADJUSTED DEATH RATES FOR SPECIFIED CAUSES, BY COLOR AND SEX: UNITED STATES, 1970

[Refers only to resident deaths occurring within the United States. Excludes fetal deaths. Based on age-specific death rates per 100,000 enumerated population in specified group. Computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940]

Cause of death (Eighth Revision, International Classification of Diseases, Adapted, 1965)	Total			White			All other		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All causes-----	714.3	931.6	532.5	679.6	893.4	501.7	983.4	1,231.4	770.8
Major cardiovascular diseases-----390-448	340.1	447.7	251.5	350.3	441.9	239.7	421.7	494.4	360.3
Diseases of heart-----390-398, 402, 404, 410-429	255.6	348.5	175.2	249.1	347.6	187.8	289.9	350.6	236.6
Hypertension-----400, 401, 403	2.9	3.6	2.4	2.2	2.8	1.8	8.6	10.1	7.4
Cerebrovascular diseases-----430-438	66.3	73.2	60.8	61.8	68.8	56.2	107.0	113.5	101.4
Arteriosclerosis-----440	8.4	9.5	7.5	8.4	9.8	7.5	8.2	9.1	7.5
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-209	129.9	157.4	108.8	127.8	154.3	107.6	149.3	185.3	117.6
Accidents-----E800-E849	53.7	80.7	28.2	51.0	76.2	27.2	72.8	115.7	35.1
Motor vehicle accidents-----E810-E823	27.4	41.1	14.4	26.9	40.1	14.4	50.9	49.7	14.3
All other accidents-----E800-E807, E825-E849	26.3	39.6	13.8	24.1	36.2	12.8	41.9	66.0	20.7
Influenza and pneumonia-----470-474, 480-486	22.1	28.8	16.7	19.8	26.0	15.0	38.1	50.1	27.9
Cirrhosis of liver-----571	14.7	20.2	9.8	13.4	18.8	8.7	25.8	31.3	17.4
Diabetes mellitus-----250	14.1	13.5	14.4	12.9	12.7	12.8	25.2	20.4	29.3
Suicide-----E950-E969	11.8	17.3	6.8	12.4	18.2	7.2	6.5	10.3	3.3
Bronchitis, emphysema, and asthma-----490-493	11.6	20.4	4.8	11.8	21.0	4.7	9.1	14.1	4.9
Homicide-----E960-E978	9.1	14.9	3.7	4.7	7.3	2.2	41.3	72.8	13.7
Tuberculosis, all forms-----010-019	2.2	3.3	1.2	1.6	2.6	0.8	6.8	10.2	3.9

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available----- ---
 Category not applicable----- ...
 Quantity zero----- -
 Quantity more than 0 but less than 0.05----- 0.0
 Figure does not meet standards of reliability or precision----- *