KANSAS

ANNUAL SUMMARY OF VITAL STATISTICS

2000

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"Remember to see the faces in the numbers."
---Anonymous

ANNUAL SUMMARY OF VITAL STATISTICS KANSAS, 2000

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Prepared by the:
Center for Health & Environmental Statistics
Office of Health Care Information and
Office of Vital Statistics
October, 2001

TABLE OF CONTENTS

	Page Number
Introduction	1
Vital Events	3
Population	9
Pregnancy Outcomes (Live Births, Abortions)	19
Perinatal, Infant and Maternal Deaths	67
Deaths	83
Marriages/Dissolutions (Divorces and Annulments)	120
Technical Notes	137
Definitions	143
Rates and Ratios	146
Symbols and Abbreviations	148
Samples of Vital Statistics Reporting Forms	149
Certificate of Live Birth	149
Report of Induced Termination of Pregnancy	150
Certificate of Fetal Death	152
Certificate of Death	153
Marriage License	154
Certificate of Divorce or Annulment	155

LIST OF TABLES

Table Number		Page Number
1	Selected Vital Event Rates and Ratios, Kansas,1990-2000	6
2	Population by County and by Peer Group, Kansas, 1996-2000	10
3	City Population, Kansas, 1996-2000	12
4	Kansas Population by Age-Group and Sex, 1990-2000	16
5	Live Births by Number and Rate by County of Residence and by Peer Group, Kansas, 1996-2000	22
6	Live Births by Number and Rate by City of Residence, Kansas, 1996-2000	24
7	Birth and Fertility Rates, Kansas and the U.S.,1960-2000	26
8	Age-Specific Fertility Rates by Age-Group of Mother, Kansas, 1990-2000	30
9	Live Births by Age-Group of Mother by Age-Group of Father, Kansas, 2000	31
10	Live Births by Age-Group of Mother by County of Residence, Kansas, 2000	32
11	Live Births by Weeks Gestation by County of Residence, Kansas, 2000	34
12	Live Births by Month Prenatal Care Began by County of Residence, Kansas, 2000	36
13	Adequacy of Prenatal Care Utilization (APNCU) Index by County of Residence, Kansas, 2000	38
14	Live Births by Birth Weight in Grams by County of Residence, Kansas, 2000	40
15	Live Births by Age-Group of Mother by Birth Weight in Grams, Kansas, 2000	42
16	Live Births by Age-Group of Mother by Birth Order, Kansas, 2000	43
17	Live Births by Sex of Infant and Race of Mother by County of Residence, Kansas, 2000	44
18	Out-of-Wedlock Births by Age-Group and Race of Mother by County of Residence, Kansas, 2000	46
19	Teenage Pregnancies by Number and Rate for Mothers Under 20, Kansas, 1990-2000	49
20	Teenage Pregnancies by Age-Group and Component by County of Residence and by Peer Group, Kansas, 2000	50
21	Teenage Pregnancies for 10-17 Year Olds by County of Residence and by Peer Group, Kansas, 2000	52

LIST OF TABLES (cont.)

Table Number		Page Number
22	Reported Abortions and Abortion Ratios, Kansas and the U.S., 1971-2000	56
23	Reported Abortions by Age-Group of Patient by County of Residence, Kansas, 2000	60
24	Total Reported Abortions by Age-Group of Patient by Selected Characteristics, Kansas, 2000	62
25	Reported Abortions by Race and Hispanic Origin of Patient by Marital Status, Kansas, 2000.	64
26	Reported Abortions by Race and Hispanic Origin of Patient by Weeks Gestation, Kansas, 2000.	64
27	Reported Abortions by Termination Procedure by Weeks Gestation, Kansas, 2000	65
28	Fetal Deaths by Age-Group of Mother by County of Residence, Kansas, 2000	68
29	Perinatal Period III Deaths by Component, Kansas, 1970-2000	71
30	Perinatal Period III Deaths by Component by County of Residence, Kansas, 2000	72
31	Infant Death Rates by Race of Mother, Kansas, 1970-2000	74
32	Infant Deaths by County of Residence and by Peer Group, Kansas, 1996-2000	75
33	Infant Deaths by Cause of Death and Age-Group of Infant, Kansas, 2000	77
34	Infant Deaths by Component by County of Residence, Kansas, 2000	79
35	Deaths by Number and Rate by County of Residence and by Peer Group, Kansas, 1996-2000	86
36	Deaths by Number and Rate by City of Residence, Kansas, 1996-2000	88
37	Age-Specific Death Rates by Sex, Kansas, 1991-2000	91
38	Age-Adjusted Death Rates by Sex, Kansas and the U.S., 1991-2000	92
39	Deaths by Age-Group and Average Age at Death by County of Residence, Kansas, 2000	94
40	Deaths by Race and Sex, by Age-Group and Average Age at Death, Kansas, 2000	96

LIST OF TABLES (cont.)

Table Number		Page Number
41	Ten Leading Causes of Death by Sex and Race, Kansas, 2000	97
42	Selected Causes of Death by Age-Group and Average Age at Death, Kansas, 2000	98
43	Ten Leading Causes of Death by Sex, Number, Rate and Average Age at Death, Kansas, 2000	99
44	Death Rates and Age-Adjusted Death Rates for Selected Leading Causes of Death, Kansas, 2000	100
45	Heart Disease Deaths by Age-Group and Sex of Decedent, Kansas, 2000	103
46	Malignant Neoplasm Deaths by Site of Lesion, Age-Group and Sex of Decedent, Kansas, 2000	104
47	Cerebrovascular Disease Deaths by Age-Group and Sex of Decedent, Kansas, 2000	105
48	Unintentional Injury Deaths by Age-Group and Sex of Decedent, Kansas, 2000	106
49	Selected Chronic Disease Deaths by Age-Group and Sex of Decedent, Kansas, 2000	107
50	Occupation of Decedent by Selected Causes of Death, Kansas, 2000	108
51	Type of Industry of Decedent's Occupation by Selected Causes of Death, Kansas, 2000	109
52	Selected Causes of Death and Years of Potential Life Lost (YPLL) Before Life Expectancy, Kansas, 2000	110
53	Selected Causes of Death by County of Residence, Kansas, 2000	112
54	Marriages by Number and Rate by County of Marriage and by Peer Group, Kansas, 1996-2000	122
55	Marriage Dissolutions by Number and Rate by County of Action and by Peer Group, Kansas, 1996-2000	124
56	Marriages by Premarital Status of Bride by Premarital Status of Groom, Kansas, 2000	129
57	Marriages by Age-Group of Bride by Age-Group of Groom, Kansas, 2000	130
58	Marriage Dissolutions by Age-Group of Wife by Age-Group of Husband, Kansas, 2000	132
59	Marriage Dissolutions by Duration of Marriage in Years, Kansas, 2000	134
60	Marriage Dissolutions by Number of Minor Children Reported and Number of Minor Children Affected, Kansas, 2000	135

LIST OF FIGURES

Figure Number		Page Number
1	Every Day During 2000	4
2	Kansas Vital Statistics for 2000	5
3	Selected Vital Event Rates, Kansas, 1990-2000	7
4	Total Population, Kansas, 1990-2000	14
5	Rate of Natural Increase, Kansas, 1960-2000	14
6	Median Age, Kansas, 1990-2000	15
7	Percent Change in Age-Group Population, Both Sexes, Kansas, 1990-2000	15
8	Population Density, Kansas and the U.S., 1960-2000	17
9	Population Density by County of Residence, Kansas, 2000	18
10	Birth Rates, Kansas and the U.S., 1960-2000	27
11	Live Birth Rates by County of Residence, Kansas, 2000	28
12	Fertility Rates, Kansas and the U.S., 1960-2000	29
13	Age-Specific Fertility Rates, Kansas, 1996-2000	30
14	Live Births by Birth Order, Kansas, 2000	43
15	Out-of-Wedlock Birth Ratios, Kansas and the U.S., 1960-2000	48
16	Teenage Pregnancy Rates by Age-Group, Kansas, 1990-2000	49
17	Teen and Non-Teen Live Births: Percent Distribution by Month Prenatal Care Began, Kansas, 2000	54
18	Teenage Live Births by Race of Mother, Kansas, 1990 and 2000	54
19	Abortion Ratios, Kansas and the U.S., 1971-2000	55
20	Abortion Ratios by Age-Group of Patient, Kansas, 1980 and 2000	57
21	Abortions and Births, Kansas, 1985 -2000	58
22	Reported Induced Abortions by Selected Characteristics, Kansas, 2000	59
23	Reported Abortions: Percent Distribution by Weeks Gestation, Kansas, 2000.	65
24	Percentage of Women Who Obtained Early or Late Abortions, by Age-Group, Kansas, 2000.	66
25	Fetal Death Rates by Selected Characteristics, Kansas, 2000	70
26	Perinatal Period III Deaths by Component, Kansas, Selected Years, 1970-2000	73
27	Infant Death Rates by Race of Mother, Kansas, 1970-2000	73
28	Infant Deaths by Component, Kansas, 1970-2000	78

LIST OF FIGURES (cont.)

Figure Number		Page Number
29	Maternal Mortality Rates, Kansas and the U.S., 1970-2000	81
30	Death Rates by County of Residence, Kansas, 2000	85
31	Death Rates, Kansas and the U.S., 1960-2000	90
32	Age-Adjusted Death Rates, Kansas and the U.S., 1991-2000.	92
33	Average Age at Death by County of Residence, Kansas, 2000	93
34	Death Rates for Selected Leading Causes of Death, Kansas, 1960-2000	101
35	Leading Causes of Death by Age-Group, Kansas, 2000	102
36	Percent Years of Potential Life Lost by Selected Causes of Death, Kansas, 2000	111
37	Marriage Rates by County of Occurrence, Kansas, 2000	126
38	Marriage Dissolution Rates by County of Occurrence, Kansas, 2000	127
39	Marriage Rates, Kansas and the U.S., 1950-2000	128
40	Marriage Dissolution Rates, Kansas and the U.S., 1950-2000	128
41	Number of Marriages by Month, Kansas, 2000	129
42	Average Age at Marriage, Kansas, 1990-2000	131
43	Average Age at Marriage Dissolution, Kansas, 1990-2000	133
44	Marriage Dissolutions: Percent Distribution by Number of Minor Children, Kansas, 2000	135

Introduction

The 2000 edition of the Annual Summary of Vital Statistics is a summary of data compiled from vital event records for the 2000 calendar year. The content of this report includes summaries of vital events such as live births, fetal deaths, abortions, deaths, marriages, and marriage dissolutions documented by certificates and reports filed with the Office of Vital Statistics, Center for Health and Environmental Statistics. Please note that in the 2000 edition of the Annual Summary selected county tables contain data summarized by population density peer groups. "Peer Groups" of counties, as used in this summary, are defined as those with similar population density. Counties in the same peer group will not necessarily have similar values for other indicators. The peer groups allow you to see how a county differs from others of the same size on a wide variety of indicators. Also noteworthy, causes of death for 2000 are classified using the International Classification of Disease, 10th Revision (ICD-10). Prior to 1999, Kansas used ICD-9 to report mortality statistics. Kansas is now calculating age-adjusted death rates using the 2000 U.S. standard population. This will eliminate confusion and misunderstanding created by the use of various population standards. For more information on these topics, please see the Technical Notes.

This document provides its users with an overview of the events contributing to the health status of Kansans. The facts contained in this report are essential for effective health policy decisions and program planning. It is designed to provide governmental agencies, businesses, industries, and citizens with information on vital statistics in Kansas.

Comments concerning the format or content of this report are welcomed. The Annual Summary of Vital Statistics is a **summary** of the health data collected by the State of Kansas on vital events. More detailed information is available upon request. The information contained in this report may be obtained electronically by contacting the Kansas Department of Health and Environment, Center for Health and Environmental Statistics, Office of Health Care Information (785-296-5644) or e-mail ksommer@kdhe.state.ks.us. The Annual Summary of Vital Statistics is also available on the Internet at the KDHE home page on the World Wide Web. The address is: http://www.kdhe.state.ks.us/hci/. For copies of this report please call (785-296-8627).

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Vital Events

Registration of Kansas vital events (live births, deaths, fetal deaths, marriages, and marriage dissolutions) decreased 1.6 percent from 96,562 in 1990 to 95,038 in 2000. (Table 1, Figure 2)

Between 1990 and 2000, the most significant changes in vital events were a 35.5 percent increase in the out-of-wedlock birth ratio and a 25.5 percent decrease in the marriage dissolution rate. (Table 1)

The number of out-of-wedlock births to Kansas residents reached a record high in 2000 at 11,491. This represented 29.0 percent of all Kansas resident births, which is the highest proportion ever reported. (Table 1)

The live birth rate in 2000 (14.7) decreased 6.4 percent from the 1990 rate of 15.7. The rate of 14.2 in 1996 was the lowest on record, dating from 1935. The death rate increased 3.4 percent, from 8.9 in 1990 to 9.2 in 2000. (Table 1, Figure 3)

Fetal, hebdomadal, perinatal, neonatal and infant death rates decreased from 1990 to 2000, with percentage decreases of 21.4, 11.9, 16.5, 12.0 and 20.2, respectively. The infant death rate for 2000 (6.7) is the lowest ever recorded for Kansas residents. (Table 1, Figure 3)

In 2000, the number of couples married in Kansas continued to decline. The marriage rate (7.6) decreased 17.4 percent from the 1990 rate of 9.2. The number of marriage dissolutions (divorces and annulments) granted in the state increased for the first time after declining since 1991. (Table 1)

Over half (10,363) of the marriages in 2000 were first marriages for both the bride and groom. (Figure 2)

Every Day During 2000 *

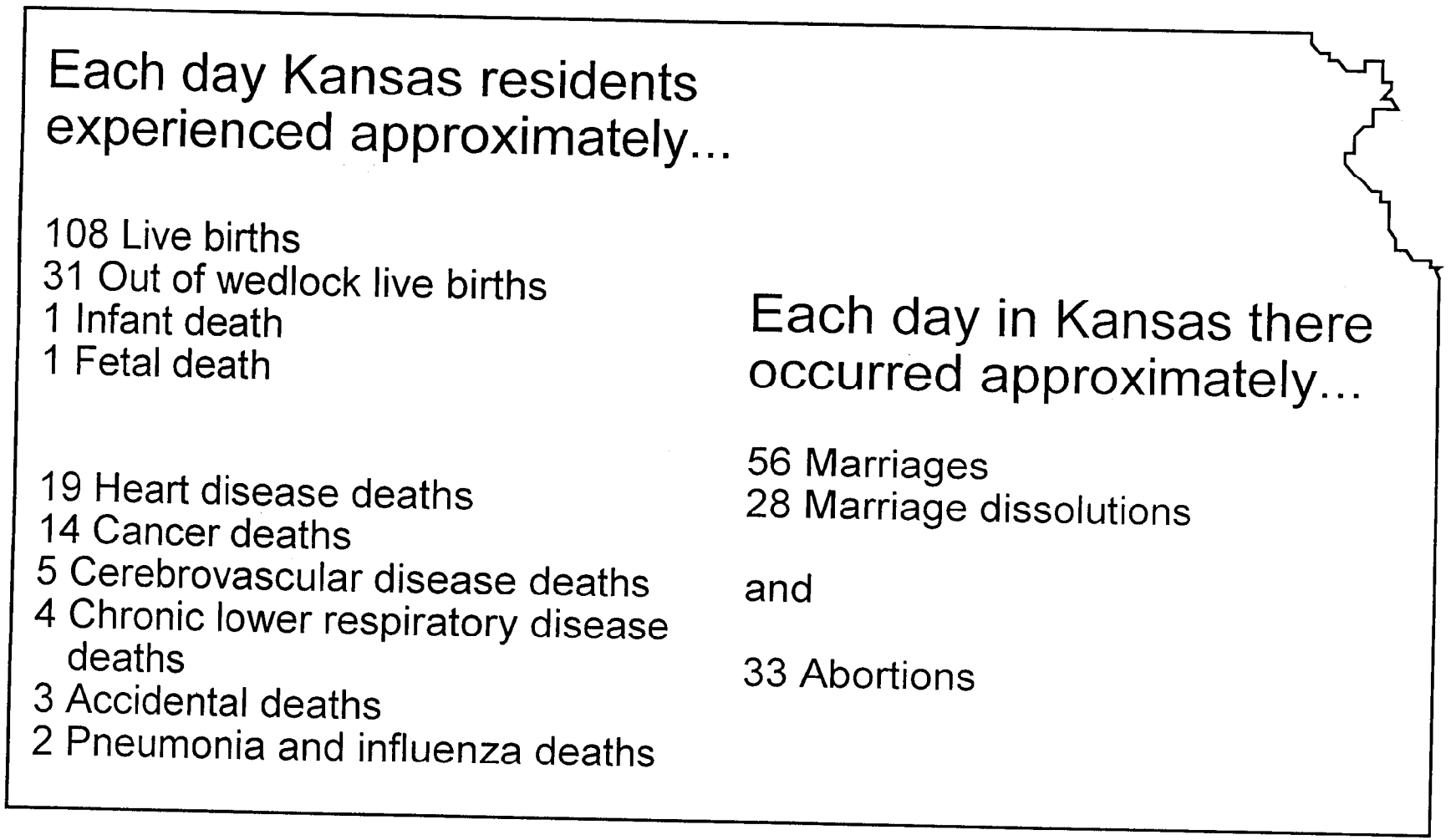
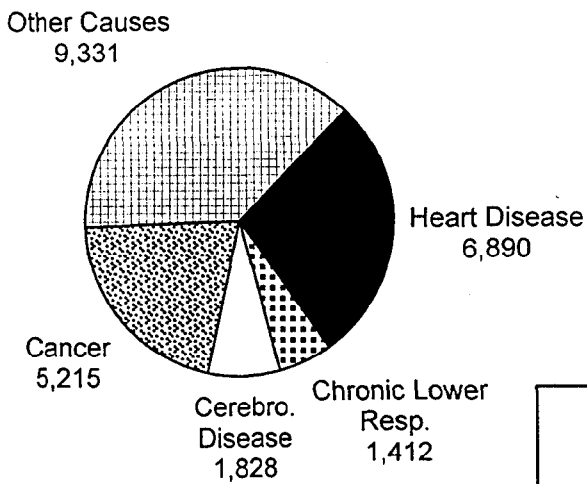


Figure 1

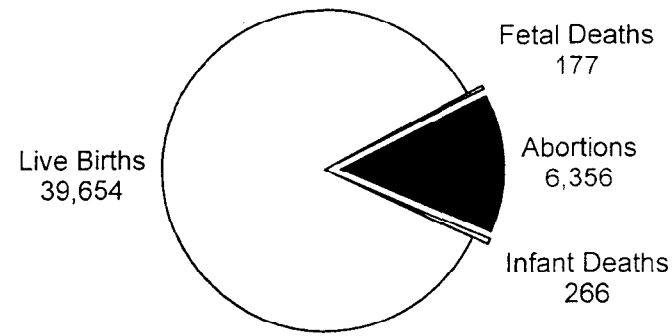
* Based on 366 Days in 2000

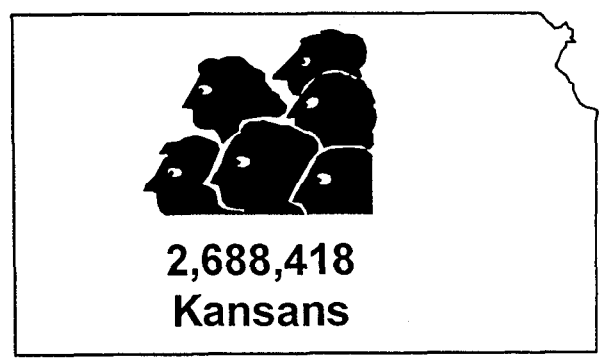
Kansas Vital Statistics for 2000

Deaths *
Total 24,676

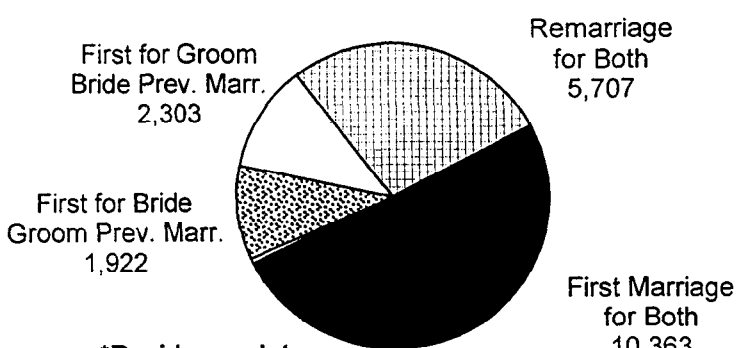


Pregnancy Outcomes *





Marriages** by Marriage Order
Total 20,426
(131 n.s.)



**Residence data
**Occurrence data

Marriage Dissolutions **
By Duration of Marriage
Total 10,105

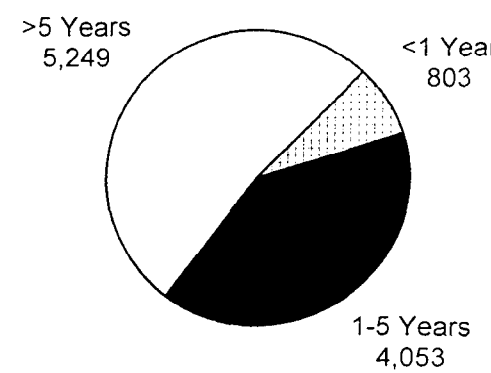


Figure 2

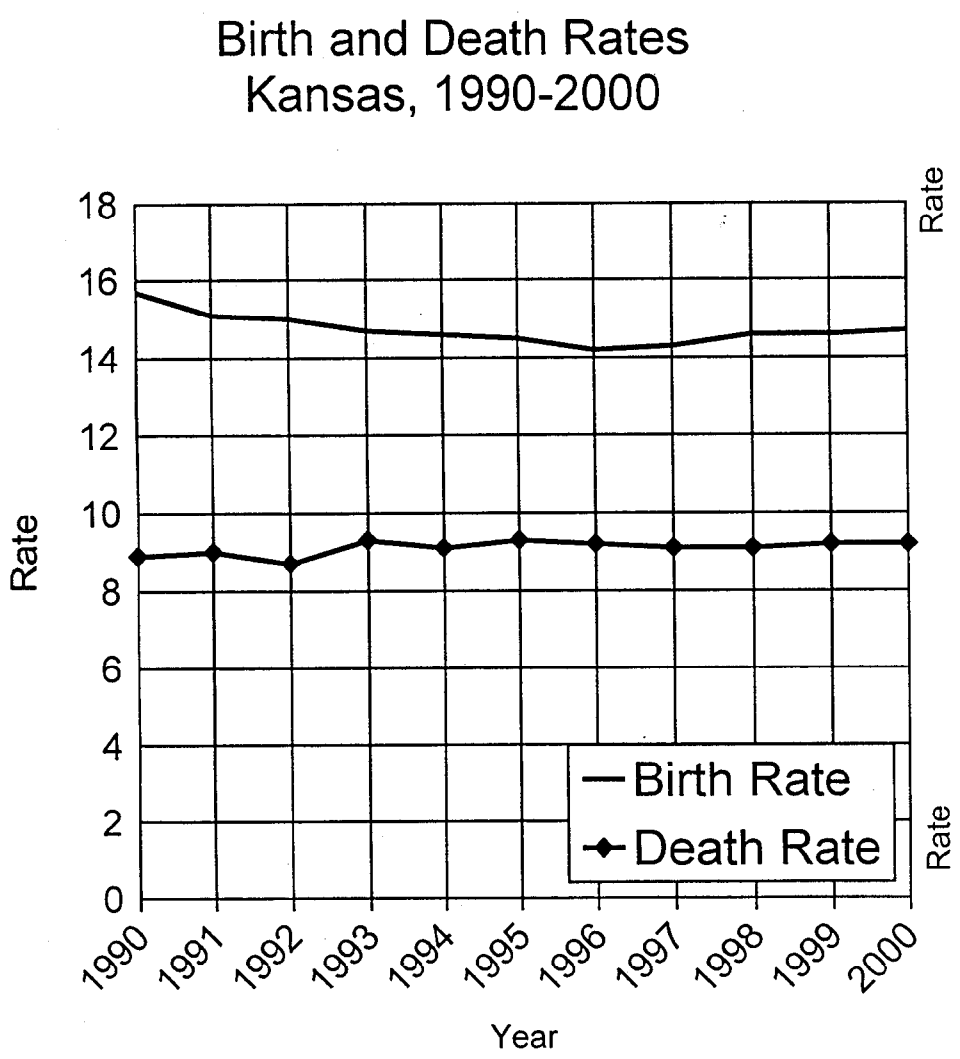
Table 1
Selected Vital Event Rates And Ratios
Kansas, 1990-2000

Vital Event	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Live Births											
Number	38,872	37,630	37,848	37,283	37,269	37,087	36,524	37,191	38,372	38,748	39,654
Rate	15.7	15.1	15.0	14.7	14.6	14.5	14.2	14.3	14.6	14.6	14.7
Out-of-Wedlock Births											
Number	8,337	8,713	9,183	9,599	9,653	9,594	9,798	10,260	10,657	11,068	11,491
Ratio	21.4	23.2	24.3	25.7	25.9	25.9	26.8	27.6	27.8	28.6	29.0
Fetal Deaths											
Number	217	205	216	222	231	183	179	202	199	175	177
Rate	5.6	5.4	5.7	5.9	6.2	4.9	4.9	5.4	5.2	4.5	4.4
Hebdomadal Deaths											
Number	162	158	165	171	140	134	157	147	132	159	146
Rate	4.2	4.2	4.4	4.6	3.8	3.6	4.3	4.0	3.4	4.1	3.7
Perinatal Period III Deaths											
Number	379	363	381	393	371	317	336	349	331	334	323
Rate	9.7	9.6	10.0	10.5	9.9	8.5	9.2	9.3	8.6	8.6	8.1
Neonatal Deaths											
Number	196	191	199	201	177	166	199	173	172	189	174
Rate	5.0	5.1	5.3	5.4	4.7	4.5	5.4	4.7	4.5	4.9	4.4
Infant Deaths											
Number	325	337	332	325	285	256	299	274	263	281	266
Rate	8.4	9.0	8.8	8.7	7.6	6.9	8.2	7.4	6.9	7.3	6.7
Maternal Deaths											
Number	5	1	2	3	2	2	2	5	3	4	4
Rate	1.3	0.3	0.5	0.8	0.5	0.5	0.5	1.3	0.8	1.0	1.0
Deaths											
Number	22,173	22,363	22,052	23,508	23,219	23,807	23,788	23,609	23,928	24,380	24,676
Rate	8.9	9.0	8.7	9.3	9.1	9.3	9.2	9.1	9.1	9.2	9.2
Marriages											
Number	22,720	21,786	21,845	21,527	21,524	21,057	20,657	20,537	20,403	20,905	20,426
Rate	9.2	8.7	8.7	8.5	8.4	8.2	8.0	7.9	7.8	7.9	7.6
Divorces and Annulments											
Number	12,580	12,590	12,365	12,068	11,659	11,029	10,779	10,618	10,363	9,926	10,105
Rate	5.1	5.0	4.9	4.8	4.6	4.3	4.2	4.1	3.9	3.7	3.8

Residence data are presented for births and deaths
Occurrence data are presented for marriages, divorces and annulments

Selected Vital Event Rates

Kansas, 1990-2000



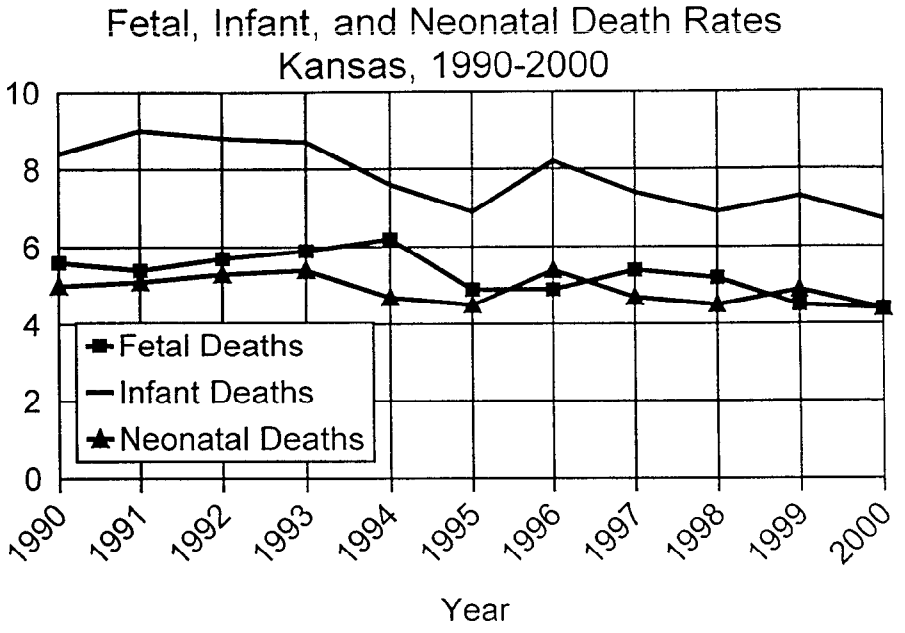


Figure 3

Population

Kansas increased in population from 2,654,052 residents in 1999 to 2,688,418 residents in 2000, a 1.3 percent increase. Hamilton, Finney, and Seward counties had the largest increases in population from 1996 to 2000 with percent changes of 16.3, 14.0, and 12.5 respectively. Greeley, Graham and Rawlins counties had the largest decreases in population with percent changes of 12.5, 9.6, and 8.7 respectively. (Table 2)

According to U.S. Census Bureau counts, there were 2,688,418 Kansans in 2000, a 8.5 percent increase in total population since 1990. (Figure 4)

The rate of natural increase (difference between birth rate and death rate) has generally declined from a rate of 13.9 in 1960. In 2000, the natural increase rate was 5.5, a 1.9 percent increase from 5.4 in 1999. (Figure 5)

The median age of Kansans in 2000 was 35.2 years, a 7.0 percent increase from the 32.9 median age in 1990. The median age for Kansas males and females in 2000 was 33.7 and 36.5 respectively. (Figure 6, Table 4)

The percent increase in the Kansas total population from 1990-2000 was 8.5 percent, including a 9.3 percent increase for Kansas males and a 7.7 percent increase for Kansas females. Shifts in the Kansas population distribution by age from 1990 to 2000 included decreases in the 25-34 and 65-74 age-groups of 15.5 and 4.9 percent respectively. An increase of 16.3 percent in residents 35-44 years of age and 50.6 percent in residents 45-54 years of age reflected the aging of the baby boomers. Furthermore, there were 0.5, 6.7, 13.6, 5.3, and 13.9 percent increases in the 0-4, 5-14, 15-24, 55-64 and 75 and over age-groups respectively. (Figure 7, Table 4)

The population density of Kansas was 32.9 persons per square mile in 2000, a 26.1 percent increase from 26.1 persons per square mile in 1960 and an 8.6 percent increase in population density since 1990. For comparison, the population density of the U.S. has increased from 49.9 to 75.4 persons per square mile from 1960 to 2000 respectively, a 51.1 percent increase. (Figure 8)

In 2000, 31 of Kansas' 105 counties had population densities of less than 6.0 persons per square mile. The most sparsely populated county was Wallace, which had a density of 1.9 persons per square mile. The most densely populated county was Wyandotte, with 1,045.6 persons per square mile. (Figure 9)

Table 2
Population By County And By Peer Group*
Kansas, 1996-2000

County of Residence	Year					Percent Change 1996-2000
	1996	1997	1998	1999	2000	
Kansas	2,572,150	2,594,840	2,629,067	2,654,052	2,688,418	4.5
Allen	14,645	14,442	14,556	14,435	14,385	-1.8
Anderson	8,054	8,021	8,060	8,119	8,110	0.7
Atchison	16,234	16,319	16,908	16,856	16,774	3.3
Barber	5,484	5,412	5,342	5,240	5,307	-3.2
Barton	28,097	27,936	27,641	28,658	28,205	0.4
Bourbon	15,159	15,227	15,260	14,980	15,379	1.5
Brown	10,965	11,037	11,070	10,930	10,724	-2.2
Butler	59,226	60,235	61,932	62,769	59,482	0.4
Chase	2,886	2,893	2,950	2,855	3,030	5.0
Chautauqua	4,379	4,399	4,360	4,273	4,359	-0.5
Cherokee	22,505	22,547	22,552	22,401	22,605	0.4
Cheyenne	3,220	3,208	3,174	3,225	3,165	-1.7
Clark	2,382	2,444	2,361	2,342	2,390	0.3
Clay	9,319	9,226	9,148	8,971	8,822	-5.3
Cloud	10,247	10,190	10,027	10,007	10,268	0.2
Coffey	8,743	8,741	8,696	8,741	8,865	1.4
Comanche	2,072	2,021	2,012	1,954	1,967	-5.1
Cowley	37,055	36,716	36,319	36,948	36,291	-2.1
Crawford	36,337	35,986	36,360	36,347	38,242	5.2
Decatur	3,521	3,527	3,456	3,370	3,472	-1.4
Dickinson	19,856	19,705	19,742	19,645	19,344	-2.6
Doniphan	7,766	7,664	7,856	7,954	8,249	6.2
Douglas	89,899	91,093	93,137	98,343	99,962	11.2
Edwards	3,471	3,426	3,312	3,275	3,449	-0.6
Elk	3,393	3,360	3,351	3,384	3,261	-3.9
Ellis	26,186	26,342	26,309	26,338	27,507	5.0
Ellsworth	6,372	6,284	6,285	6,220	6,525	2.4
Finney	35,545	35,909	36,514	37,409	40,523	14.0
Ford	29,309	29,254	29,382	29,587	32,458	10.7
Franklin	23,565	23,790	24,768	25,136	24,784	5.2
Geary	26,341	25,321	25,370	24,911	27,947	6.1
Gove	3,089	3,085	3,054	3,028	3,068	-0.7
Graham	3,260	3,248	3,204	3,118	2,946	-9.6
Grant	7,697	7,896	8,012	7,885	7,909	2.8
Gray	5,527	5,493	5,595	5,579	5,904	6.8
Greeley	1,754	1,728	1,704	1,648	1,534	-12.5
Greenwood	8,090	8,043	8,139	7,961	7,673	-5.2
Hamilton	2,296	2,284	2,343	2,374	2,670	16.3
Harper	6,524	6,497	6,430	6,305	6,536	0.2
Harvey	31,302	31,594	34,361	34,261	32,869	5.0
Haskell	3,922	4,008	3,976	4,042	4,307	9.8
Hodgeman	2,231	2,229	2,209	2,235	2,085	-6.5
Jackson	11,978	12,036	12,130	12,177	12,657	5.7
Jefferson	17,514	17,930	18,243	18,146	18,426	5.2
Jewell	4,011	3,966	3,867	3,787	3,791	-5.5
Johnson	408,341	417,336	429,563	440,198	451,086	10.5
Kearny	4,216	4,199	4,177	4,137	4,531	7.5
Kingman	8,545	8,512	8,543	8,651	8,673	1.5
Kiowa	3,571	3,440	3,470	3,351	3,278	-8.2
Labette	22,869	22,852	23,030	22,941	22,835	-0.1
Lane	2,211	2,186	2,264	2,174	2,155	-2.5
Leavenworth	69,904	70,176	71,299	71,766	68,691	-1.7
Lincoln	3,388	3,344	3,338	3,338	3,578	5.6
Linn	8,974	9,064	9,158	9,296	9,570	6.6
Logan	3,113	3,045	2,987	2,938	3,046	-2.2

Table 2
Population By County And By Peer Group*
Kansas, 1996-2000

County of Residence	Year					Percent Change 1996-2000
	1996	1997	1998	1999	2000	
Lyon	34,384	34,085	33,920	33,794	35,935	4.5
Marion	12,898	12,914	13,593	13,544	13,361	3.6
Marshall	11,286	11,146	11,006	10,908	10,965	-2.8
McPherson	27,548	27,596	28,630	28,815	29,554	7.3
Meade	4,436	4,396	4,424	4,407	4,631	4.4
Miami	25,933	26,190	26,597	27,083	28,351	9.3
Mitchell	7,096	7,002	6,936	6,957	6,932	-2.3
Montgomery	37,414	37,144	37,089	36,773	36,252	-3.1
Morris	6,340	6,197	6,169	6,173	6,104	-3.7
Morton	3,315	3,374	3,440	3,489	3,496	5.5
Nemaha	10,389	10,254	10,132	10,182	10,717	3.2
Neosho	16,893	16,951	16,760	16,641	16,997	0.6
Ness	3,663	3,638	3,607	3,564	3,454	-5.7
Norton	5,762	5,815	5,752	5,635	5,953	3.3
Osage	16,726	17,082	17,139	17,199	16,712	-0.1
Osborne	4,606	4,508	4,712	4,589	4,452	-3.3
Ottawa	5,815	5,825	5,905	5,889	6,163	6.0
Pawnee	7,470	7,240	7,437	7,207	7,233	-3.2
Phillips	6,194	6,062	6,080	5,958	6,001	-3.1
Pottawatomie	17,908	18,206	18,691	18,942	18,209	1.7
Pratt	9,746	9,705	9,700	9,517	9,647	-1.0
Rawlins	3,249	3,211	3,125	3,016	2,966	-8.7
Reno	62,901	62,920	63,211	63,702	64,790	3.0
Republic	6,253	6,140	6,102	5,975	5,835	-6.7
Rice	10,044	9,991	10,360	10,233	10,761	7.1
Riley	64,716	63,186	63,615	63,708	62,843	-2.9
Rooks	5,849	5,724	5,660	5,626	5,685	-2.8
Rush	3,537	3,430	3,413	3,365	3,551	0.4
Russell	7,658	7,630	7,558	7,459	7,370	-3.8
Saline	51,782	51,620	51,617	51,379	53,597	3.5
Scott	5,029	4,991	5,018	4,941	5,120	1.8
Sedgwick	422,437	438,679	448,050	451,684	452,869	7.2
Seward	20,002	20,154	19,984	20,115	22,510	12.5
Shawnee	164,938	164,932	165,348	170,773	169,871	3.0
Sheridan	2,760	2,747	2,741	2,674	2,813	1.9
Sherman	6,733	6,600	6,511	6,523	6,760	0.4
Smith	4,741	4,659	4,588	4,575	4,536	-4.3
Stafford	5,129	5,101	5,000	4,996	4,789	-6.6
Stanton	2,297	2,330	2,265	2,225	2,406	4.7
Stevens	5,347	5,405	5,371	5,400	5,463	2.2
Sumner	26,901	26,983	27,043	27,173	25,946	-3.6
Thomas	8,326	8,183	8,037	7,965	8,180	-1.8
Trego	3,440	3,331	3,283	3,261	3,319	-3.5
Wabaunsee	6,664	6,704	6,651	6,578	6,885	3.3
Wallace	1,812	1,800	1,802	1,801	1,749	-3.5
Washington	6,738	6,598	6,490	6,473	6,483	-3.8
Wichita	2,725	2,703	2,643	2,578	2,531	-7.1
Wilson	10,353	10,292	10,218	10,339	10,332	-0.2
Woodson	3,980	3,973	3,983	3,911	3,788	-4.8
Wyandotte	153,427	152,627	152,355	151,379	157,882	2.9
Peer Group						
Frontier	100,150	99,172	98,618	97,317	98,627	-1.5
Rural	290,435	288,939	289,298	287,546	291,429	0.3
Densely -Settled Rural	418,718	419,815	422,559	425,183	432,909	3.4
Semi-Urban	523,805	522,247	530,139	531,629	533,783	1.9
Urban	1,239,042	1,264,667	1,288,453	1,312,377	1,331,670	7.5

Source: U.S. Bureau of the Census

* See Technical Notes for Peer Group definition.

Table 3
City Population*
Kansas, 1996-2000

City of Residence	Year					Percent Change 1996-2000
	1996	1997	1998	1999	2000	
Abilene	6,500	6,500	6,500	6,500	6,543	0.7
Andover	4,700	4,800	5,000	5,000	6,698	42.5
Arkansas City	12,800	12,700	12,600	12,800	11,963	-6.5
Atchison	10,200	10,300	10,600	10,600	10,232	0.3
Augusta	9,200	9,400	9,600	9,800	8,423	-8.4
Baldwin City	3,300	3,300	3,400	3,600	3,400	3.0
Baxter Springs	4,600	4,600	4,600	4,600	4,602	0.0
Bel Aire**	5,000	5,300	5,600	5,900	5,836	16.7
Beloit	4,000	4,000	3,900	3,900	4,019	0.5
Bonner Springs	6,100	6,000	6,000	6,000	6,768	11.0
Burlington	2,800	2,800	2,800	2,800	2,790	-0.4
Chanute	9,400	9,400	9,300	9,300	9,411	0.1
Clay Center	4,700	4,600	4,600	4,500	4,564	-2.9
Coffeyville	12,500	12,400	12,300	12,200	11,021	-11.8
Colby	5,400	5,300	5,300	5,200	5,450	0.9
Columbus	3,400	3,400	3,400	3,400	3,396	-0.1
Concordia	5,700	5,700	5,600	5,600	5,714	0.2
Derby	15,400	16,000	16,300	16,400	17,807	15.6
De Soto**	3,000	3,200	3,300	3,400	4,561	52.0
Dodge City	22,500	22,500	22,600	22,800	25,176	11.9
Edwardsville	3,800	3,700	3,700	3,700	4,146	9.1
El Dorado	13,500	13,700	14,100	14,300	12,057	-10.7
Ellsworth**	2,600	2,600	2,600	2,500	2,965	14.0
Emporia	25,300	25,000	24,900	24,800	26,760	5.8
Eudora	3,300	3,300	3,400	3,600	4,307	30.5
Eureka	3,100	3,000	3,100	3,000	2,914	-6.0
Fairway	4,800	4,900	5,000	5,200	3,952	-17.7
Fort Scott	8,500	8,500	8,500	8,400	8,297	-2.4
Fredonia	2,600	2,600	2,600	2,600	2,600	0.0
Frontenac	2,600	2,600	2,600	2,600	2,996	15.2
Galena	3,500	3,500	3,500	3,500	3,287	-6.1
Garden City	25,900	26,200	26,600	27,300	28,451	9.8
Gardner**	5,700	6,100	6,600	7,500	9,396	64.8
Garnett	3,300	3,300	3,300	3,300	3,368	2.1
Girard	2,900	2,800	2,900	2,900	2,773	-4.4
Goodland	4,800	4,700	4,700	4,700	4,948	3.1
Great Bend	14,800	14,700	14,500	15,000	15,345	3.7
Hays	17,900	18,000	18,000	18,000	20,013	11.8
Haysville	8,800	9,100	9,300	9,400	8,502	-3.4
Herington	2,800	2,800	2,800	2,800	2,563	-8.5
Hesston	3,000	3,100	3,300	3,300	3,509	17.0
Hiawatha	3,600	3,600	3,600	3,500	3,417	-5.1
Hillsboro	2,700	2,700	2,900	2,800	2,854	5.7
Hoisington	3,000	3,000	3,000	3,100	2,975	-0.8
Holton	3,300	3,300	3,400	3,400	3,353	1.6
Hugoton	3,400	3,400	3,400	3,400	3,708	9.1
Hutchinson	39,600	39,600	39,800	40,100	40,787	3.0
Independence	9,600	9,500	9,500	9,400	9,846	2.6
Iola	6,400	6,300	6,300	6,300	6,302	-1.5
Junction City	17,800	17,100	17,200	16,900	18,886	6.1
Kansas City	141,800	141,100	140,900	140,000	146,866	3.6

Table 3
City Population*
Kansas, 1996-2000

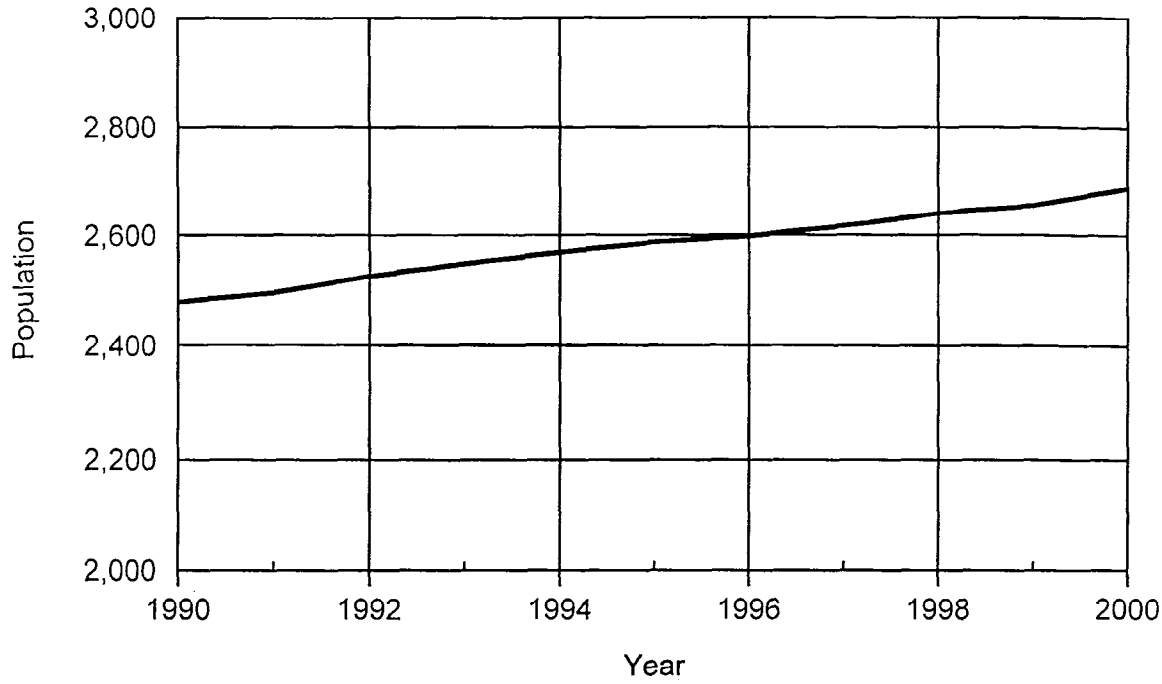
City of Residence	Year					Percent Change 1996-2000
	1996	1997	1998	1999	2000	
Kingman	3,300	3,300	3,300	3,300	3,387	2.6
Lansing	7,700	7,800	7,900	7,900	9,199	19.5
Larned	4,400	4,300	4,400	4,300	4,236	-3.7
Lawrence	72,100	73,100	74,700	78,900	80,098	11.1
Leavenworth	41,800	42,000	42,600	42,900	35,420	-15.3
Leawood	22,600	23,100	23,800	24,400	27,656	22.4
Lenexa	39,100	40,000	41,200	42,200	40,238	2.9
Liberal	17,700	17,800	17,700	17,800	19,666	11.1
Lindsborg	3,100	3,100	3,200	3,300	3,321	7.1
Louisburg**	2,200	2,300	2,300	2,500	2,576	17.1
Lyons	3,500	3,500	3,600	3,600	3,732	6.6
Manhattan	37,400	36,900	37,300	37,400	44,831	19.9
Marysville	3,200	3,200	3,200	3,100	3,271	2.2
McPherson	12,500	12,600	13,000	13,100	13,770	10.2
Merriam	13,600	13,900	14,300	14,700	11,008	-19.1
Mission	10,900	11,200	11,500	11,800	9,727	-10.8
Mission Hills	4,000	4,100	4,200	4,300	3,593	-10.2
Mulvane	4,900	5,100	5,200	5,200	5,155	5.2
Neodesha	2,900	2,800	2,800	2,900	2,848	-1.8
Newton	16,800	17,000	18,500	18,400	17,190	2.3
Norton	2,900	3,000	2,900	2,900	3,012	3.9
Olathe	72,900	74,500	76,600	78,500	92,962	27.5
Osage City	2,900	3,000	3,000	3,000	3,034	4.6
Osawatomie	5,100	5,100	5,200	5,300	4,645	-8.9
Ottawa	11,400	11,500	12,000	12,200	11,921	4.6
Overland Park	128,600	131,400	135,200	138,600	149,080	15.9
Paola	5,200	5,200	5,300	5,400	5,011	-3.6
Park City**	5,400	5,500	5,600	5,700	5,814	7.7
Parsons	11,500	11,500	11,600	11,500	11,514	0.1
Phillipsburg	2,700	2,600	2,600	2,600	2,668	-1.2
Pittsburg	18,200	18,000	18,200	18,200	19,243	5.7
Prairie Village	26,700	27,300	28,100	28,700	22,072	-17.3
Pratt	6,700	6,700	6,700	6,600	6,570	-1.9
Roeland Park	8,900	9,100	9,300	9,600	6,817	-23.4
Rose Hill**	3,400	3,400	3,500	3,600	3,432	0.9
Russell	4,700	4,700	4,600	4,600	4,696	-0.1
Sabetha**	2,400	2,400	2,400	2,400	2,589	7.9
Salina	44,400	44,300	44,300	44,100	45,679	2.9
Scott City	3,600	3,600	3,600	3,500	3,855	7.1
Shawnee	43,700	44,700	46,000	47,100	47,996	9.8
South Hutchinson**	2,600	2,600	2,600	2,600	2,539	-2.3
Spring Hill**	2,300	2,400	2,400	2,500	2,727	18.6
Sterling**	2,200	2,300	2,300	2,300	2,642	20.1
Tonganoxie**	2,900	2,900	2,900	3,000	2,728	-5.9
Topeka	122,800	122,800	123,100	127,200	122,377	-0.3
Ulysses	5,900	6,000	6,100	6,000	5,960	1.0
Valley Center	3,800	3,900	4,000	4,100	4,883	28.5
Wamego	4,100	4,200	4,300	4,400	4,246	3.6
Wellington	8,800	8,800	8,800	8,800	8,647	-1.7
Wichita	318,200	330,400	337,400	340,200	344,284	8.2
Winfield	12,000	11,900	11,700	11,900	12,206	1.7

* Includes cities with populations of 2,500 or more as reported by the 2000 U.S. Census.
Source: 1996-1999, KDHE, 2000 U.S. Bureau of the Census

** Source: 1996-2000 U.S. Bureau of the Census

Total Population

Kansas, 1990-2000* (in Thousands)



* U.S. Census Bureau Estimates
1990 and 2000 Actual Counts

Figure 4

Rate of Natural Increase

Kansas, 1960-2000

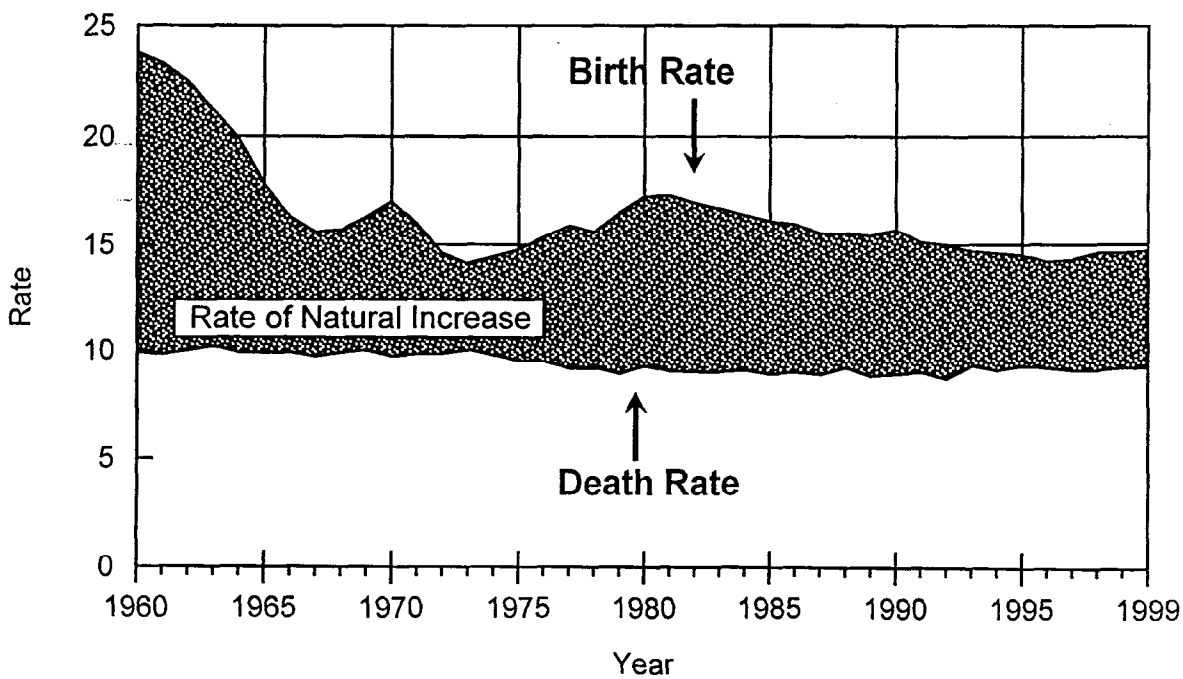


Figure 5

Rate per 1,000 Population

Median Age

Kansas, 1990-2000

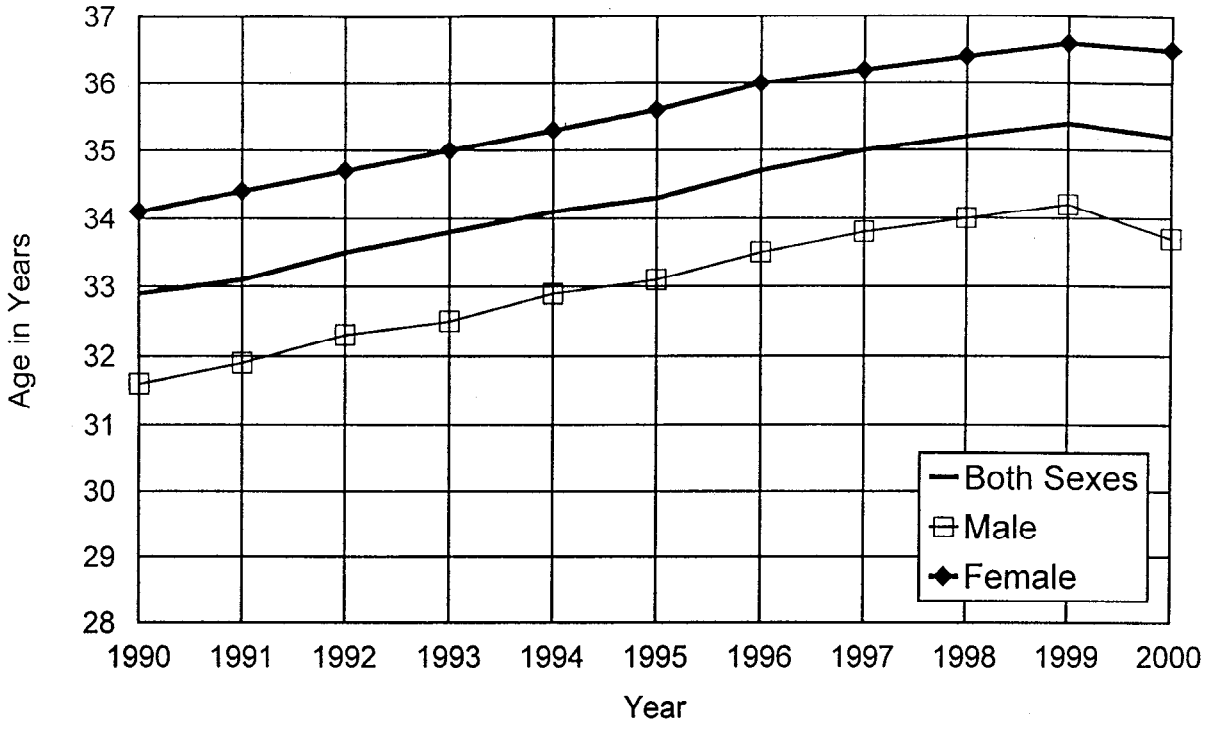


Figure 6

Percent Change in Age-Group Population

Both Sexes, Kansas, 1990-2000

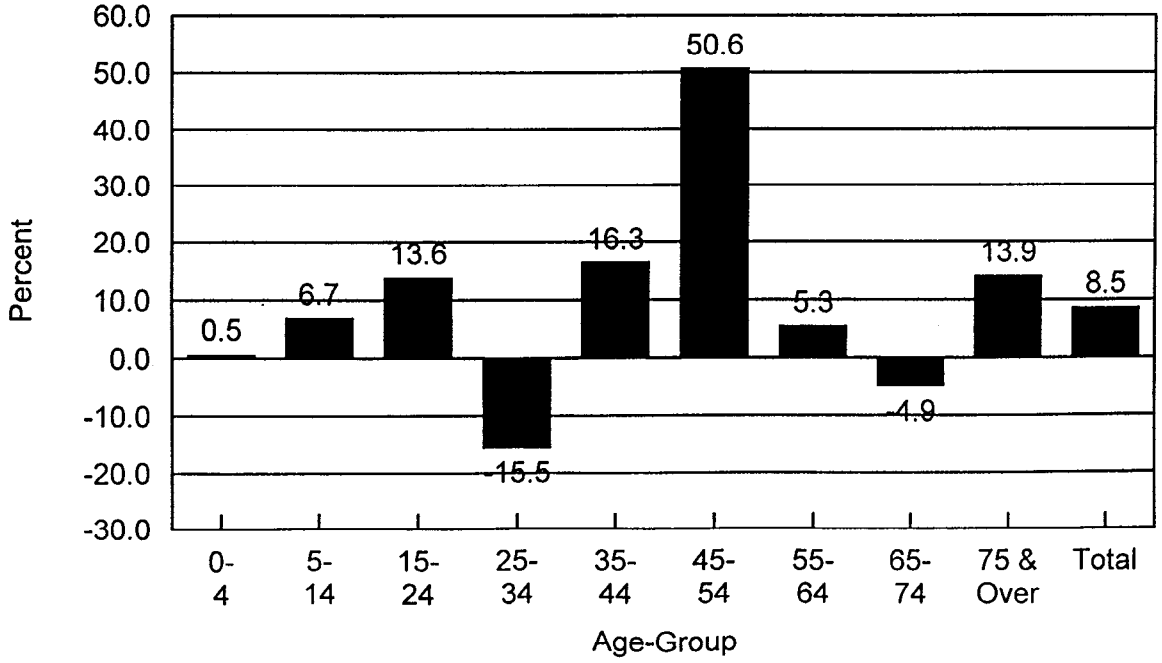


Figure 7

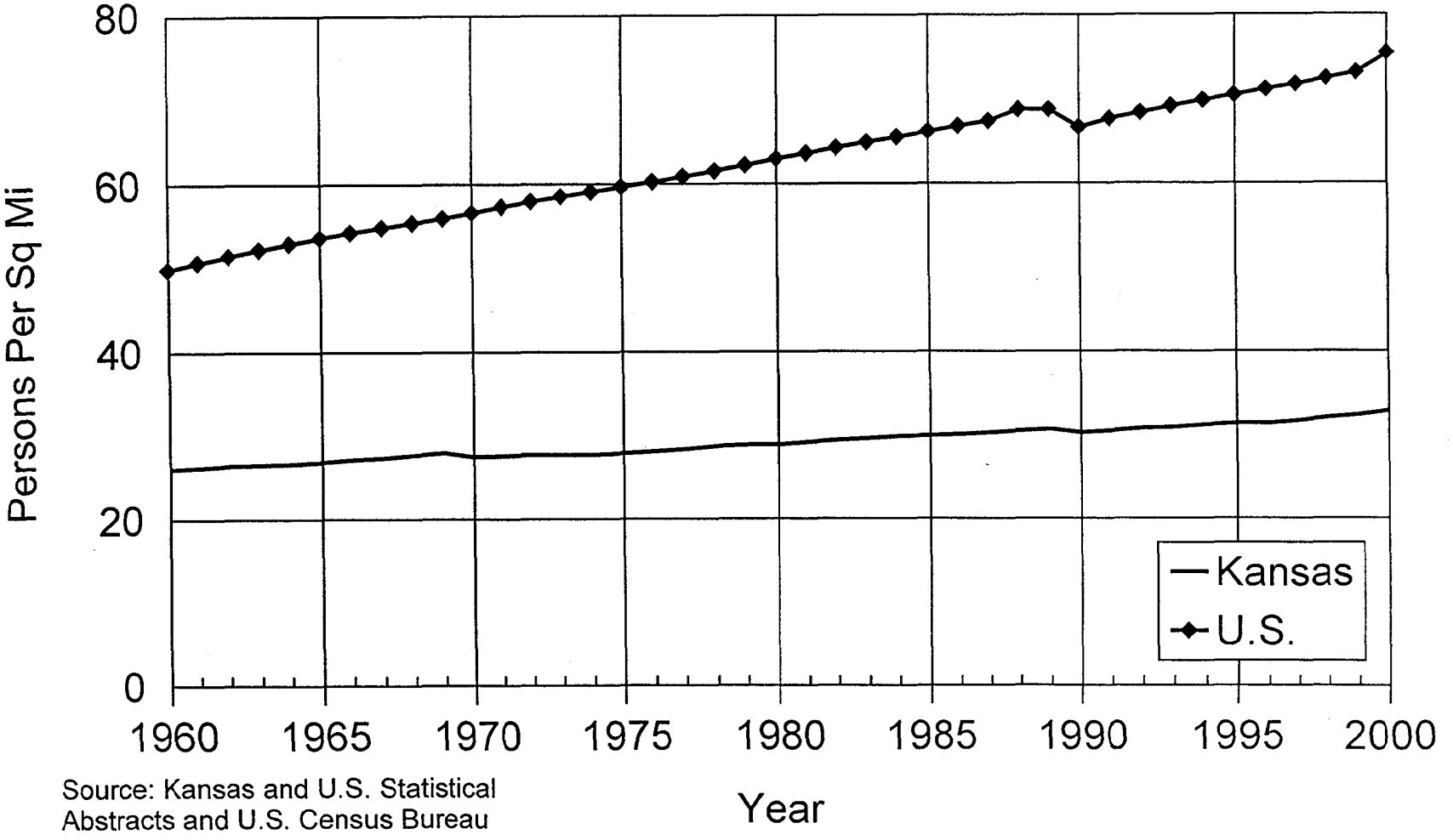
Table 4
Kansas Population By Age-Group And Sex*
1990-2000
(In Thousands)

Age-Group	Year											Percent Change 1990-2000
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
Both Sexes												
0-4	188	190	187	186	184	183	180	179	182	184	189	0.5
5-14	375	382	387	391	395	394	387	385	389	388	400	6.7
15-24	352	352	355	356	359	362	366	376	389	398	400	13.6
25-34	413	403	396	385	378	372	364	356	347	340	349	-15.5
35-44	361	378	388	393	403	411	417	423	426	427	420	16.3
45-54	235	238	255	265	278	289	302	317	329	343	354	50.6
55-64	209	205	204	202	203	203	203	207	213	220	220	5.3
65-74	185	186	186	186	187	183	182	179	178	175	176	-4.9
75 and Over	158	160	164	167	167	168	170	173	176	179	180	13.9
Total	2,478 **	2,495 **	2,522 **	2,531 **	2,554 **	2,565 **	2,572 **	2,595 **	2,629 **	2,654 **	2,688 **	8.5
Median Age	32.9	33.1	33.5	33.8	34.1	34.3	34.7	35.0	35.2	35.4	35.2	7.0
Males												
0-4	97	98	96	95	95	94	93	92	94	94	97	0.0
5-14	193	197	199	201	203	203	199	198	200	199	205	6.2
15-24	182	182	183	184	185	186	189	194	200	205	207	13.7
25-34	208	203	200	194	191	188	183	179	173	170	179	-13.9
35-44	183	191	196	199	204	208	211	214	216	216	210	14.8
45-54	116	117	126	131	137	143	149	157	162	169	178	53.4
55-64	100	98	98	97	98	97	98	100	103	106	107	7.0
65-74	82	83	83	84	84	83	82	81	81	79	80	-2.4
75 and Over	55	56	58	59	59	60	61	63	64	66	66	20.0
Total	1,215	1,225	1,239	1,244	1,256	1,262	1,266	1,278	1,292	1,305	1,328	9.3
Median Age	31.6	31.9	32.3	32.5	32.9	33.1	33.5	33.8	34.0	34.2	33.7	6.6
Females												
0-4	92	92	91	90	90	89	88	87	89	90	92	0.0
5-14	183	186	188	190	192	192	188	187	189	188	194	6.0
15-24	171	170	172	173	174	175	177	182	189	193	193	12.9
25-34	205	200	196	191	187	184	181	177	174	170	170	-17.1
35-44	179	187	192	194	199	203	206	209	211	211	210	17.3
45-54	119	120	129	134	141	147	153	161	167	174	176	47.9
55-64	109	107	106	105	105	105	105	107	111	114	113	3.7
65-74	103	103	103	103	103	101	100	98	97	96	96	-6.8
75 and Over	103	105	106	108	108	108	109	110	112	113	115	11.7
Total	1,263	1,270	1,283	1,288	1,298	1,304	1,306	1,317	1,337	1,349	1,360	7.7
Median Age	34.1	34.4	34.7	35.0	35.3	35.6	36.0	36.2	36.4	36.6	36.5	7.0

*U.S. Census Bureau estimates may not add to totals due to rounding.
The population counts for 1990 and 2000 are for April 1. Population estimates (1991-1999) are for July 1.
**See Technical Notes.

Population Density

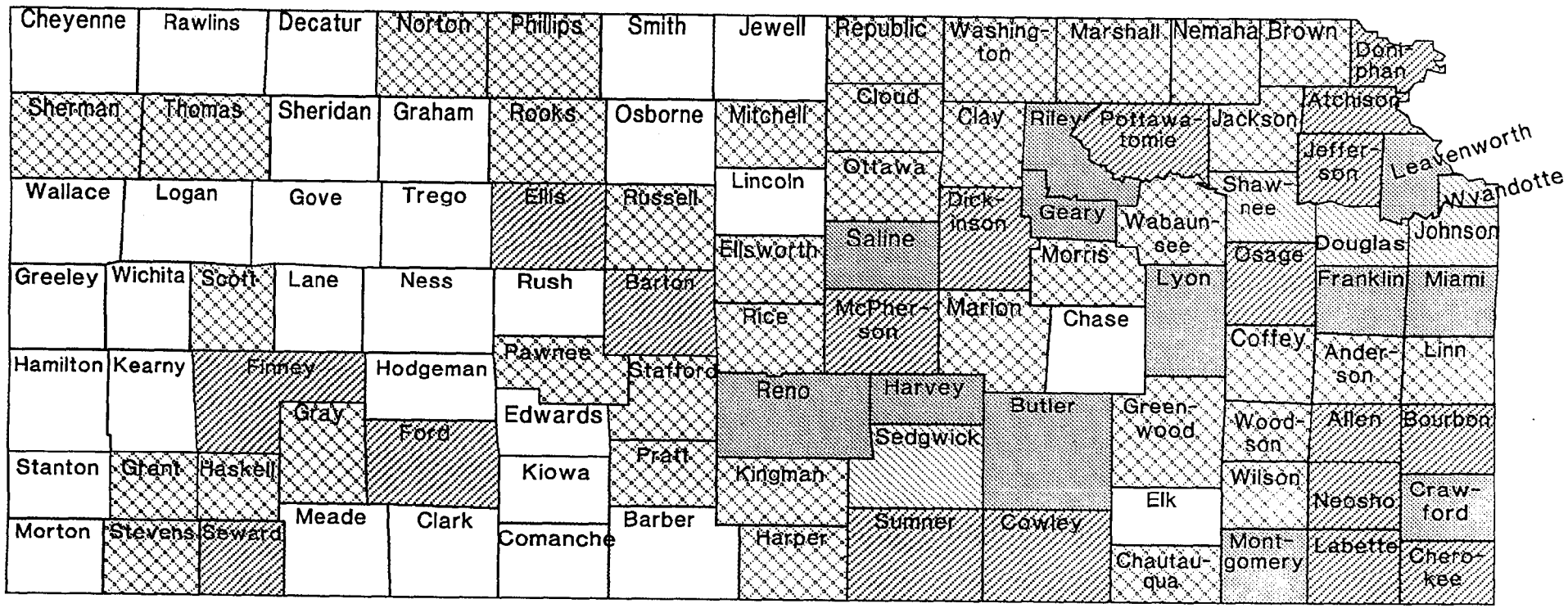
Kansas and the U.S., 1960-2000



Source: Kansas and U.S. Statistical Abstracts and U.S. Census Bureau

Figure 8

Population Density
By County Of Residence
Kansas, 2000



Inhabitants Per Square Mile

State Population Density: 32.9

Legend
- Under 6.0
- 6.0 to 19.9
- 20.0 to 39.9
- 40.0 to 149.9
- 150.0 & over

Figure 9

Pregnancy Outcomes

During 2000, 39,654 live births occurred to Kansas residents, representing a birth rate of 14.7 per 1,000 population. This was a 0.7 increase from the 1999 rate of 14.6. (Table 5)

In 2000, Seward, Finney, Ford and Geary counties had the highest county birth rates of 23.7, 22.7, 20.2 and 20.2 births per 1,000 population respectively. Garden City, Liberal, and Dodge City had the highest 2000 city birth rates of 26.8, 25.3, and 23.8 births per 1,000 population respectively. (Tables 5 and 6, Figure 11)

Finney, Seward and Geary counties had the highest five-year county birth rates of 24.4, 23.7, and 23.2 births per 1,000 population respectively. (Table 5)

Since 1960, birth rates for Kansas have followed national trends and steadily declined. Kansas birth rates have decreased 38.2 percent during the last 40 years from a rate of 23.8 births per 1,000 population in 1960 to a rate of 14.7 in 2000. In 2000, the Kansas birth rate (14.7) was slightly below the national rate of (14.8). (Table 7, Figure 10)

Kansas fertility rates have followed national trends and indicate a steady decline from 124.8 to 69.1 births per 1,000 female population aged 15-44 in 1960 and 2000 respectively. The increase in the fertility rate from 1989 to 1990 and from 1999 to 2000 can be explained, in part, by the use of actual census counts for the 1990 and 2000 female population. The Kansas fertility rate in 2000 (69.1) was 2.2 percent higher than the national rate of 67.6. (Table 7, Figure 12)

Age-specific fertility rates for Kansas during the years 1990-2000 decreased 9.2 percent for the 15-24 age-group. Concurrently, age-specific fertility rates increased 14.3 percent for the 25-34 age-group and 26.8 percent for the 35-44 age-group. (Table 8, Figure 13)

In 2000, 40.1 percent of all Kansas live births occurred to women in the 15-24 age-group, 48.6 percent of live births occurred to women in the 25-34 age-group and 11.0 percent occurred to women in the 35-44 age-group. For comparison, in 2000, 25.1 percent of all Kansas live births had fathers in the 15-24 age-group, 53.4 percent had fathers in the 25-34 age-group, and 19.5 percent had fathers in the 35-44 age group. (Tables 9 and 10)

Of the births to mothers 10-19 years of age, where the age of the father is known, just over one-third (35.7 percent) of fathers were 10-19 while nearly two-thirds (64.3 percent) of fathers were 20 and over. (Table 9)

Over eight percent (8.8) of live births in 2000 were preterm (less than 37 completed weeks of gestation) while 91 percent (91.2) occurred at 37 or more weeks of gestation. (Table 11)

Pregnancy Outcomes (Cont.)

In 2000, 86.9 percent of all Kansas resident births were to mothers who received prenatal care that began in the first trimester (first 3 months) of pregnancy, 10.3 percent began in the second trimester, and 2.0 percent began in the third trimester. Less than1 percent (0.8) received no prenatal care. (Table 12)

Of the 39,654 Kansas resident live births in 2000, 81.6 percent received adequate or better prenatal care, including 25.1 percent with adequate-plus care; 18.4 percent received less than adequate prenatal care, including 8.7 percent with inadequate care. (Table 13)

Ellsworth county had the highest percentage of mothers with adequate or better prenatal care (93.0 percent) followed by Barber (92.3 percent) and Bourbon counties (92.2 percent). Seward county had the lowest percentage of adequate or better prenatal care (47.8 percent), followed by Finney (53.4 percent) and Haskell counties (53.7 percent). (Table 13)

In 2000, 81.3 percent of Kansas live births both occurred to women 15-34 years of age and weighed between 2,500-4,499 grams. (Table 15)

Birth weights for Kansas live births in 2000 were distributed as follows: 6.9 percent of live births weighed under 2,500 grams (low birth weight), 91.5 percent weighed 2,500-4,499 grams (normal birth weight), and 1.6 percent weighed over 4,499 grams (heavy birth weight). (Tables 14 and 15)

In 2000, 38.3 percent of Kansas live births were first births. Of the 15,187 first births, 57.7 percent occurred to women in the 15-24 age-group. (Table 16, Figure 14)

In 2000, 88.9 percent of Kansas live births were to white mothers, 7.2 percent were to black mothers, and 3.9 percent were to mothers of other races. Furthermore, 51.4 percent of Kansas live births were male and 48.6 percent were female. (Table 17)

In 2000, there were 11,491 out-of-wedlock births to Kansas residents. Of those births, 72.4 percent occurred to women in the 15-24 age-group. For comparison, in 1990, 72.7 percent of the 8,337 out-of-wedlock births occurred to women in this age group. (Table 18)

The out-of-wedlock birth ratio has continued an upward trend over the years in both Kansas and the U.S. Out-of-wedlock births comprised 29.0 percent of all live births that occurred to Kansas residents in 2000, a 35.5 percent increase from 21.4 percent of live births in 1990. The out-of-wedlock birth ratio in 2000 was 12.4 percent lower than the U.S. proportion (33.1 percent) of births to unmarried women. (Table 1, Figure 15)

The pregnancy rate for females ages 10-19 decreased 13.7 percent from 35.1 pregnancies per 1,000 in 1990 to 30.3 in 2000. Teen pregnancy rates for females ages 10-17 decreased 20.0 percent during this same time frame. (Table 19, Figure 16)

In 2000, 88.0 percent of non-teen mothers of live births received prenatal care in the first trimester of pregnancy, while only 73.2 percent of teen mothers received prenatal care in the first trimester. The percent of teens who received no prenatal care (1.1) was higher than that for non-teens (0.7). (Figure 17)

Pregnancy Outcomes (Cont.)

Of the births to teenage women in 2000, 83.2 percent were to whites and 13.5 percent were to blacks. For comparison, in 1990, 80.8 percent of births to teenage women were to whites and 17.2 percent were to blacks. (Figure 18)

In 2000, the abortion ratio for Kansas residents was 160.3 abortions per 1,000 live births, a decrease of 0.6 percent from the 161.3 ratio in 1991. Ratios increased from 1991 to a high of 186.3 in 1996, then declined for the next four years. (Figure 19, Table 22)

The abortion ratio for Kansas residents in 2000 varied substantially by age-group. The ratio per 1,000 live births was highest for adolescents-women under 20 years of age. Since 1980, the abortion ratio declined for women in age groups under 20 and above 29. (Figure 20)

In 2000, 6,356 abortions reported were performed for Kansas residents and 5,971 were performed for non-Kansans. Of the 6,356 resident abortions, 102 occurred out of state. (Figure 22, Tables 22 and 24)

Of Kansas residents having abortions, 54.8 percent were in the 15-24 age-group, 79.7 percent were unmarried and 78.1 percent were white. (Figure 22, Table 23)

In 2000, 58.7 percent of all reported abortions occurred prior to nine completed weeks of gestational age. Over fourteen (14.2) percent of teenage women obtained an abortion after 16 weeks gestation, compared to 8.2 percent of women 20 and older. (Table 24, Figure 23)

Eighty (80.2) percent of all reported abortions in 2000 were to unmarried women. Among black women, 88.2 percent were unmarried, while 79.2 percent of white women and 75.4 percent of Hispanic women were unmarried. (Table 25)

Eighty-four percent (83.6) of all reported abortions were performed prior to the 13th week of gestation. Suction curettage was the procedure used in 95.9 percent of these terminations. Only 9.5 percent of induced terminations were performed after 16 weeks gestation, and 53.9 percent of these used Digoxin/Induction and 43.5 percent used dilation and evacuation. (Table 27)

The percentage of women who obtained an abortion early in pregnancy (less than 9 weeks of gestation) increased with age, and the percentage who obtained an abortion late in pregnancy (greater than 21 weeks of gestation) decreased with age for women up to 20-24 years of age and remained stable in older age-groups. (Figure 24)

Table 5
Live Births By Number And Rate*
By County Of Residence And By Peer Group**
Kansas, 1996-2000

County of Residence	Year										5-Year
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
Kansas	36,524	14.2	37,191	14.3	38,372	14.6	38,748	14.6	39,654	14.7	14.5
Allen	180	12.3	186	12.9	153	10.5	187	13.0	198	13.8	12.5
Anderson	92	11.4	79	9.8	115	14.3	104	12.8	111	13.7	12.4
Atchison	205	12.6	208	12.7	227	13.4	193	11.4	209	12.5	12.5
Barber	47	8.6	53	9.8	51	9.5	54	10.3	40	7.5	9.1
Barton	347	12.4	375	13.4	382	13.8	382	13.3	343	12.2	13.0
Bourbon	219	14.4	187	12.3	188	12.3	190	12.7	206	13.4	13.0
Brown	141	12.9	130	11.8	137	12.4	125	11.4	147	13.7	12.4
Butler	752	12.7	741	12.3	790	12.8	758	12.1	775	13.0	12.6
Chase	35	12.1	56	19.4	54	18.3	42	14.7	29	9.6	14.8
Chautauqua	29	6.6	25	5.7	41	9.4	33	7.7	39	8.9	7.7
Cherokee	282	12.5	313	13.9	276	12.2	290	12.9	279	12.3	12.8
Cheyenne	28	8.7	31	9.7	32	10.1	22	6.8	38	12.0	9.5
Clark	25	10.5	24	9.8	22	9.3	30	12.8	30	12.6	11.0
Clay	83	8.9	83	9.0	104	11.4	92	10.3	97	11.0	10.1
Cloud	93	9.1	96	9.4	108	10.8	105	10.5	102	9.9	9.9
Coffey	106	12.1	105	12.0	88	10.1	99	11.3	109	12.3	11.6
Comanche	20	9.7	18	8.9	26	12.9	16	8.2	26	13.2	10.6
Cowley	428	11.6	466	12.7	418	11.5	508	13.7	457	12.6	12.4
Crawford	494	13.6	493	13.7	554	15.2	531	14.6	580	15.2	14.5
Decatur	32	9.1	30	8.5	31	9.0	23	6.8	36	10.4	8.8
Dickinson	230	11.6	207	10.5	209	10.6	225	11.5	232	12.0	11.2
Doniphan	90	11.6	101	13.2	116	14.8	95	11.9	96	11.6	12.6
Douglas	1,060	11.8	1,022	11.2	1,167	12.5	1,201	12.2	1,182	11.8	11.9
Edwards	34	9.8	29	8.5	50	15.1	37	11.3	53	15.4	12.0
Elk	22	6.5	31	9.2	29	8.7	22	6.5	32	9.8	8.1
Ellis	302	11.5	335	12.7	311	11.8	357	13.6	334	12.1	12.3
Ellsworth	56	8.8	41	6.5	60	9.5	67	10.8	43	6.6	8.4
Finney	894	25.2	914	25.5	914	25.0	887	23.7	921	22.7	24.4
Ford	579	19.8	625	21.4	656	22.3	669	22.6	655	20.2	21.3
Franklin	331	14.0	341	14.3	356	14.4	371	14.8	353	14.2	14.3
Geary	585	22.2	636	25.1	635	25.0	590	23.7	565	20.2	23.2
Gove	29	9.4	32	10.4	37	12.1	31	10.2	37	12.1	10.8
Graham	31	9.5	16	4.9	26	8.1	27	8.7	23	7.8	7.8
Grant	147	19.1	147	18.6	165	20.6	160	20.3	138	17.4	19.2
Gray	86	15.6	80	14.6	110	19.7	85	15.2	98	16.6	16.3
Greeley	23	13.1	17	9.8	23	13.5	17	10.3	19	12.4	11.8
Greenwood	78	9.6	79	9.8	83	10.2	78	9.8	94	12.3	10.3
Hamilton	27	11.8	29	12.7	38	16.2	47	19.8	45	16.9	15.5
Harper	56	8.6	63	9.7	69	10.7	70	11.1	69	10.6	10.1
Harvey	347	11.1	412	13.0	409	11.9	458	13.4	447	13.6	12.6
Haskell	76	19.4	80	20.0	75	18.9	82	20.3	81	18.8	19.5
Hodgeman	22	9.9	16	7.2	16	7.2	27	12.1	15	7.2	8.7
Jackson	172	14.4	156	13.0	157	12.9	150	12.3	164	13.0	13.1
Jefferson	208	11.9	202	11.3	218	11.9	229	12.6	192	10.4	11.6
Jewell	29	7.2	29	7.3	31	8.0	34	9.0	19	5.0	7.3
Johnson	5,999	14.7	6,215	14.9	6,415	14.9	6,626	15.1	6,989	15.5	15.0
Kearny	67	15.9	77	18.3	63	15.1	93	22.5	70	15.4	17.4
Kingman	91	10.6	94	11.0	89	10.4	97	11.2	101	11.6	11.0
Kiowa	42	11.8	36	10.5	40	11.5	39	11.6	34	10.4	11.2
Labette	260	11.4	286	12.5	276	12.0	284	12.4	256	11.2	11.9
Lane	23	10.4	20	9.1	28	12.4	20	9.2	16	7.4	9.7
Leavenworth	829	11.9	868	12.4	842	11.8	868	12.1	891	13.0	12.2
Lincoln	30	8.9	30	9.0	25	7.5	36	10.8	48	13.4	9.9
Linn	91	10.1	96	10.6	100	10.9	111	11.9	126	13.2	11.3
Logan	35	11.2	30	9.9	31	10.4	45	15.3	38	12.5	11.9

Table 5
Live Births By Number And Rate*
By County Of Residence And By Peer Group**
Kansas, 1996-2000

County of Residence	Year										5-Year
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
Lyon	507	14.7	515	15.1	463	13.6	531	15.7	540	15.0	14.8
Marion	142	11.0	130	10.1	151	11.1	147	10.9	141	10.6	10.7
Marshall	100	8.9	97	8.7	119	10.8	111	10.2	106	9.7	9.7
McPherson	314	11.4	349	12.6	372	13.0	334	11.6	346	11.7	12.1
Meade	65	14.7	66	15.0	64	14.5	66	15.0	77	16.6	15.2
Miami	336	13.0	298	11.4	366	13.8	384	14.2	377	13.3	13.1
Mitchell	69	9.7	77	11.0	64	9.2	62	8.9	61	8.8	9.5
Montgomery	415	11.1	427	11.5	460	12.4	462	12.6	482	13.3	12.2
Morris	76	12.0	69	11.1	69	11.2	59	9.6	69	11.3	11.0
Morton	55	16.6	57	16.9	45	13.1	57	16.3	62	17.7	16.1
Nemaha	139	13.4	145	14.1	169	16.7	154	15.1	136	12.7	14.4
Neosho	192	11.4	206	12.2	197	11.8	171	10.3	216	12.7	11.7
Ness	38	10.4	31	8.5	39	10.8	29	8.1	31	9.0	9.4
Norton	54	9.4	53	9.1	50	8.7	43	7.6	72	12.1	9.4
Osage	213	12.7	201	11.8	192	11.2	191	11.1	192	11.5	11.7
Osborne	42	9.1	40	8.9	36	7.6	43	9.4	35	7.9	8.6
Ottawa	69	11.9	63	10.8	61	10.3	71	12.1	80	13.0	11.6
Pawnee	76	10.2	66	9.1	75	10.1	83	11.5	77	10.6	10.3
Phillips	63	10.2	55	9.1	56	9.2	59	9.9	88	14.7	10.6
Pottawatomie	281	15.7	254	14.0	266	14.2	255	13.5	264	14.5	14.4
Pratt	107	11.0	119	12.3	109	11.2	105	11.0	118	12.2	11.5
Rawlins	27	8.3	30	9.3	29	9.3	19	6.3	26	8.8	8.4
Reno	836	13.3	816	13.0	838	13.3	820	12.9	886	13.7	13.2
Republic	50	8.0	48	7.8	68	11.1	44	7.4	47	8.1	8.5
Rice	121	12.0	114	11.4	129	12.5	116	11.3	127	11.8	11.8
Riley	1,035	16.0	863	13.7	904	14.2	959	15.1	901	14.3	14.7
Rooks	58	9.9	68	11.9	60	10.6	64	11.4	53	9.3	10.6
Rush	32	9.0	30	8.7	30	8.8	37	11.0	46	13.0	10.1
Russell	71	9.3	66	8.7	89	11.8	62	8.3	80	10.9	9.8
Saline	710	13.7	695	13.5	813	15.8	705	13.7	752	14.0	14.1
Scott	68	13.5	68	13.6	55	11.0	77	15.6	61	11.9	13.1
Sedgwick	6,949	16.4	7,209	16.4	7,468	16.7	7,548	16.7	7,838	17.3	16.7
Seward	481	24.0	420	20.8	486	24.3	521	25.9	534	23.7	23.7
Shawnee	2,342	14.2	2,366	14.3	2,389	14.4	2,362	13.8	2,463	14.5	14.2
Sheridan	22	8.0	23	8.4	21	7.7	27	10.1	23	8.2	8.5
Sherman	79	11.7	93	14.1	100	15.4	99	15.2	82	12.1	13.7
Smith	41	8.6	35	7.5	38	8.3	24	5.2	34	7.5	7.4
Stafford	47	9.2	55	10.8	71	14.2	64	12.8	46	9.6	11.3
Stanton	38	16.5	46	19.7	38	16.8	39	17.5	44	18.3	17.8
Stevens	82	15.3	97	17.9	80	14.9	89	16.5	98	17.9	16.5
Sumner	334	12.4	328	12.2	341	12.6	325	12.0	324	12.5	12.3
Thomas	127	15.3	113	13.8	105	13.1	95	11.9	106	13.0	13.4
Trego	29	8.4	33	9.9	29	8.8	31	9.5	32	9.6	9.2
Wabaunsee	75	11.3	70	10.4	68	10.2	88	13.4	79	11.5	11.4
Wallace	20	11.0	26	14.4	24	13.3	19	10.5	22	12.6	12.4
Washington	81	12.0	71	10.8	68	10.5	73	11.3	62	9.6	10.8
Wichita	39	14.3	42	15.5	39	14.8	43	16.7	27	10.7	14.4
Wilson	105	10.1	116	11.3	132	12.9	130	12.6	124	12.0	11.8
Woodson	38	9.5	29	7.3	42	10.5	35	8.9	31	8.2	8.9
Wyandotte	2,615	17.0	2,812	18.4	2,729	17.9	2,797	18.5	2,809	17.8	17.9
Peer Group											
Frontier	1,049	10.5	1,063	10.7	1,085	11.0	1,096	11.3	1,107	11.2	10.9
Rural	3,294	11.3	3,236	11.2	3,491	12.1	3,388	11.8	3,463	11.9	11.7
Densely -Settled Rural	6,039	14.4	6,163	14.7	6,198	14.7	6,293	14.8	6,254	14.4	14.6
Semi-Urban	7,177	13.7	7,105	13.6	7,430	14.0	7,437	14.0	7,549	14.1	13.9
Urban	18,965	15.3	19,624	15.5	20,168	15.7	20,534	15.6	21,281	16.0	15.6

*Rate per 1,000 population

** See Technical Notes for Peer Group definition.

Table 6
Live Births By Number And Rate*
By Selected City Of Residence
Kansas, 1996-2000

City of Residence	Year										5-Year Rate
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Abilene	80	12.3	87	13.4	94	14.5	90	13.8	94	14.4	13.7
Andover	81	17.2	94	19.6	113	22.6	91	18.2	116	17.3	19.0
Anthony	26	11.3	30	13.0	36	15.7	35	15.9	35	14.3	14.0
Arkansas City	176	13.8	187	14.7	175	13.9	183	14.3	152	12.7	13.9
Atchison	136	13.3	141	13.7	163	15.4	136	12.8	158	15.4	14.1
Augusta	132	14.3	121	12.9	154	16.0	130	13.3	146	17.3	14.8
Baldwin City	37	11.2	37	11.2	35	10.3	35	9.7	27	7.9	10.1
Baxter Springs	64	13.9	61	13.3	52	11.3	77	16.7	63	13.7	13.8
Belleville	16	6.7	15	6.3	34	14.2	17	7.4	18	8.0	8.5
Beloit	47	11.8	51	12.8	38	9.7	36	9.2	35	8.7	10.4
Bonner Springs	94	15.4	97	16.2	107	17.8	107	17.8	115	17.0	16.8
Burlington	30	10.7	40	14.3	23	8.2	36	12.9	34	12.2	11.7
Chanute	122	13.0	120	12.8	122	13.1	105	11.3	142	15.1	13.1
Cherryvale	31	12.9	32	13.3	25	10.4	27	11.7	47	19.7	13.6
Clay Center	50	10.6	37	8.0	57	12.4	46	10.2	52	11.4	10.5
Coffeyville	137	11.0	136	11.0	148	12.0	150	12.3	166	15.1	12.3
Colby	92	17.0	75	14.2	73	13.8	73	14.0	77	14.1	14.6
Columbus	57	16.8	57	16.8	57	16.8	49	14.4	49	14.4	15.8
Concordia	67	11.8	73	12.8	66	11.8	61	10.9	60	10.5	11.6
Derby	236	15.3	226	14.1	241	14.8	224	13.7	256	14.4	14.5
Dodge City	524	23.3	565	25.1	600	26.5	607	26.6	598	23.8	25.1
Edwardsville	50	13.2	60	16.2	50	13.5	65	17.6	63	15.2	15.1
El Dorado	193	14.3	182	13.3	186	13.2	196	13.7	197	16.3	14.2
Ellinwood	27	12.3	26	11.8	15	6.8	27	11.7	24	11.1	10.7
Emporia	414	16.4	416	16.6	377	15.1	453	18.3	453	16.9	16.7
Eudora	51	15.5	65	19.7	77	22.6	77	21.4	85	19.7	19.8
Eureka	39	12.6	34	11.3	40	12.9	33	11.0	31	10.6	11.7
Fairway	55	11.5	56	11.4	68	13.6	63	12.1	66	16.7	13.1
Fort Scott	133	15.6	122	14.4	133	15.6	117	13.9	129	15.5	15.0
Fredonia	29	11.2	30	11.5	33	12.7	41	15.8	30	11.5	12.5
Frontenac	26	10.0	35	13.5	34	13.1	36	13.8	33	11.0	12.3
Galena	42	12.0	55	15.7	43	12.3	42	12.0	48	14.6	13.3
Garden City	699	27.0	697	26.6	726	27.3	723	26.5	763	26.8	26.8
Garnett	37	11.2	33	10.0	53	16.1	50	15.2	59	17.5	14.0
Girard	40	13.8	37	13.2	28	9.7	36	12.4	49	17.7	13.4
Goodland	59	12.3	79	16.8	86	18.3	78	16.6	70	14.1	15.6
Great Bend	212	14.3	251	17.1	264	18.2	247	16.5	225	14.7	16.2
Hays	221	12.3	254	14.1	224	12.4	278	15.4	247	12.3	13.3
Haysville	88	10.0	91	10.0	117	12.6	109	11.6	133	15.6	12.0
Herington	34	12.1	33	11.8	33	11.8	29	10.4	33	12.9	11.8
Hesston	20	6.7	44	14.2	39	11.8	42	12.7	41	11.7	11.4
Hiawatha	43	11.9	44	12.2	44	12.2	47	13.4	51	14.9	12.9
Hillsboro	30	11.1	37	13.7	31	10.7	29	10.4	35	12.3	11.6
Hoisington	36	12.0	26	8.7	38	12.7	47	15.2	33	11.1	11.9
Holton	40	12.1	42	12.7	52	15.3	30	8.8	46	13.7	12.5
Hugoton	62	18.2	68	20.0	56	16.5	64	18.8	78	21.0	18.9
Hutchinson	585	14.8	594	15.0	578	14.5	584	14.6	624	15.3	14.8
Independence	148	15.4	132	13.9	167	17.6	156	16.6	150	15.2	15.7
Iola	86	13.4	95	15.1	84	13.3	95	15.1	112	17.8	14.9
Junction City	472	26.5	478	28.0	474	27.6	452	26.7	408	21.6	26.1
Kansas City	2,462	17.4	2,635	18.7	2,554	18.1	2,611	18.7	2,614	17.8	18.1

Table 6
Live Births By Number And Rate*
By Selected City Of Residence
Kansas, 1996-2000

City of Residence	Year										5-Year Rate
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Kingman	42	12.7	48	14.5	45	13.6	65	19.7	50	14.8	15.1
Lansing	76	9.9	76	9.7	79	10.0	70	8.9	105	11.4	10.0
Larned	49	11.1	48	11.2	53	12.0	59	13.7	48	11.3	11.9
Lawrence	874	12.1	845	11.6	974	13.0	987	12.5	975	12.2	12.3
Leavenworth	539	12.9	585	13.9	550	12.9	536	12.5	558	15.8	13.6
Leawood	263	11.6	265	11.5	271	11.4	274	11.2	305	11.0	11.3
Lenexa	522	13.4	525	13.1	471	11.4	521	12.3	532	13.2	12.7
Liberal	443	25.0	386	21.7	459	25.9	468	26.3	497	25.3	24.8
Lindsborg	29	9.4	27	8.7	40	12.5	38	11.5	29	8.7	10.2
Lyons	47	13.4	38	10.9	51	14.2	54	15.0	49	13.1	13.3
Manhattan	540	14.4	469	12.7	482	12.9	562	15.0	500	11.2	13.2
Marysville	34	10.6	28	8.8	40	12.5	44	14.2	37	11.3	11.5
McPherson	155	12.4	188	14.9	204	15.7	174	13.3	193	14.0	14.1
Medicine Lodge	21	9.1	23	10.0	28	12.7	21	9.5	18	8.2	9.9
Merriam	154	11.3	140	10.1	132	9.2	144	9.8	150	13.6	10.8
Mission	109	10.0	107	9.6	115	10.0	105	8.9	126	13.0	10.3
Mission Hills	27	6.8	30	7.3	20	4.8	24	5.6	17	4.7	5.8
Mulvane	60	12.2	70	13.7	42	8.1	57	11.0	66	12.8	11.6
Neodesha	41	14.1	46	16.4	46	16.4	46	15.9	41	14.4	15.4
Newton	222	13.2	249	14.6	249	13.5	262	14.2	275	16.0	14.3
Norton	29	10.0	30	10.0	29	10.0	24	8.3	34	11.3	9.9
Olathe	1,476	20.2	1,589	21.3	1,653	21.6	1,781	22.7	1,837	19.8	21.1
Osage City	37	12.8	52	17.3	40	13.3	45	15.0	49	16.2	14.9
Osawatomie	78	15.3	56	11.0	94	18.1	91	17.2	81	17.4	15.8
Ottawa	174	15.3	204	17.7	194	16.2	212	17.4	208	17.4	16.8
Overland Park	1,871	14.5	1,886	14.4	1,926	14.2	1,998	14.4	2,143	14.4	14.4
Paola	93	17.9	71	13.7	100	18.9	96	17.8	98	19.6	17.6
Parsons	166	14.4	178	15.5	167	14.4	170	14.8	146	12.7	14.4
Phillipsburg	31	11.5	27	10.4	22	8.5	27	10.4	46	17.2	11.6
Pittsburg	281	15.4	289	16.1	336	18.5	331	18.2	337	17.5	17.1
Plainville	23	11.0	21	10.0	26	13.0	23	11.5	21	10.3	11.2
Prairie Village	316	11.8	294	10.8	295	10.5	292	10.2	303	13.7	11.4
Pratt	85	12.7	88	13.1	85	12.7	68	10.3	87	13.2	12.4
Roeland Park	126	14.2	104	11.4	101	10.9	88	9.2	92	13.5	11.8
Russell	52	11.1	43	9.1	58	12.6	41	8.9	52	11.1	10.6
Salina	631	14.2	625	14.1	724	16.3	638	14.5	676	14.8	14.8
Scott City	43	11.9	53	14.7	43	11.9	52	14.9	49	12.7	13.2
Shawnee	594	13.6	684	15.3	754	16.4	728	15.5	804	16.8	15.5
Topeka	1,970	16.0	1,977	16.1	2,001	16.3	1,974	15.5	2,093	17.1	16.2
Ulysses	128	21.7	127	21.2	133	21.8	119	19.8	109	18.3	20.6
Valley Center	67	17.6	64	16.4	75	18.8	86	21.0	75	15.4	17.8
Wamego	66	16.1	62	14.8	71	16.5	61	13.9	74	17.4	15.7
Wellington	122	13.9	129	14.7	152	17.3	138	15.7	131	15.1	15.3
Wichita	5,906	18.6	6,206	18.8	6,435	19.1	6,526	19.2	6,748	19.6	19.1
Winfield	158	13.2	150	12.6	142	12.1	187	15.7	170	13.9	13.5

*Rate per 1,000 population

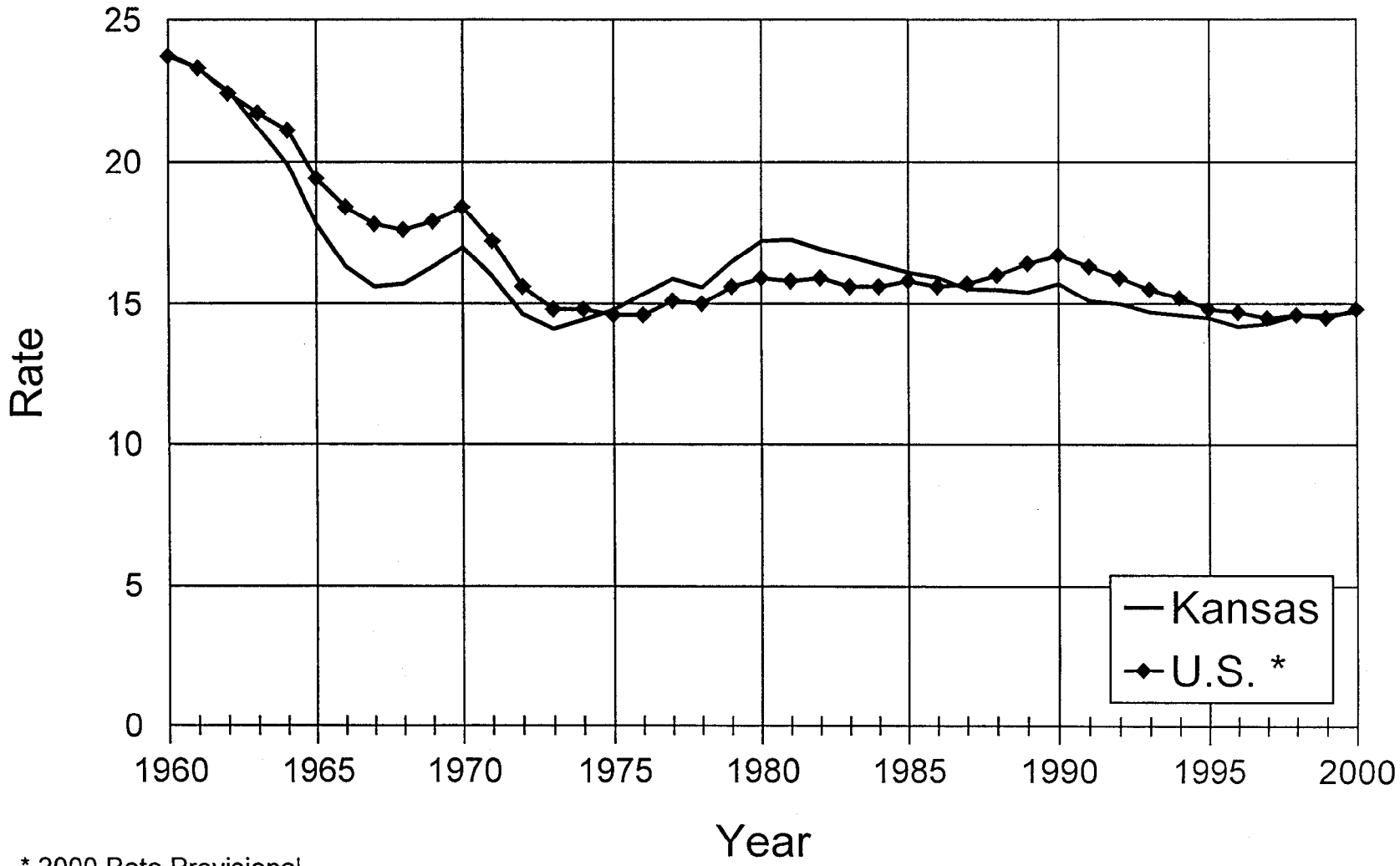
Table 7
Birth And Fertility Rates
Kansas And The United States, 1960-2000

Year	Birth Rates*		Fertility Rates**	
	Kansas	U.S.	Kansas	U.S.
1960	23.8	23.7	124.8	118.0
1961	23.3	23.3	123.2	117.1
1962	22.5	22.4	118.5	112.0
1963	21.2	21.7	111.4	108.3
1964	19.9	21.1	104.0	104.7
1965	17.8	19.4	93.3	96.3
1966	16.3	18.4	84.9	90.8
1967	15.6	17.8	80.8	87.2
1968	15.7	17.6	80.8	85.2
1969	16.3	17.9	82.9	86.1
1970	17.0	18.4	84.5	87.9
1971	16.0	17.2	78.9	81.6
1972	14.6	15.6	70.7	73.1
1973	14.1	14.8	66.8	68.8
1974	14.4	14.8	67.4	67.8
1975	14.8	14.6	68.4	66.0
1976	15.3	14.6	69.8	65.0
1977	15.9	15.1	71.5	66.8
1978	15.6	15.0	69.8	65.5
1979	16.5	15.6	73.9	67.2
1980	17.2	15.9	76.8	68.4
1981	17.3	15.8	76.6	67.3
1982	16.9	15.9	74.9	67.3
1983	16.6	15.6	73.4	65.7
1984	16.4	15.6	72.0	65.5
1985	16.1	15.8	70.8	66.3
1986	15.9	15.6	69.7	65.4
1987	15.5	15.7	68.0	65.8
1988	15.5	16.0	68.2	67.3
1989	15.4	16.4	68.0	69.2
1990	15.7	16.7	70.1	70.9
1991	15.1	16.3	67.6	69.6
1992	15.0	15.9	67.6	68.9
1993	14.7	15.5	66.9	67.6
1994	14.6	15.2	66.5	66.7
1995	14.5	14.8	65.9	65.6
1996	14.2	14.7	64.8	65.3
1997	14.3	14.5	65.6	65.0
1998	14.6	14.6	67.0	65.6
1999	14.6	14.5	67.4	65.9
2000	14.7	14.8 ***	69.1	67.6***

*Rate per 1,000 population
**Rate per 1,000 female 15-44 population
***Provisional
Residence data

Birth Rates

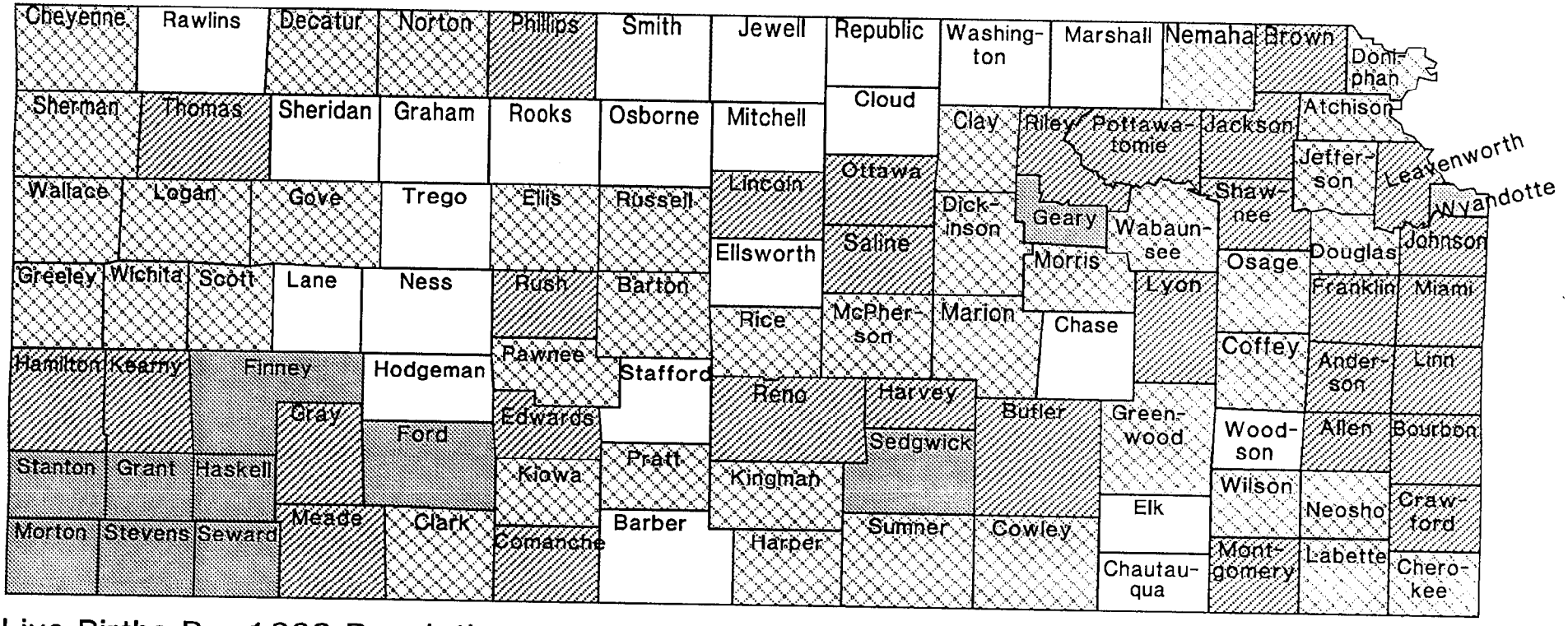
Kansas and the U.S., 1960-2000



* 2000 Rate Provisional
Residence Data

Figure 10

Live Birth Rates
By County Of Residence
Kansas, 2000



Live Births Per 1,000 Population

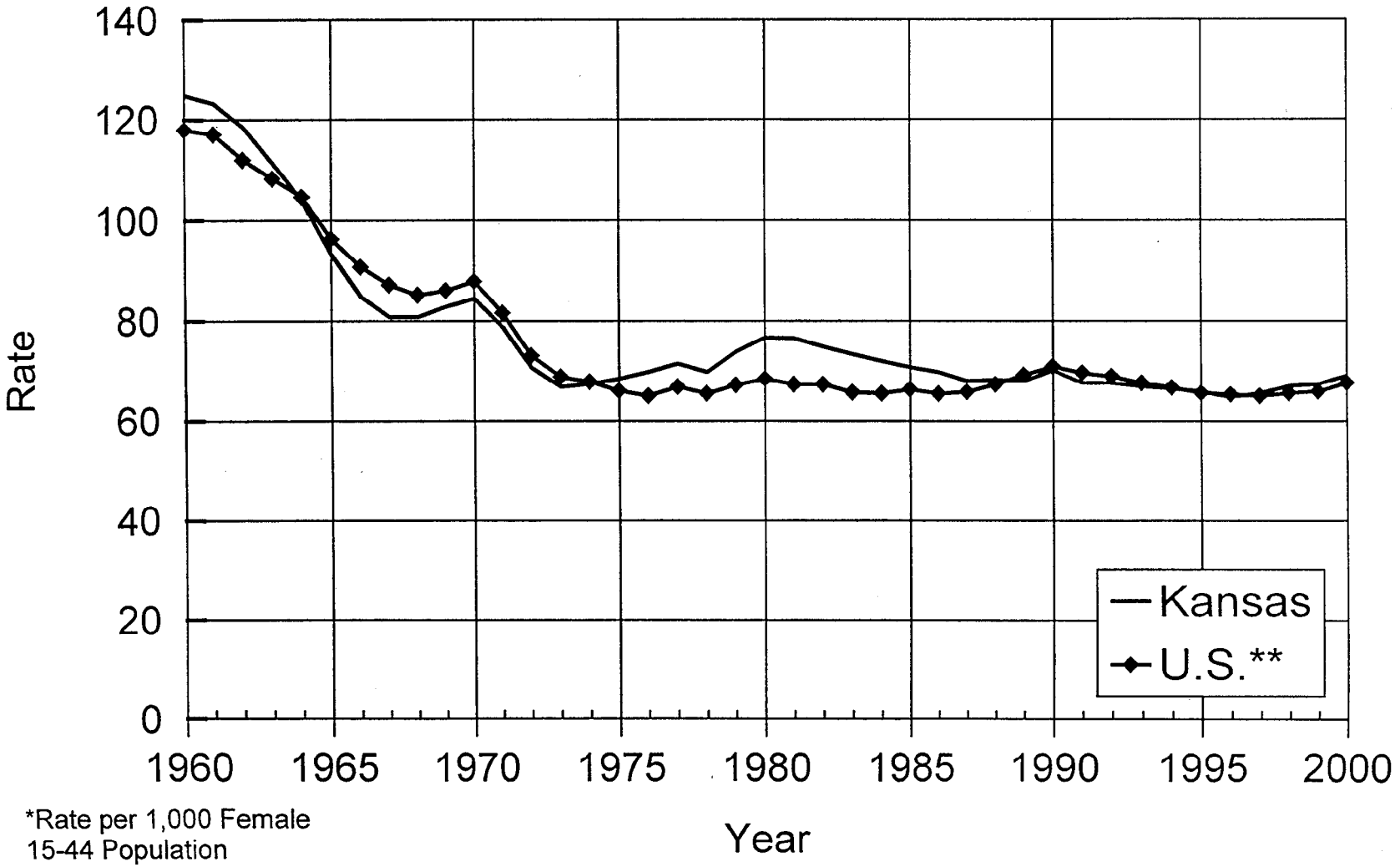
State Rate: 14.7

Legend
Under 10.0
10.0 to 12.9
13.0 to 16.9
17.0 and over

Figure 11

Fertility Rates*

Kansas and the U.S., 1960-2000

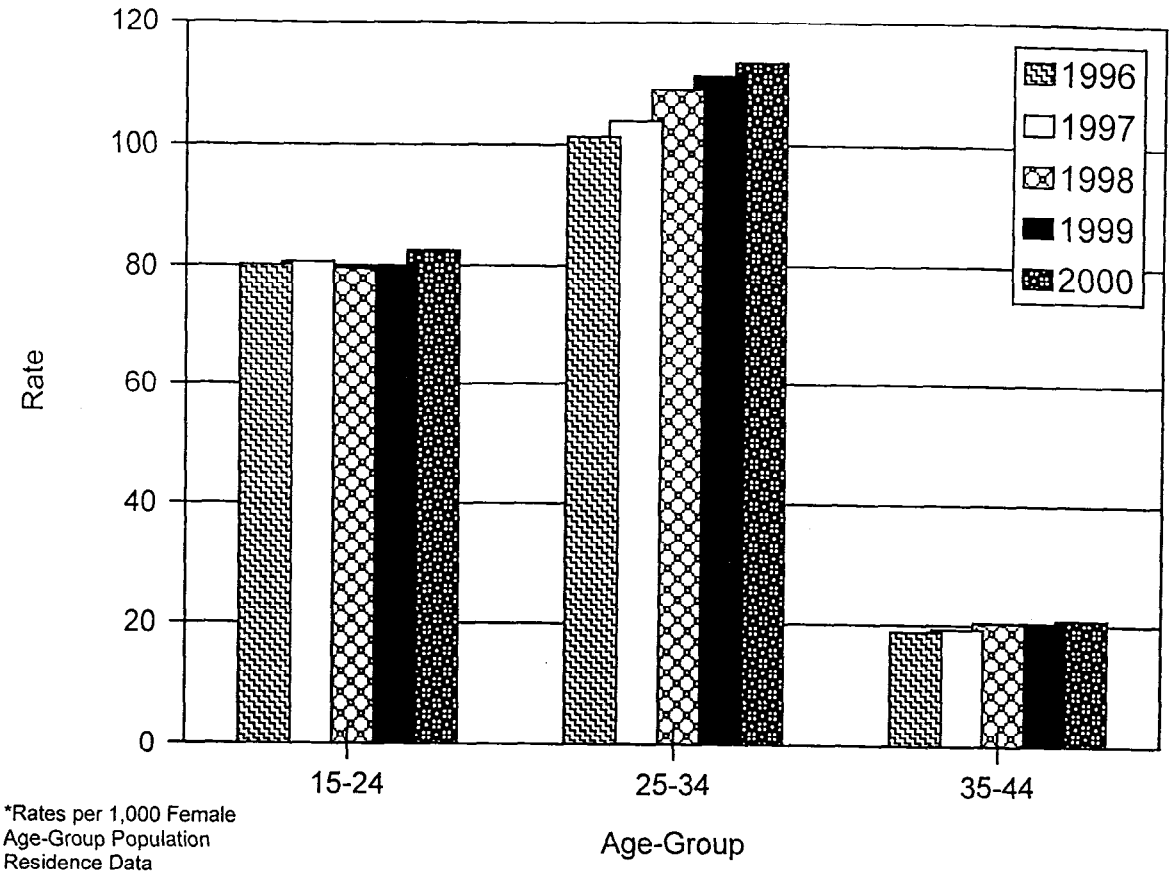


*Rate per 1,000 Female 15-44 Population
** 2000 Rate Provisional Residence Data

Figure 12

Age-Specific Fertility Rates *

Kansas, 1996-2000



*Rates per 1,000 Female Age-Group Population Residence Data

Figure 13

Table 8
Age-Specific Fertility Rates*
By Age-Group Of Mother
Kansas, 1990-2000

Age-Group	Year											Percent Change 1990-2000
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
15-24	90.9	89.0	88.9	87.8	85.3	83.8	80.1	80.6	79.5	80.0	82.5	-9.2
25-34	99.1	96.8	98.2	97.5	99.8	100.8	101.3	103.8	108.8	111.2	113.3	14.3
35-44	16.4	16.4	16.8	17.4	18.5	18.5	18.9	19.3	20.4	20.4	20.8	26.8

*Rate per 1,000 female age-group population

Table 9
Live Births By Age-Group Of Mother By Age-Group Of Father
Kansas, 2000

Age-Group of Father	Total	Age-Group of Mother									
		Under 18	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Total	39,654	1,433	56	4,706	11,213	10,926	8,337	3,628	743	41	4
Under 18	336	214	11	303	21	1	-	-	-	-	-
10-14	2	2	-	2	-	-	-	-	-	-	-
15-19	1,636	586	17	1,257	327	26	7	1	1	-	-
20-24	7,325	320	4	1,824	4,604	755	109	23	5	1	-
25-29	9,911	46	-	374	3,337	5,067	992	127	13	1	-
30-34	9,150	13	-	63	919	3,324	4,116	656	70	2	-
35-39	5,077	2	-	19	287	807	2,145	1,633	180	6	-
40-44	1,868	1	-	9	78	241	495	746	291	8	-
45 & OVER	715	-	-	3	32	74	153	279	152	22	-
N.S.	3,970	463	35	1,155	1,629	632	320	163	31	1	4

Residence data

Table 10
Live Births By Age-Group Of Mother
By County Of Residence
Kansas, 2000

County of Residence	Total	Age-Group of Mother								
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Kansas	39,654	56	4,706	11,213	10,926	8,337	3,628	743	41	4
Allen	198	1	32	81	35	36	11	2	-	-
Anderson	111	-	16	32	30	16	17	-	-	-
Atchison	209	1	29	73	49	36	17	3	1	-
Barber	40	-	3	11	15	9	2	-	-	-
Barton	343	1	48	114	87	56	29	8	-	-
Bourbon	206	-	30	76	50	29	16	5	-	-
Brown	147	-	25	49	31	31	9	2	-	-
Butler	775	1	83	222	229	160	70	10	-	-
Chase	29	-	5	8	10	4	2	-	-	-
Chautauqua	39	-	9	11	6	11	2	-	-	-
Cherokee	279	-	40	100	81	36	21	1	-	-
Cheyenne	38	-	2	8	12	13	1	2	-	-
Clark	30	-	2	9	10	7	1	1	-	-
Clay	97	-	12	33	25	19	5	3	-	-
Cloud	102	-	17	30	28	19	7	1	-	-
Coffey	109	-	11	33	33	20	10	2	-	-
Comanche	26	-	1	6	7	6	6	-	-	-
Cowley	457	-	74	157	123	69	27	7	-	-
Crawford	580	-	75	190	172	100	38	4	1	-
Decatur	36	-	4	7	11	11	3	-	-	-
Dickinson	232	-	25	76	76	40	13	2	-	-
Doniphan	96	-	15	34	24	14	8	1	-	-
Douglas	1,182	-	96	304	352	274	125	31	-	-
Edwards	53	-	14	11	13	10	5	-	-	-
Elk	32	-	9	10	5	5	2	1	-	-
Ellis	334	1	40	108	87	68	25	4	1	-
Ellsworth	43	-	3	13	10	11	5	1	-	-
Finney	921	5	150	299	234	160	59	14	-	-
Ford	655	2	94	229	172	113	37	8	-	-
Franklin	353	1	56	117	83	68	24	4	-	-
Geary	565	-	92	239	137	73	20	4	-	-
Gove	37	-	4	7	11	10	5	-	-	-
Graham	23	-	4	7	6	3	3	-	-	-
Grant	138	-	26	45	37	23	5	2	-	-
Gray	98	-	10	19	38	24	5	2	-	-
Greeley	19	-	4	7	3	2	2	-	1	-
Greenwood	94	-	13	31	21	13	14	2	-	-
Hamilton	45	-	6	13	16	5	5	-	-	-
Harper	69	-	7	25	16	14	6	1	-	-
Harvey	447	-	51	132	136	83	37	8	-	-
Haskell	81	-	14	25	29	5	5	3	-	-
Hodgeman	15	-	2	1	6	3	2	1	-	-
Jackson	164	-	13	55	47	34	11	4	-	-
Jefferson	192	-	23	40	52	48	24	5	-	-
Jewell	19	-	4	5	4	4	2	-	-	-
Johnson	6,989	1	303	999	2,016	2,360	1,100	193	15	2
Kearny	70	-	14	31	15	10	-	-	-	-
Kingman	101	-	15	23	23	24	12	3	1	-
Kiowa	34	-	1	10	10	9	3	1	-	-
Labette	256	-	37	102	66	36	14	1	-	-
Lane	16	-	2	5	4	5	-	-	-	-
Leavenworth	891	-	94	260	230	180	105	21	1	-
Lincoln	48	-	4	14	17	10	2	1	-	-
Linn	126	-	20	42	40	16	8	-	-	-
Logan	38	-	-	14	12	7	5	-	-	-

Table 10
Live Births By Age-Group Of Mother
By County Of Residence
Kansas, 2000

County of Residence	Total	Age-Group of Mother							
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Lyon	540	1	71	185	153	83	41	5	1	-
Marion	141	-	14	32	43	32	15	5	-	-
Marshall	106	-	12	37	25	24	7	1	-	-
McPherson	346	-	48	105	93	61	33	6	-	-
Meade	77	-	7	22	26	13	5	4	-	-
Miami	377	-	47	101	98	82	43	5	1	-
Mitchell	61	-	7	16	18	12	7	1	-	-
Montgomery	482	2	90	158	111	88	22	11	-	-
Morris	69	-	8	21	21	13	3	3	-	-
Morton	62	1	8	17	19	13	2	2	-	-
Nemaha	136	-	17	28	38	37	14	2	-	-
Neosho	216	-	26	74	63	33	16	4	-	-
Ness	31	-	4	9	13	3	1	1	-	-
Norton	72	-	4	31	19	11	6	1	-	-
Osage	192	-	24	59	50	32	22	5	-	-
Osborne	35	-	6	11	6	6	5	1	-	-
Ottawa	80	-	6	15	34	14	9	2	-	-
Pawnee	77	1	11	22	21	16	4	2	-	-
Phillips	88	-	9	26	31	15	7	-	-	-
Pottawatomie	264	-	25	70	59	60	36	13	1	-
Pratt	118	-	11	38	33	20	11	3	2	-
Rawlins	26	-	1	8	6	5	5	1	-	-
Reno	886	1	117	314	221	149	67	16	1	-
Republic	47	-	3	13	21	6	4	-	-	-
Rice	127	1	20	41	33	20	8	4	-	-
Riley	901	1	64	327	300	154	46	9	-	-
Rooks	53	-	5	14	16	9	8	-	1	-
Rush	46	-	8	11	13	10	3	1	-	-
Russell	80	-	13	24	16	14	11	2	-	-
Saline	752	2	98	240	197	160	46	9	-	-
Scott	61	-	10	19	17	7	6	1	1	-
Sedgwick	7,838	14	1,004	2,348	2,174	1,505	643	142	6	2
Seward	534	1	96	158	165	82	26	6	-	-
Shawnee	2,463	6	336	708	671	491	202	47	2	-
Sheridan	23	-	1	5	8	7	2	-	-	-
Sherman	82	-	11	29	22	12	7	-	1	-
Smith	34	-	4	9	8	7	3	2	1	-
Stafford	46	-	5	11	18	6	4	2	-	-
Stanton	44	-	4	11	13	13	1	2	-	-
Stevens	98	-	23	27	22	15	11	-	-	-
Sumner	324	-	52	105	79	58	24	6	-	-
Thomas	106	-	16	34	34	13	6	3	-	-
Trego	32	-	5	12	7	5	3	-	-	-
Wabaunsee	79	-	6	20	27	12	10	4	-	-
Wallace	22	-	2	8	3	5	1	3	-	-
Washington	62	-	7	9	25	12	6	3	-	-
Wichita	27	-	3	9	9	5	1	-	-	-
Wilson	124	-	22	46	23	23	8	2	-	-
Woodson	31	-	7	10	6	6	1	1	-	-
Wyandotte	2,809	11	525	964	706	406	164	31	2	-

Table 11
Live Births By Weeks Gestation
By County Of Residence
Kansas, 2000

County of Residence	Total	Weeks Gestation								
		19 & Under	20-22	23-27	28-31	32-35	36	37-41	42 & Over	N.S.
Kansas	39,654	16	53	195	347	1,450	1,417	35,494	613	69
Allen	198	-	-	-	1	2	8	187	-	-
Anderson	111	-	-	-	3	2	2	102	2	-
Atchison	209	-	2	2	1	10	10	181	3	-
Barber	40	-	-	-	3	-	-	37	-	-
Barton	343	-	-	-	6	11	12	311	3	-
Bourbon	206	1	-	2	1	5	13	184	-	-
Brown	147	-	-	2	1	2	2	139	1	-
Butler	775	1	-	4	11	16	28	693	20	2
Chase	29	-	-	-	-	3	-	25	1	-
Chautauqua	39	-	-	1	1	-	1	35	1	-
Cherokee	279	-	-	1	1	18	9	250	-	-
Cheyenne	38	-	-	-	-	1	2	33	2	-
Clark	30	-	-	-	-	-	-	29	1	-
Clay	97	-	-	-	3	3	3	87	1	-
Cloud	102	-	1	-	2	-	4	95	-	-
Coffey	109	-	-	-	3	6	3	96	1	-
Comanche	26	-	-	-	-	-	-	24	1	1
Cowley	457	-	1	-	5	19	12	405	14	1
Crawford	580	-	1	5	10	31	26	502	4	1
Decatur	36	-	-	-	-	1	2	33	-	-
Dickinson	232	-	-	3	-	8	11	208	2	-
Doniphan	96	-	-	-	-	-	1	94	1	-
Douglas	1,182	1	1	4	4	51	51	1,056	10	4
Edwards	53	-	-	-	-	3	2	48	-	-
Elk	32	-	3	-	-	-	-	28	1	-
Ellis	334	-	-	3	3	10	12	302	4	-
Ellsworth	43	-	2	-	-	1	4	36	-	-
Finney	921	-	3	3	6	41	32	816	18	2
Ford	655	-	-	3	4	21	28	579	18	2
Franklin	353	-	-	1	3	16	12	312	9	-
Geary	565	-	-	4	8	24	33	480	15	1
Gove	37	-	-	-	-	3	1	32	1	-
Graham	23	-	-	-	-	-	1	21	-	1
Grant	138	-	-	1	-	1	3	131	2	-
Gray	98	-	-	-	2	4	1	89	2	-
Greeley	19	-	-	-	-	-	-	19	-	-
Greenwood	94	-	-	-	2	1	1	87	3	-
Hamilton	45	-	-	-	-	3	2	40	-	-
Harper	69	-	-	-	2	4	-	56	7	-
Harvey	447	1	-	-	2	16	19	403	6	-
Haskell	81	-	-	-	-	3	4	68	6	-
Hodgeman	15	-	-	-	2	-	-	11	2	-
Jackson	164	-	-	-	1	4	5	154	-	-
Jefferson	192	-	-	-	2	4	4	181	1	-
Jewell	19	-	-	-	-	-	-	17	2	-
Johnson	6,989	-	10	25	53	253	223	6,358	66	1
Kearny	70	-	-	2	-	-	2	63	3	-
Kingman	101	-	1	-	-	2	-	97	1	-
Kiowa	34	-	-	-	-	-	3	30	1	-
Labette	256	-	-	1	1	16	20	214	4	-
Lane	16	-	-	-	-	-	1	15	-	-
Leavenworth	891	-	2	2	7	36	23	809	12	-
Lincoln	48	-	-	-	-	2	3	43	-	-
Linn	126	-	-	-	1	3	5	115	2	-
Logan	38	-	-	-	-	2	2	34	-	-

Table 11
Live Births By Weeks Gestation
By County Of Residence
Kansas, 2000

County of Residence	Total	Weeks Gestation								
		19 & Under	20-22	23-27	28-31	32-35	36	37-41	42 & Over	N.S.
Lyon	540	-	-	1	7	16	12	497	6	1
Marion	141	-	-	1	2	2	3	128	5	-
Marshall	106	-	-	1	-	3	10	90	2	-
McPherson	346	-	-	4	4	8	11	317	2	-
Meade	77	-	-	-	-	4	1	69	3	-
Miami	377	-	1	5	3	12	10	344	2	-
Mitchell	61	-	-	-	-	-	2	59	-	-
Montgomery	482	-	-	6	4	27	21	416	6	2
Morris	69	-	-	1	-	-	-	68	-	-
Morton	62	-	-	1	-	2	3	54	1	1
Nemaha	136	-	-	2	-	4	3	125	1	1
Neosho	216	-	2	1	1	14	12	181	5	-
Ness	31	-	-	-	-	2	-	29	-	-
Norton	72	-	-	-	-	3	6	59	4	-
Osage	192	1	-	1	2	6	10	171	1	-
Osborne	35	-	-	-	-	-	1	34	-	-
Ottawa	80	-	-	-	-	1	4	74	1	-
Pawnee	77	-	-	-	1	2	1	72	1	-
Phillips	88	-	-	-	1	2	3	82	-	-
Pottawatomie	264	-	1	-	4	6	14	234	4	1
Pratt	118	-	-	-	1	7	4	104	2	-
Rawlins	26	-	-	-	-	-	2	22	2	-
Reno	886	-	2	4	8	43	36	784	9	-
Republic	47	-	-	-	-	6	2	39	-	-
Rice	127	-	-	1	-	3	8	114	1	-
Riley	901	2	-	1	1	26	28	831	11	1
Rooks	53	-	-	-	-	4	1	47	1	-
Rush	46	-	-	-	-	1	3	42	-	-
Russell	80	-	-	-	2	3	1	71	2	1
Saline	752	-	1	5	10	24	26	683	3	-
Scott	61	-	-	-	-	4	4	52	-	1
Sedgwick	7,838	7	11	50	77	273	283	6,930	171	36
Seward	534	-	-	2	3	21	17	460	26	5
Shawnee	2,463	2	5	16	23	131	95	2,173	18	-
Sheridan	23	-	-	-	-	-	2	18	2	1
Sherman	82	-	-	-	-	3	5	73	1	-
Smith	34	-	-	1	-	-	1	30	2	-
Stafford	46	-	-	1	-	-	1	42	2	-
Stanton	44	-	-	-	1	1	4	38	-	-
Stevens	98	-	-	1	-	3	5	88	1	-
Sumner	324	-	-	1	1	1	14	295	12	-
Thomas	106	-	-	-	-	1	4	93	8	-
Trego	32	-	-	-	-	3	-	28	1	-
Wabaunsee	79	-	-	-	-	1	3	75	-	-
Wallace	22	-	-	-	1	1	1	19	-	-
Washington	62	-	-	-	2	4	2	53	1	-
Wichita	27	-	-	-	1	2	2	22	-	-
Wilson	124	-	-	1	2	3	5	110	2	1
Woodson	31	-	-	-	-	-	2	29	-	-
Wyandotte	2,809	-	3	18	30	105	83	2,532	37	1

Table 12
Live Births By Month Prenatal Care Began
By County Of Residence
Kansas, 2000

County of Residence	Total	Month Care Began										
		1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	NONE	N.S.
Kansas	39,654	10,777	16,842	6,597	2,169	1,199	689	468	231	101	301	280
Allen	198	66	88	20	12	6	1	2	1	-	1	1
Anderson	111	22	45	24	9	4	1	3	-	1	2	-
Atchison	209	21	109	40	16	11	5	3	1	-	2	1
Barber	40	10	18	7	4	-	-	-	-	-	-	1
Barton	343	39	155	71	27	20	10	7	5	1	3	5
Bourbon	206	105	61	22	11	4	2	-	-	1	-	-
Brown	147	39	59	28	8	8	1	2	-	-	2	-
Butler	775	136	411	143	41	24	8	5	1	1	1	4
Chase	29	11	7	8	1	2	-	-	-	-	-	-
Chautauqua	39	8	15	8	2	5	-	1	-	-	-	-
Cherokee	279	55	125	45	25	8	9	6	2	-	2	2
Cheyenne	38	12	18	3	2	2	1	-	-	-	-	-
Clark	30	6	8	7	-	2	4	1	2	-	-	-
Clay	97	14	58	16	3	3	2	1	-	-	-	-
Cloud	102	18	51	26	4	2	-	-	-	-	1	-
Coffey	109	34	48	19	3	3	1	-	-	-	-	1
Comanche	26	5	10	6	4	-	1	-	-	-	-	-
Cowley	457	68	270	69	24	5	9	4	1	3	2	2
Crawford	580	134	255	114	31	17	13	7	1	-	6	2
Decatur	36	9	11	11	4	1	-	-	-	-	-	-
Dickinson	232	40	122	44	6	10	5	3	-	-	2	-
Doniphan	96	11	49	28	4	2	-	2	-	-	-	-
Douglas	1,182	279	563	177	61	29	23	12	7	1	2	28
Edwards	53	9	11	17	8	5	1	2	-	-	-	-
Elk	32	4	11	9	2	6	-	-	-	-	-	-
Ellis	334	84	165	59	6	8	7	3	1	-	1	-
Ellsworth	43	13	17	10	1	1	-	1	-	-	-	-
Finney	921	33	190	292	167	78	67	37	28	12	13	4
Ford	655	103	168	166	79	45	30	17	21	10	12	4
Franklin	353	94	164	56	13	6	6	4	4	1	1	4
Geary	565	125	234	113	41	27	9	8	4	-	3	1
Gove	37	12	13	6	1	1	4	-	-	-	-	-
Graham	23	6	13	3	-	-	-	-	-	-	1	-
Grant	138	11	60	32	12	14	5	3	1	-	-	-
Gray	98	9	35	33	6	3	7	1	3	-	1	-
Greeley	19	-	7	5	5	1	-	1	-	-	-	-
Greenwood	94	18	41	19	5	4	1	3	2	-	-	1
Hamilton	45	5	18	11	7	1	2	1	-	-	-	-
Harper	69	6	34	14	9	1	-	3	-	1	1	-
Harvey	447	39	191	139	37	19	7	6	2	-	4	3
Haskell	81	9	27	17	7	9	3	5	1	1	2	-
Hodgeman	15	1	8	2	1	3	-	-	-	-	-	-
Jackson	164	69	62	19	4	3	2	3	1	-	1	-
Jefferson	192	70	75	22	11	6	1	-	1	1	1	4
Jewell	19	-	12	5	1	1	-	-	-	-	-	-
Johnson	6,989	3,298	2,720	601	150	79	45	42	13	11	14	16
Kearny	70	8	30	18	3	4	3	1	-	3	-	-
Kingman	101	17	51	20	9	2	1	-	-	-	1	-
Kiowa	34	8	9	8	3	1	-	2	1	-	2	-
Labette	256	41	137	48	14	6	3	1	3	-	2	1
Lane	16	3	7	4	1	-	-	1	-	-	-	-
Leavenworth	891	316	380	105	32	17	16	5	5	5	8	2
Lincoln	48	14	18	10	1	2	2	1	-	-	-	-
Linn	126	56	50	15	2	2	-	-	-	-	-	1
Logan	38	9	16	7	3	1	1	-	-	1	-	-

Table 12
Live Births By Month Prenatal Care Began
By County Of Residence
Kansas, 2000

County of Residence	Total	Month Care Began										
		1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	NONE	N.S.
Lyon	540	108	228	95	31	21	17	14	10	2	3	11
Marion	141	22	64	37	8	5	1	2	-	-	2	-
Marshall	106	11	64	27	2	1	-	1	-	-	-	-
McPherson	346	51	169	81	23	11	4	4	-	-	3	-
Meade	77	8	33	20	7	5	2	1	1	-	-	-
Miami	377	133	173	40	18	5	1	2	3	-	1	1
Mitchell	61	3	42	10	3	-	1	-	-	1	1	-
Montgomery	482	121	180	93	43	19	10	6	3	-	4	3
Morris	69	11	29	20	5	1	1	1	1	-	-	-
Morton	62	6	26	10	8	1	3	-	3	1	3	1
Nemaha	136	47	48	26	9	1	1	1	-	-	1	2
Neosho	216	65	94	26	14	8	5	2	1	1	-	-
Ness	31	7	18	3	1	2	-	-	-	-	-	-
Norton	72	22	30	15	3	1	-	-	-	-	1	-
Osage	192	95	60	23	6	5	1	-	2	-	-	-
Osborne	35	6	17	5	2	2	-	-	1	-	2	-
Ottawa	80	18	34	22	1	1	2	1	-	-	-	1
Pawnee	77	12	36	18	5	2	1	1	2	-	-	-
Phillips	88	18	43	21	1	1	3	-	1	-	-	-
Pottawatomie	264	57	114	66	10	10	3	2	1	-	1	-
Pratt	118	24	32	39	10	8	2	2	-	-	1	-
Rawlins	26	5	15	4	-	-	-	2	-	-	-	-
Reno	886	172	366	234	61	21	10	10	2	2	7	1
Republic	47	2	36	6	1	2	-	-	-	-	-	-
Rice	127	15	54	35	9	6	2	2	1	-	1	2
Riley	901	209	385	218	54	22	6	3	-	2	2	-
Rooks	53	7	28	11	6	1	-	-	-	-	-	-
Rush	46	13	16	8	5	4	-	-	-	-	-	-
Russell	80	11	45	18	2	1	1	-	1	-	1	-
Saline	752	234	298	149	43	12	3	5	3	-	4	1
Scott	61	3	31	13	6	3	2	1	-	-	2	-
Sedgwick	7,838	1,284	4,143	1,369	378	236	135	75	30	11	47	130
Seward	534	81	152	79	66	37	30	23	19	5	27	15
Shawnee	2,463	1,285	675	265	107	48	18	23	3	3	32	4
Sheridan	23	5	10	6	1	-	-	-	-	-	1	-
Sherman	82	28	31	13	4	2	2	1	-	-	1	-
Smith	34	6	22	4	1	1	-	-	-	-	-	-
Stafford	46	3	26	9	4	1	2	-	-	-	1	-
Stanton	44	3	21	10	7	1	2	-	-	-	-	-
Stevens	98	13	28	22	13	6	4	3	2	1	3	3
Sumner	324	51	171	74	14	4	-	3	-	2	3	2
Thomas	106	38	41	18	2	2	3	1	-	-	1	-
Trego	32	11	14	6	1	-	-	-	-	-	-	-
Wabaunsee	79	38	25	10	1	2	2	-	-	1	-	-
Wallace	22	2	6	9	2	2	1	-	-	-	-	-
Washington	62	6	32	13	4	2	3	-	2	-	-	-
Wichita	27	3	9	7	2	2	3	-	1	-	-	-
Wilson	124	31	50	22	7	5	4	2	1	-	2	-
Woodson	31	12	12	3	2	2	-	-	-	-	-	-
Wyandotte	2,809	729	1,036	444	213	140	79	64	25	15	49	15

Table 13
Adequacy of Prenatal Care Utilization (APNCU) Index*
By County Of Residence
Kansas, 2000

County of Residence	Live Births	APNCU Category**								Not Stated
		Adequate Plus		Adequate		Intermediate		Inadequate		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Kansas	39,654	9,837	25.1	22,085	56.5	3,797	9.7	3,400	8.7	535
Allen	198	64	32.7	97	49.5	23	11.7	12	6.1	2
Anderson	111	28	25.2	50	45.1	19	17.1	14	12.6	-
Atchison	209	65	31.5	103	50.0	16	7.8	22	10.7	3
Barber	40	7	17.9	29	74.4	1	2.6	2	5.1	1
Barton	343	94	28.0	156	46.4	39	11.6	47	14.0	7
Bourbon	206	112	54.4	78	37.8	8	3.9	8	3.9	-
Brown	147	34	23.9	83	58.4	12	8.5	13	9.2	5
Butler	775	127	16.5	543	70.4	51	6.6	50	6.5	4
Chase	29	6	21.4	17	60.7	2	7.2	3	10.7	1
Chautauqua	39	11	29.0	14	36.8	6	15.8	7	18.4	1
Cherokee	279	65	23.5	156	56.5	25	9.1	30	10.9	3
Cheyenne	38	7	18.4	20	52.6	8	21.1	3	7.9	-
Clark	30	10	33.3	10	33.3	1	3.4	9	30.0	-
Clay	97	24	24.7	54	55.7	13	13.4	6	6.2	-
Cloud	102	26	25.5	62	60.8	11	10.8	3	2.9	-
Coffey	109	28	25.9	63	58.3	11	10.2	6	5.6	1
Comanche	26	8	30.8	14	53.9	3	11.5	1	3.8	-
Cowley	457	137	30.1	262	57.6	30	6.6	26	5.7	2
Crawford	580	200	34.7	276	47.8	54	9.4	47	8.1	3
Decatur	36	9	25.0	23	63.9	3	8.3	1	2.8	-
Dickinson	232	77	33.2	120	51.7	14	6.0	21	9.1	-
Doniphan	96	15	15.6	70	72.9	7	7.3	4	4.2	-
Douglas	1,182	362	33.3	544	50.0	102	9.4	80	7.3	94
Edwards	53	16	30.2	22	41.5	7	13.2	8	15.1	-
Elk	32	6	18.8	17	53.1	3	9.3	6	18.8	-
Ellis	334	90	26.9	186	55.7	37	11.1	21	6.3	-
Ellsworth	43	13	30.2	27	62.8	1	2.3	2	4.7	-
Finney	921	183	20.0	306	33.4	157	17.1	271	29.5	4
Ford	655	158	24.6	241	37.5	88	13.7	156	24.2	12
Franklin	353	98	28.6	190	55.4	31	9.0	24	7.0	10
Geary	565	145	25.7	270	47.8	86	15.2	64	11.3	-
Gove	37	8	21.6	20	54.1	4	10.8	5	13.5	-
Graham	23	3	13.0	17	73.9	1	4.4	2	8.7	-
Grant	138	28	20.4	63	46.0	23	16.8	23	16.8	1
Gray	98	20	20.4	46	46.9	14	14.3	18	18.4	-
Greeley	19	4	21.1	11	57.9	2	10.5	2	10.5	-
Greenwood	94	22	23.7	51	54.8	8	8.6	12	12.9	1
Hamilton	45	16	35.5	18	40.0	7	15.6	4	8.9	-
Harper	69	2	2.9	49	71.0	11	15.9	7	10.2	-
Harvey	447	147	33.1	233	52.5	24	5.4	40	9.0	3
Haskell	81	9	11.2	34	42.5	17	21.3	20	25.0	1
Hodgeman	15	6	40.0	5	33.3	-	-	4	26.7	-
Jackson	164	55	34.2	80	49.7	15	9.3	11	6.8	3
Jefferson	192	65	35.1	85	46.0	23	12.4	12	6.5	7
Jewell	19	3	15.8	12	63.1	3	15.8	1	5.3	-
Johnson	6,989	2,053	29.6	4,233	61.2	393	5.7	241	3.5	69
Kearny	70	21	30.4	27	39.1	11	16.0	10	14.5	1
Kingman	101	15	14.8	68	67.3	13	12.9	5	5.0	-
Kiowa	34	7	20.6	17	50.0	4	11.8	6	17.6	-
Labette	256	104	40.9	112	44.1	22	8.7	16	6.3	2
Lane	16	4	25.0	6	37.5	5	31.2	1	6.3	-
Leavenworth	891	309	34.8	440	49.6	78	8.8	60	6.8	4
Lincoln	48	8	17.0	31	66.0	2	4.2	6	12.8	1
Linn	126	37	29.8	74	59.7	10	8.1	3	2.4	2
Logan	38	12	31.6	21	55.2	2	5.3	3	7.9	-

Table 13
Adequacy of Prenatal Care Utilization (APNCU) Index*
By County Of Residence
Kansas, 2000

County of Residence	Live Births	APNCU Category**								Not Stated
		Adequate Plus		Adequate		Intermediate		Inadequate		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Lyon	540	121	22.9	240	45.4	80	15.1	88	16.6	11
Marion	141	45	31.9	71	50.4	14	9.9	11	7.8	-
Marshall	106	30	29.4	53	51.9	17	16.7	2	2.0	4
McPherson	346	74	21.4	221	63.9	29	8.4	22	6.3	-
Meade	77	10	13.0	41	53.2	15	19.5	11	14.3	-
Miami	377	112	29.9	211	56.4	32	8.6	19	5.1	3
Mitchell	61	8	13.1	43	70.5	6	9.8	4	6.6	-
Montgomery	482	168	35.6	220	46.6	38	8.1	46	9.7	10
Morris	69	17	24.6	34	49.3	14	20.3	4	5.8	-
Morton	62	4	6.9	28	48.3	15	25.8	11	19.0	4
Nemaha	136	27	21.1	77	60.2	20	15.6	4	3.1	8
Neosho	216	77	35.7	107	49.5	14	6.5	18	8.3	-
Ness	31	5	16.1	18	58.1	6	19.3	2	6.5	-
Norton	72	23	31.9	36	50.0	11	15.3	2	2.8	-
Osage	192	59	30.8	106	55.2	16	8.3	11	5.7	-
Osborne	35	5	14.3	22	62.8	3	8.6	5	14.3	-
Ottawa	80	9	11.5	60	76.9	2	2.6	7	9.0	2
Pawnee	77	12	15.8	44	57.9	13	17.1	7	9.2	1
Phillips	88	19	21.6	55	62.5	9	10.2	5	5.7	-
Pottawatomie	264	70	27.0	129	49.8	39	15.1	21	8.1	5
Pratt	118	19	16.2	71	60.7	13	11.1	14	12.0	1
Rawlins	26	5	19.2	16	61.6	3	11.5	2	7.7	-
Reno	886	193	21.8	486	55.0	146	16.5	59	6.7	2
Republic	47	13	27.7	27	57.4	4	8.5	3	6.4	-
Rice	127	20	16.0	69	55.2	23	18.4	13	10.4	2
Riley	901	190	21.1	476	53.0	181	20.1	52	5.8	2
Rooks	53	14	26.4	30	56.6	8	15.1	1	1.9	-
Rush	46	10	21.8	29	63.0	3	6.5	4	8.7	-
Russell	80	23	28.8	36	45.0	17	21.2	4	5.0	-
Saline	752	143	19.1	522	69.5	55	7.3	31	4.1	1
Scott	61	17	27.9	29	47.5	6	9.8	9	14.8	-
Sedgwick	7,838	1,115	14.5	5,267	68.5	723	9.4	581	7.6	152
Seward	534	47	9.3	195	38.5	98	19.4	166	32.8	28
Shawnee	2,463	874	35.7	1,263	51.5	165	6.7	149	6.1	12
Sheridan	23	5	22.7	14	63.7	3	13.6	-	-	1
Sherman	82	23	28.7	46	57.5	6	7.5	5	6.2	2
Smith	34	16	47.1	15	44.1	2	5.9	1	2.9	-
Stafford	46	10	21.7	27	58.7	5	10.9	4	8.7	-
Stanton	44	15	34.1	20	45.4	5	11.4	4	9.1	-
Stevens	98	8	8.7	42	45.7	20	21.7	22	23.9	6
Sumner	324	40	12.4	235	73.0	31	9.6	16	5.0	2
Thomas	106	35	33.0	53	50.0	11	10.4	7	6.6	-
Trego	32	12	37.5	15	46.9	5	15.6	-	-	-
Wabaunsee	79	26	32.9	43	54.5	5	6.3	5	6.3	-
Wallace	22	7	31.8	12	54.6	-	-	3	13.6	-
Washington	62	10	16.4	36	59.0	8	13.1	7	11.5	1
Wichita	27	11	40.8	8	29.6	2	7.4	6	22.2	-
Wilson	124	40	32.2	58	46.8	9	7.3	17	13.7	-
Woodson	31	10	32.3	13	41.9	5	16.1	3	9.7	-
Wyandotte	2,809	808	29.0	1,260	45.3	281	10.1	433	15.6	27

*See Technical Notes

**Includes only Kansas resident live births for which number of prenatal visits and month care began were reported on the birth certificate.

Table 14
Live Births By Birth Weight In Grams
By County Of Residence
Kansas, 2000

County of Residence	Total	Birth Weight in Grams											
		Under 500	500 - 999	1000 - 1499	1500 - 1999	2000 - 2499	2500 - 2999	3000 - 3499	3500 - 3999	4000 - 4499	4500 - 4999	5000 & Over	N.S.
Kansas	39,654	73	197	278	533	1,671	6,274	14,503	11,936	3,546	571	72	-
Allen	198	-	1	-	1	8	39	79	55	11	4	-	-
Anderson	111	-	-	4	-	5	23	32	33	11	3	-	-
Atchison	209	3	1	-	4	14	35	78	52	20	2	-	-
Barber	40	-	-	-	3	-	10	16	5	4	2	-	-
Barton	343	-	-	1	10	16	57	132	99	21	6	1	-
Bourbon	206	-	3	-	1	7	35	70	66	21	2	1	-
Brown	147	-	1	2	1	5	24	50	43	16	4	1	-
Butler	775	1	6	8	9	23	115	294	224	84	11	-	-
Chase	29	-	-	-	-	3	3	13	8	2	-	-	-
Chautauqua	39	-	1	1	-	1	3	15	12	6	-	-	-
Cherokee	279	-	-	4	10	15	40	92	82	28	8	-	-
Cheyenne	38	-	-	-	-	1	5	15	13	3	1	-	-
Clark	30	-	-	-	-	-	4	7	18	1	-	-	-
Clay	97	-	-	1	1	2	17	31	38	6	1	-	-
Cloud	102	1	-	2	1	3	23	34	29	8	1	-	-
Coffey	109	-	-	3	3	5	12	42	29	13	1	1	-
Comanche	26	-	-	-	-	3	8	4	6	5	-	-	-
Cowley	457	1	-	2	7	20	67	155	142	52	7	4	-
Crawford	580	2	4	7	13	28	107	215	153	47	4	-	-
Decatur	36	-	-	-	-	1	4	17	10	4	-	-	-
Dickinson	232	1	2	-	1	9	43	83	64	25	4	-	-
Doniphan	96	-	-	-	1	1	16	34	28	13	2	1	-
Douglas	1,182	3	2	5	14	52	171	454	365	105	11	-	-
Edwards	53	-	-	-	2	1	10	18	14	7	1	-	-
Elk	32	3	-	-	-	-	3	11	14	1	-	-	-
Ellis	334	-	2	3	2	13	53	138	94	25	4	-	-
Ellsworth	43	2	-	-	-	5	7	20	8	1	-	-	-
Finney	921	3	2	10	11	34	173	355	267	58	6	2	-
Ford	655	-	6	2	15	28	103	254	172	57	16	2	-
Franklin	353	1	-	4	8	14	56	127	110	29	2	2	-
Geary	565	-	4	2	11	21	111	199	165	50	2	-	-
Gove	37	-	-	-	-	3	6	12	10	6	-	-	-
Graham	23	-	-	-	-	1	5	10	5	2	-	-	-
Grant	138	-	-	1	-	6	25	60	35	8	2	1	-
Gray	98	-	-	2	1	4	16	26	36	9	4	-	-
Greeley	19	-	-	-	-	1	3	9	6	-	-	-	-
Greenwood	94	-	-	2	-	1	18	33	27	10	3	-	-
Hamilton	45	-	-	-	1	-	9	14	19	1	-	1	-
Harper	69	-	-	-	1	3	13	20	21	8	3	-	-
Harvey	447	1	-	5	5	14	65	143	166	42	6	-	-
Haskell	81	-	-	-	2	2	12	28	32	4	1	-	-
Hodgeman	15	-	-	1	-	-	2	5	6	1	-	-	-
Jackson	164	-	-	1	-	7	20	56	58	19	2	1	-
Jefferson	192	-	2	1	2	4	25	75	63	15	4	1	-
Jewell	19	-	-	-	-	-	1	7	10	1	-	-	-
Johnson	6,989	11	32	38	94	250	919	2,469	2,327	724	119	6	-
Kearny	70	-	2	-	-	1	9	29	23	3	2	1	-
Kingman	101	-	1	-	-	5	12	33	34	12	4	-	-
Kiowa	34	-	-	-	-	1	7	15	10	1	-	-	-
Labette	256	-	1	1	4	18	56	89	65	17	5	-	-
Lane	16	-	-	-	-	-	4	6	4	1	1	-	-
Leavenworth	891	1	5	4	10	41	121	341	264	91	12	1	-
Lincoln	48	-	-	-	-	5	7	21	9	6	-	-	-
Linn	126	-	-	1	1	9	17	56	32	9	1	-	-
Logan	38	-	-	-	-	1	5	17	12	3	-	-	-

Table 14
Live Births By Birth Weight In Grams
By County Of Residence
Kansas, 2000

County of Residence	Total	Birth Weight in Grams											
		Under 500	500 - 999	1000 - 1499	1500 - 1999	2000 - 2499	2500 - 2999	3000 - 3499	3500 - 3999	4000 - 4499	4500 - 4999	5000 & Over	N.S.
Lyon	540	-	2	4	9	22	83	177	183	51	7	2	-
Marion	141	-	-	2	-	4	24	43	51	15	2	-	-
Marshall	106	-	-	1	-	5	20	39	27	13	1	-	-
McPherson	346	-	4	2	4	13	57	131	107	24	4	-	-
Meade	77	-	-	-	-	6	10	27	24	8	1	1	-
Miami	377	1	5	-	7	17	49	143	118	34	1	2	-
Mitchell	61	-	-	-	1	1	13	24	15	5	2	-	-
Montgomery	482	2	5	3	6	28	74	199	125	36	4	-	-
Morris	69	-	-	1	-	1	8	31	22	6	-	-	-
Morton	62	-	1	-	-	4	13	20	17	6	-	1	-
Nemaha	136	-	1	2	2	1	16	50	42	19	1	2	-
Neosho	216	1	2	2	3	10	40	82	60	13	2	1	-
Ness	31	-	-	-	1	1	5	14	9	1	-	-	-
Norton	72	-	-	-	1	2	15	30	17	6	1	-	-
Osage	192	1	-	2	2	9	26	71	57	18	6	-	-
Osborne	35	-	-	-	-	2	7	10	14	2	-	-	-
Ottawa	80	-	-	1	2	2	9	29	32	4	1	-	-
Pawnee	77	-	-	1	1	3	15	33	19	5	-	-	-
Phillips	88	-	-	2	-	2	15	37	23	9	-	-	-
Pottawatomie	264	1	-	2	3	7	45	95	84	24	2	1	-
Pratt	118	-	-	1	1	6	28	39	33	9	1	-	-
Rawlins	26	-	-	-	-	2	3	11	7	2	1	-	-
Reno	886	2	3	6	12	48	169	309	265	61	11	-	-
Republic	47	-	-	-	2	5	9	11	16	4	-	-	-
Rice	127	-	-	1	2	5	21	45	45	6	2	-	-
Riley	901	2	1	2	1	22	132	360	280	82	18	1	-
Rooks	53	-	-	-	1	6	11	21	14	-	-	-	-
Rush	46	-	-	-	-	-	7	19	9	11	-	-	-
Russell	80	-	-	1	2	4	13	23	23	12	2	-	-
Saline	752	-	4	9	11	27	119	305	191	77	8	1	-
Scott	61	-	-	1	3	-	19	21	13	3	1	-	-
Sedgwick	7,838	17	55	57	99	365	1,285	2,793	2,360	679	115	13	-
Seward	534	1	1	2	9	19	79	213	145	49	15	1	-
Shawnee	2,463	6	15	15	38	129	384	928	710	190	36	12	-
Sheridan	23	-	-	-	-	1	3	8	9	1	-	1	-
Sherman	82	-	-	-	1	4	18	29	23	6	-	1	-
Smith	34	-	1	-	-	1	5	14	10	2	1	-	-
Stafford	46	-	-	1	-	-	8	17	15	5	-	-	-
Stanton	44	-	-	1	1	3	7	14	12	4	2	-	-
Stevens	98	-	1	-	1	5	14	38	30	7	2	-	-
Sumner	324	-	1	1	-	14	48	114	98	41	7	-	-
Thomas	106	-	-	-	1	5	20	33	38	8	-	1	-
Trego	32	-	-	-	1	2	8	11	8	2	-	-	-
Wabaunsee	79	-	-	-	-	3	14	42	13	5	2	-	-
Wallace	22	1	-	-	1	-	2	12	5	-	1	-	-
Washington	62	-	-	2	-	2	8	25	15	8	2	-	-
Wichita	27	-	-	-	1	1	4	8	12	1	-	-	-
Wilson	124	-	-	3	-	1	21	49	32	15	3	-	-
Woodson	31	-	-	-	-	2	5	16	6	2	-	-	-
Wyandotte	2,809	4	17	32	53	134	512	1,032	761	228	32	4	-

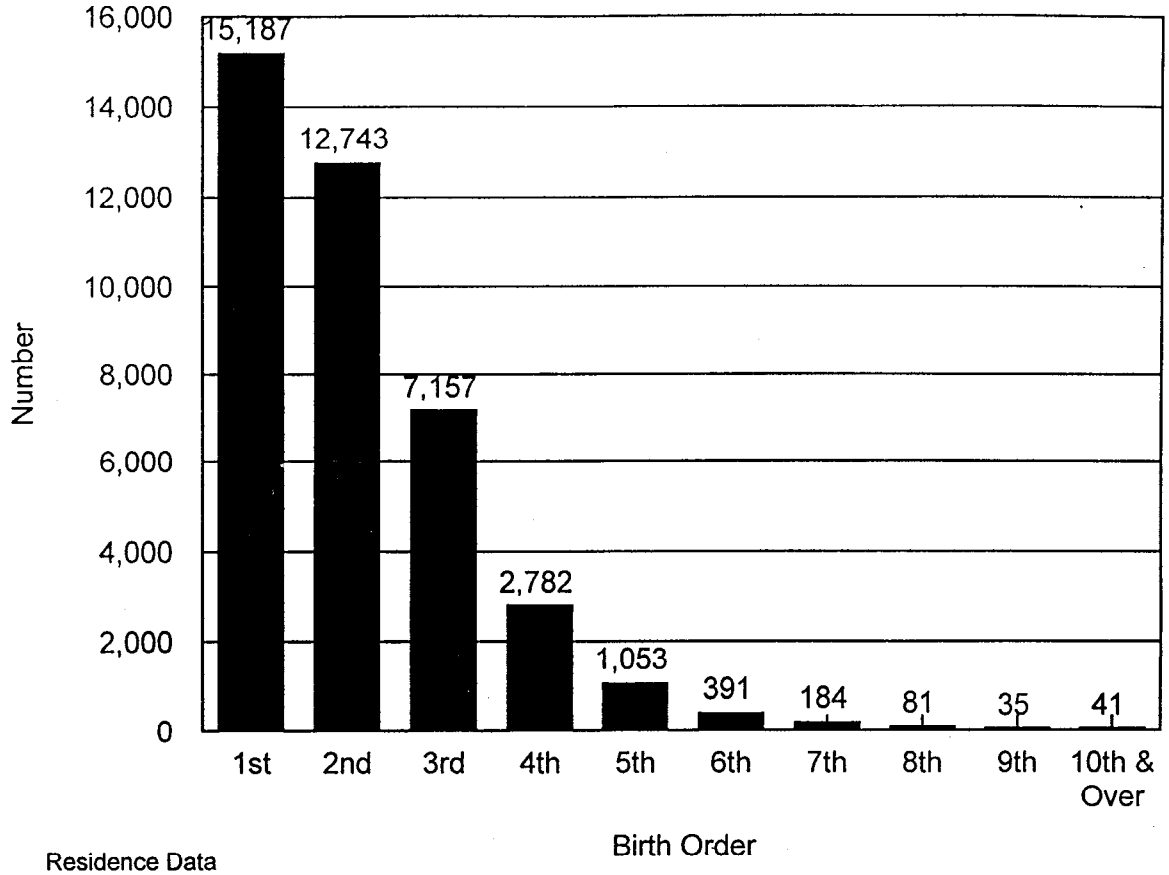
Table 15
Live Births By Age-Group Of Mother By Birth Weight In Grams
Kansas, 2000

Age-Group of Mother	Total	Birth Weight in Grams											
		Under 500	500 - 999	1,000 - 1,499	1,500 - 1,999	2,000 - 2,499	2,500 - 2,999	3,000 - 3,499	3,500 - 3,999	4,000 - 4,499	4,500 - 4,999	5,000 & Over	N.S.
Total	39,654	73	197	278	533	1,671	6,274	14,503	11,936	3,546	571	72	-
10-14	56	-	-	1	5	5	13	20	11	1	-	-	-
15-19	4,706	11	37	58	75	240	957	1,892	1,142	248	40	6	-
20-24	11,213	23	55	88	153	480	1,995	4,239	3,169	874	123	14	-
25-29	10,926	19	53	64	114	410	1,611	3,966	3,488	1,010	171	20	-
30-34	8,337	12	38	37	111	327	1,071	2,898	2,748	938	137	20	-
35-39	3,628	8	13	23	61	172	508	1,224	1,141	390	78	10	-
40-44	743	-	1	6	13	35	112	247	225	81	21	2	-
45 & Over	41	-	-	-	1	2	7	14	12	4	1	-	-
N.S.	4	-	-	1	-	-	-	3	-	-	-	-	-

Residence data

Live Births by Birth Order

Kansas, 2000



Residence Data

Figure 14

Table 16
Live Births By Age-Group Of Mother By Birth Order
Kansas, 2000

Birth Order	Total	Age-Group of Mother									
		Under 18	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Total	39,654	1,433	56	4,706	11,213	10,926	8,337	3,628	743	41	4
First	15,187	1,310	56	3,710	5,058	3,665	1,920	641	129	6	2
Second	12,743	115	-	837	3,961	3,821	2,918	1,016	179	11	-
Third	7,157	8	-	144	1,645	2,232	2,043	934	147	10	2
Fourth	2,782	-	-	14	412	833	882	535	102	4	-
Fifth	1,053	-	-	1	113	257	351	254	71	6	-
Sixth	391	-	-	-	19	75	138	122	36	1	-
Seventh	184	-	-	-	4	34	56	57	33	-	-
Eighth	81	-	-	-	1	5	16	35	23	1	-
Ninth	35	-	-	-	-	4	9	17	5	-	-
Tenth & Over	41	-	-	-	-	-	4	17	18	2	-
N.S.	-	-	-	-	-	-	-	-	-	-	-

Residence data

Table 17
Live Births By Sex Of Infant And Race Of Mother
By County Of Residence
Kansas, 2000

County of Residence	Total	Males					Females				
		White	Black	Other	N.S.	Total	White	Black	Other	N.S	Total
Kansas	39,657*	18,104	1,433	796	44	20,377	17,055	1,425	763	36	19,279
Allen	198	97	-	1	-	98	98	-	1	1	100
Anderson	110	67	-	-	-	67	43	-	-	-	43
Atchison	209	107	6	-	-	113	84	9	3	-	96
Barber	40	20	-	-	-	20	20	-	-	-	20
Barton	343	173	1	1	-	175	165	3	-	-	168
Bourbon	206	104	4	-	-	108	95	2	1	-	98
Brown	147	53	-	12	-	65	68	1	13	-	82
Butler	775	389	4	5	-	398	371	2	4	-	377
Chase	29	10	-	-	-	10	19	-	-	-	19
Chautauqua	39	20	-	2	-	22	17	-	-	-	17
Cherokee	279	122	1	8	-	131	143	2	3	-	148
Cheyenne	38	23	-	-	-	23	13	-	2	-	15
Clark	30	15	-	-	-	15	15	-	-	-	15
Clay	97	55	-	1	-	56	40	1	-	-	41
Cloud	102	53	-	2	-	55	47	-	-	-	47
Coffey	109	66	-	-	-	66	42	-	1	-	43
Comanche	26	15	-	-	-	15	11	-	-	-	11
Cowley	457	236	4	7	-	247	200	2	8	-	210
Crawford	580	288	1	5	-	294	268	10	8	-	286
Decatur	36	17	-	-	-	17	18	-	1	-	19
Dickinson	232	121	1	1	-	123	106	2	-	1	109
Doniphan	96	50	-	-	-	50	45	-	1	-	46
Douglas	1,185	552	26	53	3	634	464	29	57	1	551
Edwards	53	32	-	-	-	32	21	-	-	-	21
Elk	32	14	-	-	-	14	18	-	-	-	18
Ellis	334	176	-	4	-	180	150	3	1	-	154
Ellsworth	43	23	-	-	-	23	20	-	-	-	20
Finney	921	467	2	12	1	482	413	3	20	3	439
Ford	655	353	2	11	-	366	275	4	10	-	289
Franklin	353	179	3	1	-	183	168	-	2	-	170
Geary	565	185	74	11	3	273	202	76	13	1	292
Gove	37	19	-	1	-	20	17	-	-	-	17
Graham	23	11	-	-	-	11	12	-	-	-	12
Grant	138	73	-	2	-	75	62	-	1	-	63
Gray	98	49	1	-	-	50	47	-	1	-	48
Greeley	19	11	-	-	-	11	8	-	-	-	8
Greenwood	94	40	1	-	1	42	50	1	1	-	52
Hamilton	45	25	-	1	1	27	18	-	-	-	18
Harper	69	38	-	-	-	38	29	-	2	-	31
Harvey	447	224	6	4	1	235	201	6	3	2	212
Haskell	81	46	-	1	-	47	34	-	-	-	34
Hodgeman	15	8	-	-	-	8	7	-	-	-	7
Jackson	164	77	-	12	-	89	61	-	14	-	75
Jefferson	192	101	-	1	-	102	90	-	-	-	90
Jewell	19	11	-	-	-	11	8	-	-	-	8
Johnson	6,988	3273	84	185	6	3,548	3151	98	185	6	3,440
Kearny	70	23	-	1	3	27	43	-	-	-	43
Kingman	101	53	-	2	-	55	44	-	1	1	46
Kiowa	34	14	-	1	-	15	18	-	1	-	19
Labette	256	124	5	2	-	131	113	8	4	-	125
Lane	16	6	1	-	-	7	9	-	-	-	9
Leavenworth	891	407	52	12	1	472	366	40	11	2	419
Lincoln	48	25	-	-	-	25	23	-	-	-	23
Linn	126	60	-	-	-	60	66	-	-	-	66
Logan	38	21	-	-	-	21	16	-	1	-	17

Table 17
Live Births By Sex Of Infant And Race Of Mother
By County Of Residence
Kansas, 2000

County of Residence	Total	Males					Females				
		White	Black	Other	N.S.	Total	White	Black	Other	N.S.	Total
Lyon	540	254	4	6	-	264	250	11	13	2	276
Marion	141	76	1	-	-	77	63	-	1	-	64
Marshall	106	58	1	-	-	59	47	-	-	-	47
McPherson	346	166	1	1	-	168	177	1	-	-	178
Meade	77	42	-	-	-	42	35	-	-	-	35
Miami	377	193	4	2	1	200	171	3	2	1	177
Mitchell	61	32	-	-	-	32	29	-	-	-	29
Montgomery	482	208	23	12	-	243	210	21	8	-	239
Morris	69	38	-	-	-	38	30	-	1	-	31
Morton	62	31	-	1	-	32	29	-	1	-	30
Nemaha	136	73	-	1	-	74	60	1	1	-	62
Neosho	216	100	-	2	-	102	112	2	-	-	114
Ness	31	16	-	-	-	16	15	-	-	-	15
Norton	72	41	-	-	-	41	31	-	-	-	31
Osage	192	93	-	1	-	94	98	-	-	-	98
Osborne	35	18	-	-	-	18	17	-	-	-	17
Ottawa	80	47	-	-	-	47	32	1	-	-	33
Pawnee	77	42	1	1	-	44	30	3	-	-	33
Phillips	88	42	1	-	-	43	45	-	-	-	45
Pottawatomie	264	130	-	3	-	133	128	-	3	-	131
Pratt	118	56	-	1	-	57	61	-	-	-	61
Rawlins	26	11	-	-	-	11	15	-	-	-	15
Reno	886	459	2	5	-	466	405	10	4	1	420
Republic	47	22	-	1	-	23	24	-	-	-	24
Rice	127	71	-	1	1	73	53	1	-	-	54
Riley	902	385	55	30	4	474	357	40	28	3	428
Rooks	53	23	-	-	-	23	30	-	-	-	30
Rush	46	27	-	1	-	28	18	-	-	-	18
Russell	80	35	-	-	-	35	40	2	2	1	45
Saline	752	372	14	11	1	398	330	13	11	-	354
Scott	61	30	-	-	-	30	31	-	-	-	31
Sedgwick	7,838	3250	466	235	13	3,964	3241	414	215	4	3,874
Seward	534	257	5	14	-	276	241	8	9	-	258
Shawnee	2,463	1045	155	49	-	1,249	1001	162	48	3	1,214
Sheridan	23	13	-	-	-	13	10	-	-	-	10
Sherman	82	54	-	-	-	54	27	1	-	-	28
Smith	34	16	-	-	-	16	18	-	-	-	18
Stafford	46	28	-	-	-	28	18	-	-	-	18
Stanton	44	24	-	-	-	24	20	-	-	-	20
Stevens	98	46	1	1	-	48	47	1	2	-	50
Sumner	324	173	2	2	-	177	143	3	1	-	147
Thomas	106	46	1	-	-	47	59	-	-	-	59
Trego	32	19	-	-	-	19	13	-	-	-	13
Wabaunsee	79	42	-	1	-	43	36	-	-	-	36
Wallace	22	7	-	-	-	7	15	-	-	-	15
Washington	62	33	-	-	-	33	28	1	-	-	29
Wichita	27	13	-	-	-	13	14	-	-	-	14
Wilson	124	67	-	-	-	67	56	-	1	-	57
Woodson	31	16	-	-	-	16	15	-	-	-	15
Wyandotte	2,809	943	417	52	4	1,416	928	424	38	3	1,393

*One birth by sex of infant unknown in Sedgwick County.

Table 18
Out-Of-Wedlock Births By Age-Group And Race Of Mother
By County Of Residence
Kansas, 2000

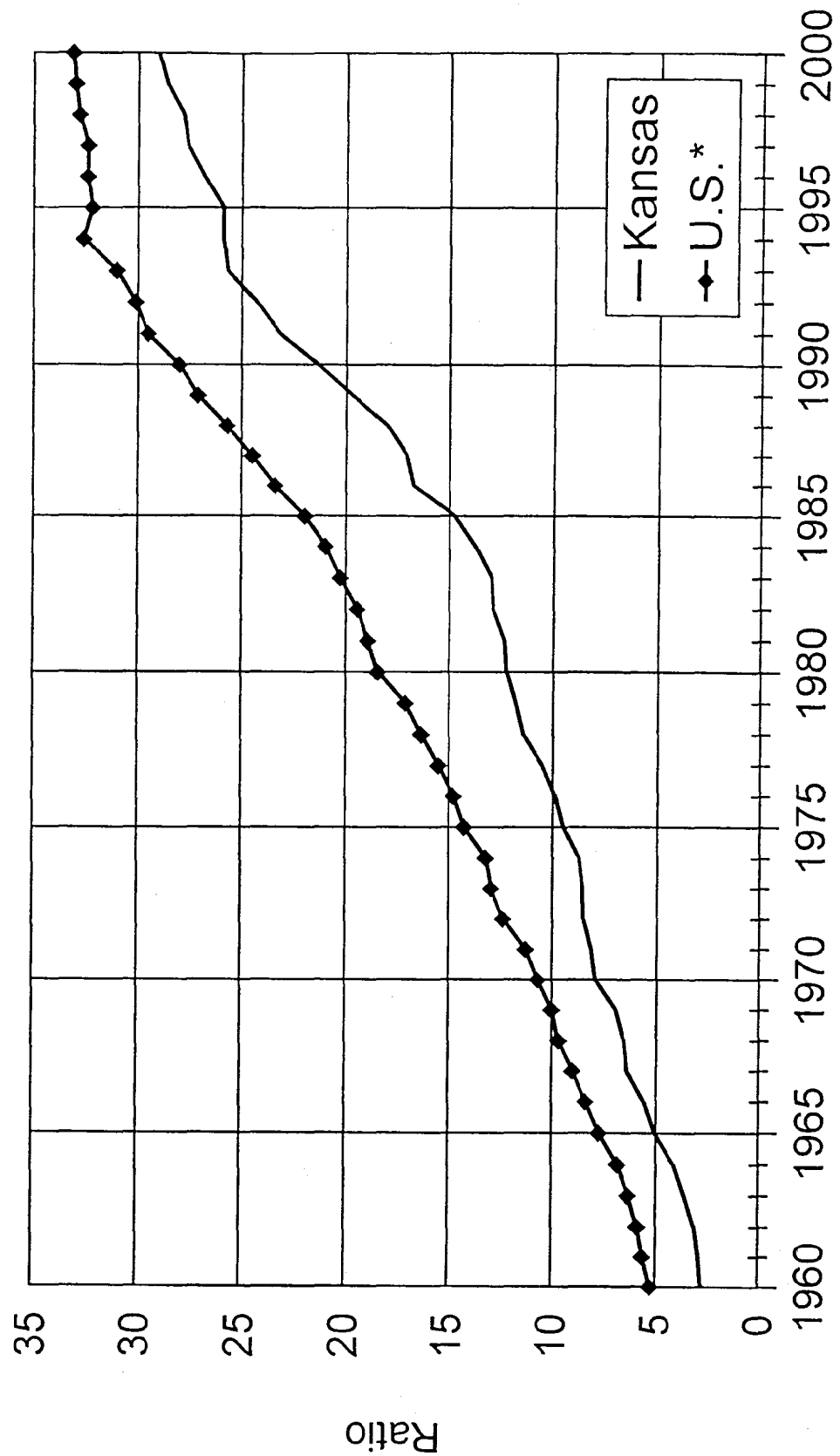
County of Residence	Total	Age-Group of Mother									Race of Mother			
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.	White	Black	Other Non-White	N.S.
Kansas	11,491	54	3,590	4,724	1,825	813	395	87	3	-	9,091	1,980	387	33
Allen	66	1	26	31	3	4	1	-	-	-	65	-	-	1
Anderson	26	-	10	9	5	1	1	-	-	-	26	-	-	-
Atchison	81	1	24	31	10	9	5	1	-	-	67	12	2	-
Barber	7	-	3	3	-	1	-	-	-	-	7	-	-	-
Barton	116	1	34	53	19	3	4	2	-	-	114	2	-	-
Bourbon	54	-	18	22	6	3	3	2	-	-	49	5	-	-
Brown	48	-	20	17	6	3	2	-	-	-	33	-	15	-
Butler	167	1	59	71	23	10	3	-	-	-	162	3	2	-
Chase	8	-	2	4	-	-	2	-	-	-	8	-	-	-
Chautauqua	14	-	5	5	1	3	-	-	-	-	14	-	-	-
Cherokee	83	-	24	41	11	-	6	1	-	-	79	1	3	-
Cheyenne	3	-	1	-	1	1	-	-	-	-	3	-	-	-
Clark	4	-	2	2	-	-	-	-	-	-	4	-	-	-
Clay	12	-	6	3	2	-	1	-	-	-	12	-	-	-
Cloud	25	-	10	11	2	2	-	-	-	-	25	-	-	-
Coffey	19	-	7	6	3	2	-	1	-	-	19	-	-	-
Comanche	2	-	-	-	1	-	1	-	-	-	2	-	-	-
Cowley	157	-	59	62	19	11	5	1	-	-	148	4	5	-
Crawford	197	-	54	97	26	18	2	-	-	-	183	8	6	-
Decatur	8	-	3	2	2	1	-	-	-	-	8	-	-	-
Dickinson	58	-	13	29	12	3	1	-	-	-	54	3	-	1
Doniphan	30	-	12	10	4	2	1	1	-	-	30	-	-	-
Douglas	313	-	81	140	61	24	3	4	-	-	224	33	54	2
Edwards	15	-	11	2	1	1	-	-	-	-	15	-	-	-
Elk	8	-	5	3	-	-	-	-	-	-	8	-	-	-
Ellis	100	1	32	45	10	7	5	-	-	-	98	1	1	-
Ellsworth	4	-	1	-	1	2	-	-	-	-	4	-	-	-
Finney	383	5	116	161	62	26	11	2	-	-	363	3	16	1
Ford	267	2	74	101	55	26	8	1	-	-	254	3	10	-
Franklin	110	1	39	44	10	7	8	1	-	-	106	2	2	-
Geary	149	-	38	76	22	9	3	1	-	-	70	72	6	1
Gove	7	-	3	1	1	2	-	-	-	-	7	-	-	-
Graham	6	-	2	4	-	-	-	-	-	-	6	-	-	-
Grant	40	-	19	14	2	4	-	1	-	-	38	-	2	-
Gray	6	-	4	-	-	2	-	-	-	-	5	1	-	-
Greeley	6	-	4	2	-	-	-	-	-	-	6	-	-	-
Greenwood	28	-	10	13	2	1	2	-	-	-	24	2	1	1
Hamilton	11	-	2	4	3	-	2	-	-	-	10	-	-	1
Harper	19	-	6	10	3	-	-	-	-	-	19	-	-	-
Harvey	104	-	40	36	16	6	5	1	-	-	98	5	-	1
Haskell	16	-	11	3	1	-	-	1	-	-	16	-	-	-
Hodgeman	3	-	1	-	1	-	-	1	-	-	3	-	-	-
Jackson	49	-	10	26	9	4	-	-	-	-	36	-	13	-
Jefferson	42	-	22	12	2	4	2	-	-	-	41	-	1	-
Jewell	6	-	4	2	-	-	-	-	-	-	6	-	-	-
Johnson	896	1	213	351	167	86	65	13	-	-	790	83	23	-
Kearny	22	-	10	8	3	1	-	-	-	-	20	-	-	2
Kingman	22	-	13	5	2	1	-	-	1	-	22	-	-	-
Kiowa	5	-	-	2	3	-	-	-	-	-	4	-	1	-
Labette	90	-	24	44	16	6	-	-	-	-	78	11	1	-
Lane	5	-	2	1	1	1	-	-	-	-	4	1	-	-
Leavenworth	241	-	75	116	36	7	6	1	-	-	183	52	5	1
Lincoln	11	-	3	3	4	1	-	-	-	-	11	-	-	-
Linn	35	-	16	13	3	1	2	-	-	-	35	-	-	-
Logan	3	-	-	2	-	-	1	-	-	-	3	-	-	-

Table 18
Out-Of-Wedlock Births By Age-Group And Race Of Mother
By County Of Residence
Kansas, 2000

County of Residence	Total	Age-Group of Mother									Race of Mother			
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.	White	Black	Other Non-White	N.S.
Lyon	190	1	57	85	32	8	6	1	-	-	175	11	3	1
Marion	28	-	10	13	3	1	-	1	-	-	27	1	-	-
Marshall	24	-	9	10	-	3	1	1	-	-	24	-	-	-
McPherson	85	-	35	34	11	3	1	1	-	-	83	2	-	-
Meade	17	-	5	6	5	-	1	-	-	-	17	-	-	-
Miami	96	-	34	35	16	5	4	2	-	-	86	7	2	1
Mitchell	12	-	5	4	1	1	1	-	-	-	12	-	-	-
Montgomery	175	2	67	68	23	12	2	1	-	-	130	36	9	-
Morris	18	-	7	8	3	-	-	-	-	-	18	-	-	-
Morton	14	1	6	5	1	1	-	-	-	-	14	-	-	-
Nemaha	26	-	15	7	2	1	1	-	-	-	25	-	1	-
Neosho	67	-	20	24	17	5	1	-	-	-	65	1	1	-
Ness	9	-	3	4	2	-	-	-	-	-	9	-	-	-
Norton	15	-	3	10	1	1	-	-	-	-	15	-	-	-
Osage	65	-	18	23	12	5	6	1	-	-	65	-	-	-
Osborne	11	-	4	4	-	2	1	-	-	-	11	-	-	-
Ottawa	16	-	5	7	3	1	-	-	-	-	15	1	-	-
Pawnee	17	-	7	5	3	2	-	-	-	-	14	3	-	-
Phillips	16	-	6	8	2	-	-	-	-	-	15	1	-	-
Pottawatomie	47	-	21	14	6	5	1	-	-	-	46	-	1	-
Pratt	27	-	6	14	4	-	3	-	-	-	27	-	-	-
Rawlins	3	-	1	1	-	1	-	-	-	-	3	-	-	-
Reno	296	1	96	124	47	19	6	3	-	-	286	8	1	1
Republic	8	-	2	5	1	-	-	-	-	-	8	-	-	-
Rice	34	1	11	15	6	1	-	-	-	-	33	1	-	-
Riley	117	-	36	55	18	5	2	1	-	-	94	19	2	2
Rooks	9	-	1	3	2	1	1	-	1	-	9	-	-	-
Rush	15	-	5	7	2	-	1	-	-	-	15	-	-	-
Russell	29	-	10	11	4	-	3	1	-	-	27	2	-	-
Saline	244	2	78	105	29	15	9	6	-	-	211	23	9	1
Scott	16	-	6	7	2	1	-	-	-	-	16	-	-	-
Sedgwick	2,601	14	795	1,056	421	209	87	19	-	-	1,855	637	103	6
Seward	235	1	78	85	47	17	6	1	-	-	219	8	8	-
Shawnee	966	6	289	412	155	67	33	3	1	-	665	251	47	3
Sheridan	3	-	1	1	1	-	-	-	-	-	3	-	-	-
Sherman	20	-	4	10	4	1	1	-	-	-	20	-	-	-
Smith	5	-	2	3	-	-	-	-	-	-	5	-	-	-
Stafford	12	-	5	4	-	1	1	1	-	-	12	-	-	-
Stanton	7	-	2	4	-	1	-	-	-	-	7	-	-	-
Stevens	35	-	14	13	3	2	3	-	-	-	33	1	1	-
Sumner	98	-	41	41	12	3	-	1	-	-	93	4	1	-
Thomas	24	-	11	8	3	2	-	-	-	-	23	1	-	-
Trego	6	-	3	3	-	-	-	-	-	-	6	-	-	-
Wabaunsee	13	-	2	7	2	1	1	-	-	-	12	-	1	-
Wallace	3	-	1	1	-	1	-	-	-	-	3	-	-	-
Washington	6	-	5	1	-	-	-	-	-	-	6	-	-	-
Wichita	9	-	3	4	2	-	-	-	-	-	9	-	-	-
Wilson	33	-	13	16	2	2	-	-	-	-	33	-	-	-
Woodson	12	-	5	4	3	-	-	-	-	-	12	-	-	-
Wyandotte	1,450	11	444	577	259	101	51	7	-	-	761	655	28	6

Out-of-Wedlock Birth Ratios

Kansas and the U.S., 1960-2000

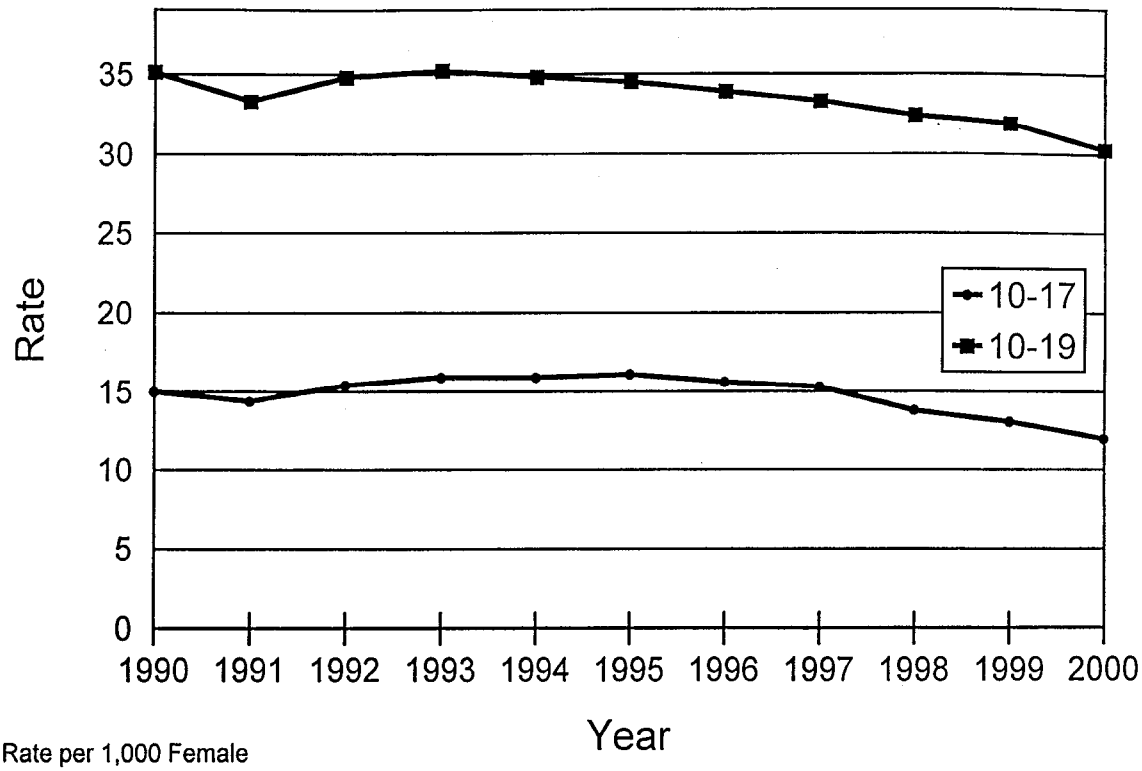


*2000 Ratio Provisional
Ratio per 100 Live Births
Residence Data

Figure 15

Teenage Pregnancy Rates *

By Age-Group, Kansas, 1990-2000



* Rate per 1,000 Female Age-Group Population
Residence Data

Figure 16

Table 19
Teenage Pregnancies By Number and Rate
For Mothers Under 20
Kansas, 1990-2000

Year	Total Teen Pregnancies	Age-Group				Total Teen Pregnancy Rate	Pregnancy Rate		
		10-14	15-17	18-19	15-19		10-14	10-17	15-19
1990	5,993	93	1,930	3,970	5,900	35.1	1.1	15.0	70.5
1991	5,743	98	1,904	3,741	5,645	33.3	1.1	14.4	69.0
1992	6,165	111	2,110	3,944	6,054	34.8	1.2	15.4	72.6
1993	6,405	133	2,219	4,053	6,272	35.2	1.4	15.9	73.3
1994	6,500	124	2,302	4,074	6,376	34.8	1.3	15.9	71.9
1995	6,552	153	2,332	4,067	6,399	34.5	1.6	16.1	69.5
1996	6,498	133	2,276	4,089	6,365	33.9	1.4	15.6	67.0
1997	6,469	123	2,383	4,086	6,346	33.3	1.3	15.3	64.7
1998	6,444	108	2,087	4,249	6,336	32.4	1.1	13.8	62.0
1999	6,402	103	1,979	4,320	6,299	31.9	1.1	13.1	60.7
2000	6,090	94	1,819	4,177	5,996	30.3	0.9	12.0	58.7

*Rate per 1,000 female age-group population
Total pregnancies is the sum of live births, reported abortions and fetal deaths
Residence data

Table 20
Teenage Pregnancies By Age-Group* And Component By County Of Residence And By Peer Group**
Kansas, 2000

County of Residence	Live Births Age-Group 10-14	Live Births Age-Group 15-19	Fetal Deaths Age-Group 10-14	Fetal Deaths Age-Group 15-19	Abortions*** Age-Group 10-14	Abortions*** Age-Group 15-19	Total Pregnancies Age-Group 10-14	Total Pregnancies Age-Group 15-19	Total Pregnancies Age-Group 10-19	Teenage**** Preg. Rates Age-Group 10-19
Kansas	56	4,706	-	33	38	1,257	94	5,996	6,090	30.3
Allen	1	32	-	-	-	3	1	35	36	31.2
Anderson	-	16	-	-	-	2	-	18	18	28.4
Atchison	1	29	-	-	-	4	1	33	34	24.2
Barber	-	3	-	-	-	-	-	3	3	7.0
Barton	1	48	-	1	-	12	1	61	62	27.7
Bourbon	-	30	-	-	1	2	1	32	33	28.1
Brown	-	25	-	-	-	2	-	27	27	32.2
Butler	1	83	-	1	1	35	2	119	121	25.1
Chase	-	5	-	-	-	-	-	5	5	25.6
Chautauqua	-	9	-	-	-	2	-	11	11	33.0
Cherokee	-	40	-	-	-	2	-	42	42	25.1
Cheyenne	-	2	-	-	-	-	-	2	2	9.0
Clark	-	2	-	-	-	-	-	2	2	12.0
Clay	-	12	-	-	-	5	-	17	17	26.7
Cloud	-	17	-	2	-	5	-	24	24	29.3
Coffey	-	11	-	-	-	6	-	17	17	24.2
Comanche	-	1	-	-	-	1	-	2	2	18.5
Cowley	-	74	-	2	1	9	1	85	86	28.8
Crawford	-	75	-	-	1	16	1	91	92	31.9
Decatur	-	4	-	-	-	-	-	4	4	17.2
Dickinson	-	25	-	-	-	7	-	32	32	22.0
Doniphan	-	15	-	-	-	3	-	18	18	27.3
Douglas	-	96	-	-	2	68	2	164	166	19.9
Edwards	-	14	-	-	-	-	-	14	14	53.8
Elk	-	9	-	-	-	-	-	9	9	35.9
Ellis	1	40	-	-	-	9	1	49	50	22.5
Ellsworth	-	3	-	-	-	1	-	4	4	9.1
Finney	5	150	-	-	-	25	5	175	180	52.8
Ford	2	94	-	-	-	15	2	109	111	44.7
Franklin	1	56	-	-	1	5	2	61	63	33.2
Geary	-	92	-	2	4	35	4	129	133	61.8
Gove	-	4	-	-	-	-	-	4	4	18.9
Graham	-	4	-	-	-	-	-	4	4	20.7
Grant	-	26	-	1	-	1	-	28	28	40.3
Gray	-	10	-	-	-	1	-	11	11	22.6
Greeley	-	4	-	-	-	-	-	4	4	36.7
Greenwood	-	13	-	1	-	2	-	16	16	30.4
Hamilton	-	6	-	-	-	-	-	6	6	27.9
Harper	-	7	-	-	-	4	-	11	11	23.1
Harvey	-	51	-	1	-	8	-	60	60	23.7
Haskell	-	14	-	-	-	2	-	16	16	43.2
Hodgeman	-	2	-	-	-	-	-	2	2	10.8
Jackson	-	13	-	-	-	3	-	16	16	15.8
Jefferson	-	23	-	-	-	7	-	30	30	21.3
Jewell	-	4	-	-	-	-	-	4	4	16.2
Johnson	1	303	-	1	2	208	3	512	515	16.4
Kearny	-	14	-	1	-	1	-	16	16	40.6
Kingman	-	15	-	-	-	1	-	16	16	22.9
Kiowa	-	1	-	-	-	-	-	1	1	4.1
Labette	-	37	-	-	-	8	-	45	45	27.0
Lane	-	2	-	-	-	-	-	2	2	13.4
Leavenworth	-	94	-	1	-	30	-	125	125	25.5
Lincoln	-	4	-	-	-	-	-	4	4	16.9
Linn	-	20	-	-	-	3	-	23	23	34.4
Logan	-	-	-	-	-	-	-	-	-	-

Table 20
Teenage Pregnancies By Age-Group* And Component By County Of Residence And By Peer Group**
Kansas, 2000

County of Residence	Live Births Age-Group 10-14	Live Births Age-Group 15-19	Fetal Deaths Age-Group 10-14	Fetal Deaths Age-Group 15-19	Abortions*** Age-Group 10-14	Abortions*** Age-Group 15-19	Total Pregnancies Age-Group 10-14	Total Pregnancies Age-Group 15-19	Total Pregnancies Age-Group 10-19	Teenage**** Preg. Rates Age-Group 10-19
Lyon	1	71	-	1	1	21	2	93	95	31.5
Marion	-	14	-	-	-	5	-	19	19	8.0
Marshall	-	12	-	-	-	2	-	14	14	14.0
McPherson	-	48	-	-	1	14	1	62	63	74.4
Meade	-	7	-	-	-	1	-	8	8	22.9
Miami	-	47	-	-	-	12	-	59	59	26.6
Mitchell	-	7	-	1	-	1	-	9	9	15.5
Montgomery	2	90	-	-	1	14	3	104	107	40.1
Morris	-	8	-	-	-	-	-	8	8	18.2
Morton	1	8	-	-	-	3	1	11	12	38.6
Nemaha	-	17	-	-	-	-	-	17	17	19.6
Neosho	-	26	-	-	-	2	-	28	28	20.1
Ness	-	4	-	-	-	2	-	6	6	25.5
Norton	-	4	-	-	-	1	-	5	5	14.0
Osage	-	24	-	-	-	10	-	34	34	27.2
Osborne	-	6	-	-	-	-	-	6	6	19.5
Ottawa	-	6	-	-	-	1	-	7	7	15.5
Pawnee	1	11	-	-	-	2	1	13	14	27.8
Phillips	-	9	-	-	-	1	-	10	10	23.1
Pottawatomie	-	25	-	1	-	5	-	31	31	20.7
Pratt	-	11	-	-	-	4	-	15	15	18.8
Rawlins	-	1	-	-	-	-	-	1	1	5.1
Reno	1	117	-	1	1	31	2	149	151	33.1
Republic	-	3	-	-	-	1	-	4	4	9.6
Rice	1	20	-	-	1	1	2	21	23	24.1
Riley	1	64	-	-	-	34	1	98	99	19.3
Rooks	-	5	-	-	-	-	-	5	5	12.5
Rush	-	8	-	-	-	-	-	8	8	34.2
Russell	-	13	-	-	-	-	-	13	13	26.1
Saline	2	98	-	1	-	24	2	123	125	32.3
Scott	-	10	-	-	-	2	-	12	12	31.7
Sedgwick	14	1,004	-	3	9	246	23	1,253	1,276	38.3
Seward	1	96	-	-	-	15	1	111	112	62.5
Shawnee	6	336	-	1	7	89	13	426	439	37.3
Sheridan	-	1	-	-	-	-	-	1	1	4.4
Sherman	-	11	-	-	-	-	-	11	11	22.5
Smith	-	4	-	-	-	-	-	4	4	12.8
Stafford	-	5	-	-	-	-	-	5	5	14.4
Stanton	-	4	-	-	-	2	-	6	6	30.0
Stevens	-	23	-	-	-	2	-	25	25	51.3
Sumner	-	52	-	2	-	6	-	60	60	28.7
Thomas	-	16	-	-	-	-	-	16	16	23.0
Trego	-	5	-	-	-	-	-	5	5	20.0
Wabaunsee	-	6	-	-	-	3	-	9	9	17.0
Wallace	-	2	-	-	-	-	-	2	2	12.0
Washington	-	7	-	-	-	-	-	7	7	15.9
Wichita	-	3	-	-	-	-	-	3	3	17.3
Wilson	-	22	-	-	-	2	-	24	24	33.5
Woodson	-	7	-	-	-	-	-	7	7	24.6
Wyandotte	11	525	-	8	4	142	15	675	690	58.2
Peer Group										
Frontier	1	138	-	1	-	10	1	149	150	20.7
Rural	2	458	-	5	1	68	3	531	534	22.5
Densely -Settled Rural	12	908	-	6	3	158	15	1,072	1,087	33.1
Semi-Urban	9	938	-	8	10	265	19	1,211	1,230	30.3
Urban	32	2,264	-	13	24	753	56	3,030	3,086	31.9

*2000 female age-group county population counts were compiled by the U.S. Census Bureau as of 4/1/2001.

**See Technical Notes for Peer Group definition.

***County of residence for three abortions unknown.

****Rate per 1,000 female age-group population

Table 21
Teenage Pregnancies For 10-17 Year Olds*
By County Of Residence And By Peer Group**
Kansas, 2000

County of Residence	Live Births	Fetal Deaths	Abortions	Total Pregnancies	Pregnancy Rate***
Kansas	1,433	6	474	1,913	12.0
Allen	9	-	2	11	12.4
Anderson	7	-	1	8	15.6
Atchison	9	-	1	10	9.4
Barber	-	-	-	-	-
Barton	21	-	4	25	14.4
Bourbon	12	-	1	13	14.3
Brown	3	-	1	4	5.8
Butler	30	-	15	45	11.2
Chase	3	-	-	3	18.3
Chautauqua	3	-	1	4	14.7
Cherokee	7	-	-	7	5.1
Cheyenne	2	-	-	2	10.4
Clark	1	-	-	1	6.9
Clay	3	-	3	6	11.0
Cloud	-	-	1	1	1.8
Coffey	3	-	1	4	6.6
Comanche	-	-	-	-	-
Cowley	20	-	3	23	10.1
Crawford	20	-	4	24	12.3
Decatur	3	-	-	3	14.9
Dickinson	5	-	1	6	4.7
Doniphan	5	-	1	6	13.0
Douglas	30	-	15	45	10.0
Edwards	6	-	-	6	28.2
Elk	4	-	-	4	17.8
Ellis	12	-	2	14	9.5
Ellsworth	2	-	1	3	7.9
Finney	55	-	9	64	23.5
Ford	39	-	6	45	22.8
Franklin	11	-	5	16	10.2
Geary	15	-	14	29	17.4
Gove	-	-	-	-	-
Graham	2	-	-	2	11.7
Grant	6	-	-	6	10.4
Gray	4	-	1	5	11.9
Greeley	1	-	-	1	11.2
Greenwood	4	-	1	5	11.4
Hamilton	2	-	-	2	11.0
Harper	4	-	4	8	19.0
Harvey	15	-	1	16	7.8
Haskell	6	-	1	7	22.8
Hodgeman	-	-	-	-	-
Jackson	1	-	1	2	2.3
Jefferson	10	-	2	12	10.4
Jewell	1	-	-	1	4.7
Johnson	80	-	76	156	5.9
Kearny	5	1	-	6	18.1
Kingman	7	-	1	8	13.1
Kiowa	-	-	-	-	-
Labette	10	-	5	15	10.9
Lane	1	-	-	1	7.4
Leavenworth	31	-	6	37	9.1
Lincoln	-	-	-	-	-
Linn	6	-	1	7	12.3
Logan	-	-	-	-	-

Table 21
Teenage Pregnancies For 10-17 Year Olds*
By County Of Residence And By Peer Group**
Kansas, 2000

County of Residence	Live Births	Fetal Deaths	Abortions	Total Pregnancies	Pregnancy Rate***
Lyon	23	1	8	32	15.3
Marion	2	-	3	5	2.7
Marshall	3	-	1	4	4.9
McPherson	15	-	10	25	33.6
Meade	3	-	-	3	10.1
Miami	8	-	8	16	8.5
Mitchell	2	-	1	3	6.2
Montgomery	30	-	8	38	17.9
Morris	2	-	-	2	5.3
Morton	2	-	1	3	12.0
Nemaha	5	-	-	5	6.7
Neosho	8	-	2	10	8.9
Ness	1	-	1	2	10.1
Norton	1	-	1	2	6.4
Osage	6	-	5	11	10.2
Osborne	2	-	-	2	7.4
Ottawa	2	-	-	2	5.1
Pawnee	3	-	1	4	9.4
Phillips	3	-	1	4	10.6
Pottawatomie	7	-	4	11	8.5
Pratt	2	-	2	4	6.7
Rawlins	-	-	-	-	-
Reno	23	-	10	33	9.1
Republic	-	-	-	-	-
Rice	7	-	2	9	13.7
Riley	13	-	2	15	6.1
Rooks	-	-	-	-	-
Rush	-	-	-	-	-
Russell	4	-	-	4	9.7
Saline	31	-	4	35	11.2
Scott	4	-	1	5	15.2
Sedgwick	307	-	95	402	14.7
Seward	37	-	5	42	29.6
Shawnee	113	-	46	159	16.7
Sheridan	1	-	-	1	5.2
Sherman	3	-	-	3	7.8
Smith	-	-	-	-	-
Stafford	2	-	-	2	6.4
Stanton	2	-	1	3	17.1
Stevens	8	-	1	9	21.8
Sumner	11	-	2	13	7.4
Thomas	1	-	-	1	2.1
Trego	1	-	-	1	4.8
Wabaunsee	1	-	2	3	6.5
Wallace	-	-	-	-	-
Washington	2	-	-	2	5.2
Wichita	1	-	-	1	6.6
Wilson	6	-	-	6	10.0
Woodson	4	-	-	4	16.8
Wyandotte	185	4	54	243	25.7
Peer Group					
Frontier	44	1	3	48	7.7
Rural	126	-	35	161	8.2
Densely -Settled Rural	298	-	65	363	13.9
Semi-Urban	250	1	85	336	11.0
Urban	715	4	286	1,005	13.0

* The 2000 10-17 female age-group population counts were compiled by the U.S. Census Bureau as of 4/1/2001.

** See Technical Notes for Peer Group definition.

*** Rates per 1,000 female age-group population

Teen and Non-Teen Live Births: Percent Distribution

By Month Prenatal Care Began, Kansas, 2000

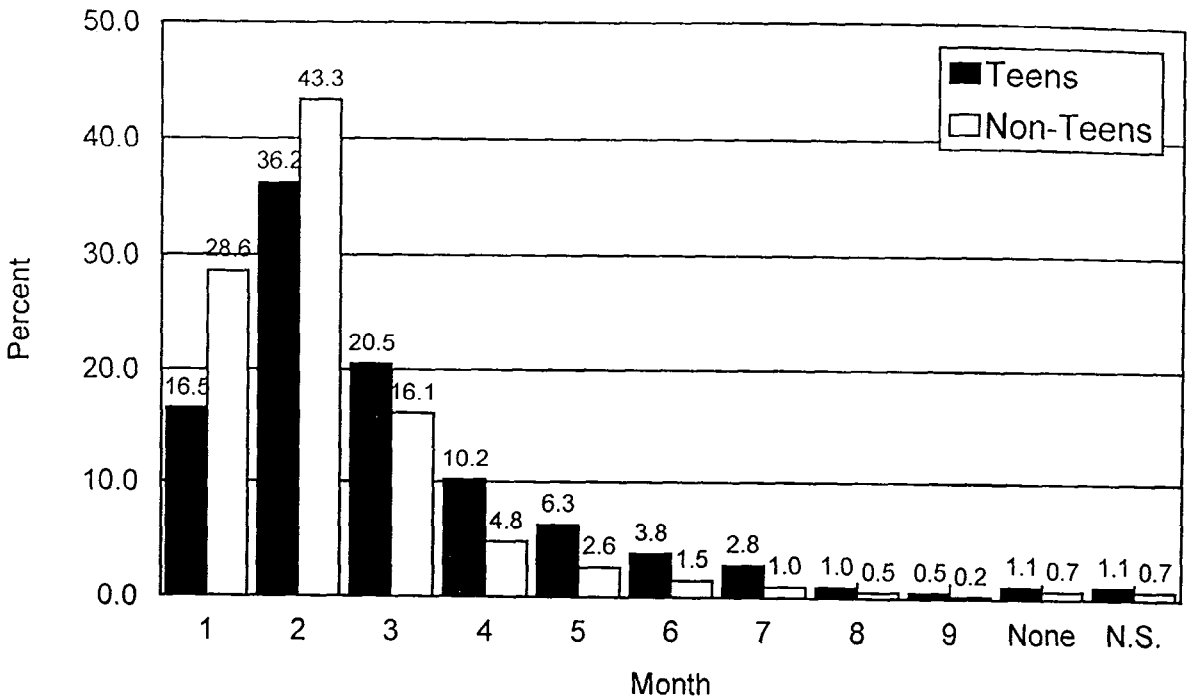


Figure 17

Teenage Live Births by Race of Mother

Kansas, 1990 and 2000

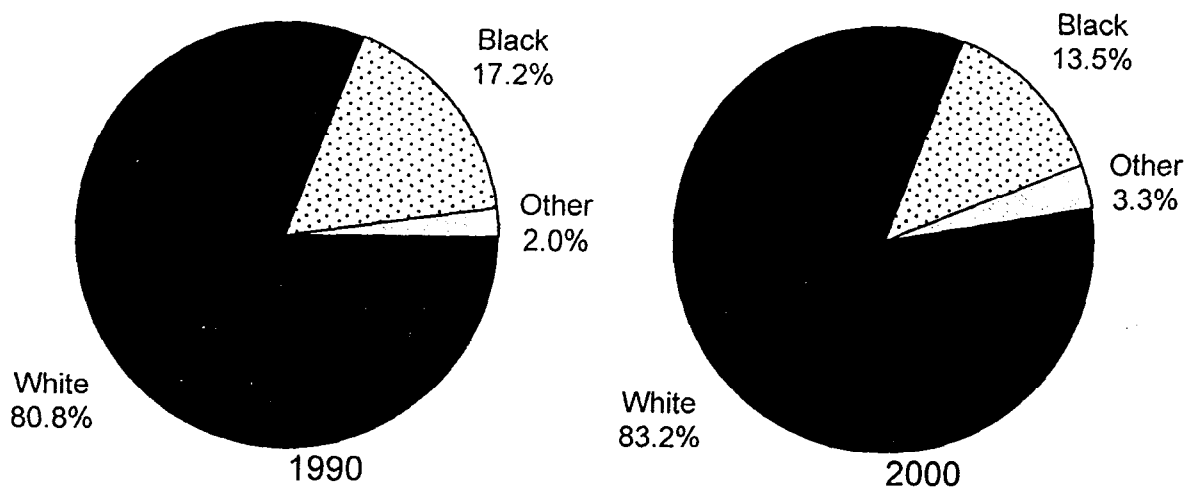
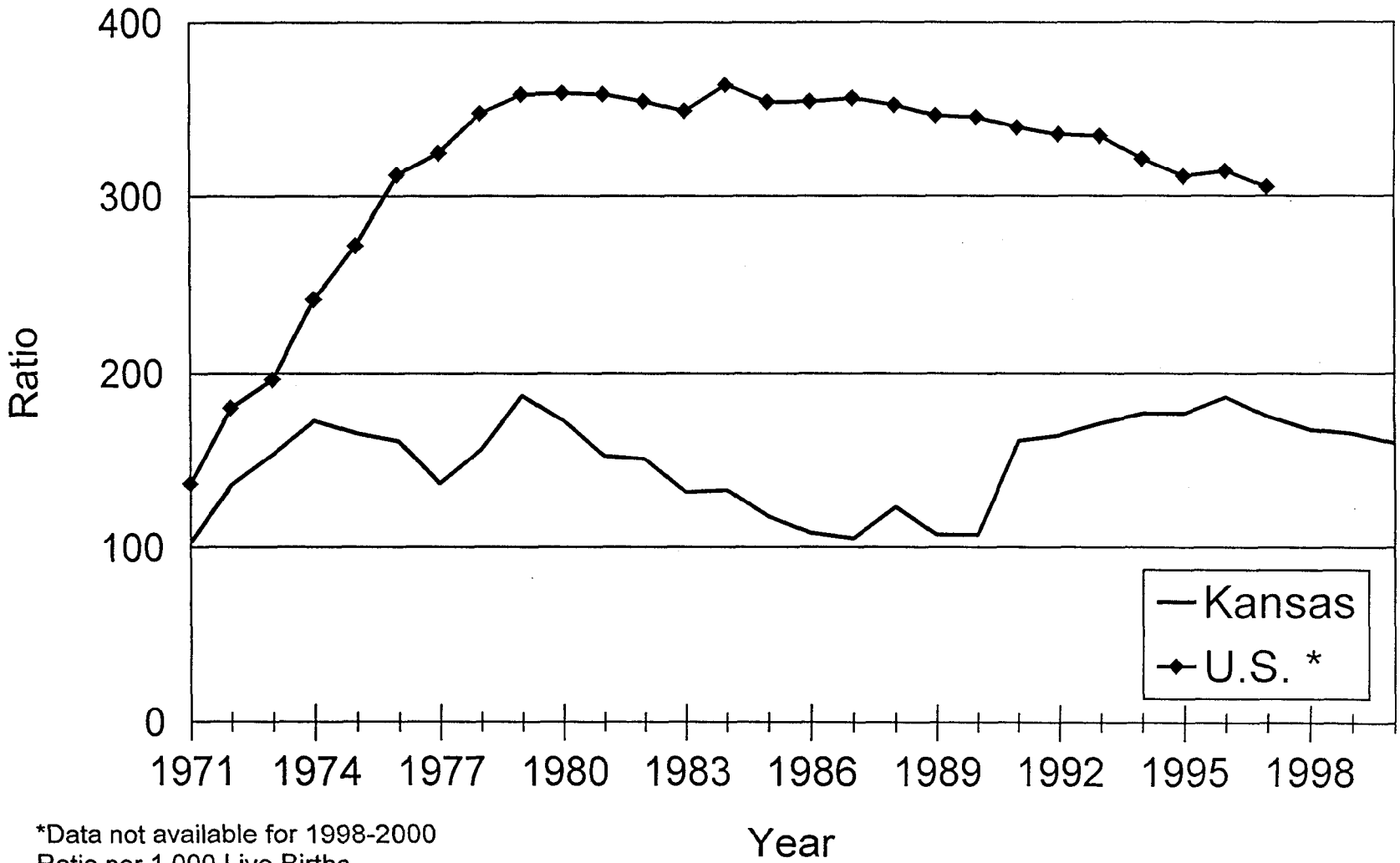


Figure 18

Abortion Ratios

Kansas and the U.S., 1971-2000



*Data not available for 1998-2000
Ratio per 1,000 Live Births
Residence Data

Figure 19

Table 22
Reported Abortions And Abortion Ratios*
Kansas And The U.S. 1971-2000

Year	Total	Out of State Residents	Kansas Residents	Kansas Ratio	N.S.	U.S. Number	U.S. Ratio
1971.....	9,472	5,763	3,709	103.0	-	485,816	136.6
1972.....	12,248	7,736	4,512	136.0	-	586,760	180.1
1973.....	12,612	7,695	4,917	153.8	-	615,831	196.3
1974.....	10,171	4,503	5,657	172.9	11	763,476	241.6
1975.....	9,160	3,565	5,581	165.6	14	854,853	271.9
1976.....	9,154	3,455	5,686	161.2	13	988,267	312.0
1977.....	7,965	2,918	5,045	137.0	2	1,079,430	324.5
1978.....	9,740	3,957	5,722	156.4	61	1,157,776	347.3
1979.....	12,335	5,042	7,281	187.1	12	1,251,921	358.3
1980.....	11,791	4,750	7,038	173.0	3	1,297,606	359.2
1981.....	10,448	4,150	6,291	152.7	7	1,300,760	358.4
1982.....	9,976	3,823	6,153	151.0	-	1,303,980	354.3
1983.....	8,547	3,218	5,329	132.0	-	1,268,987	348.7
1984.....	8,008	2,689	5,319	133.1	-	1,333,521	364.1
1985.....	7,092	2,447	4,645	117.8	-	1,328,570	353.8
1986.....	6,561	2,316	4,245	108.4	-	1,328,112	354.2
1987.....	6,409	2,357	4,052	105.4	-	1,353,671	356.1
1988.....	7,930	3,161	4,769	123.2	-	1,371,285	352.0
1989.....	8,984 **	3,270	4,149	107.4	1,565 ****	1,396,658	346.0
1990.....	9,459 **	3,341	4,175	107.4	1,943 ****	1,429,577	345.0
1991.....	10,141 **	4,071	6,070	161.3	-	1,388,937	339.0
1992.....	11,135 **	4,904	6,231	164.6	-	1,359,145	335.0
1993.....	11,247	4,853	6,394	171.5	-	1,330,414	334.0
1994.....	10,847	4,245	6,596	177.0	6	1,267,415	321.0
1995.....	11,149 ***	4,562	6,566	177.0	21	1,210,883	311.0
1996.....	11,181	4,367	6,806	186.3	8	1,221,585	314.0
1997.....	11,507	4,973	6,532	175.6	2	1,184,758	305.0
1998.....	11,624	5,184	6,440	167.8	-	n.a.	n.a.
1999.....	12,445 *****	6,029	6,416	165.6	-	n.a.	n.a.
2000.....	12,327 *****	5,971	6,356	160.3	-	n.a.	n.a.

*Ratio per 1,000 live births

** The increase in the 1989-1992 figures may not reflect an increase in the number of abortions being performed but rather an increase in the number of providers voluntarily reporting data.

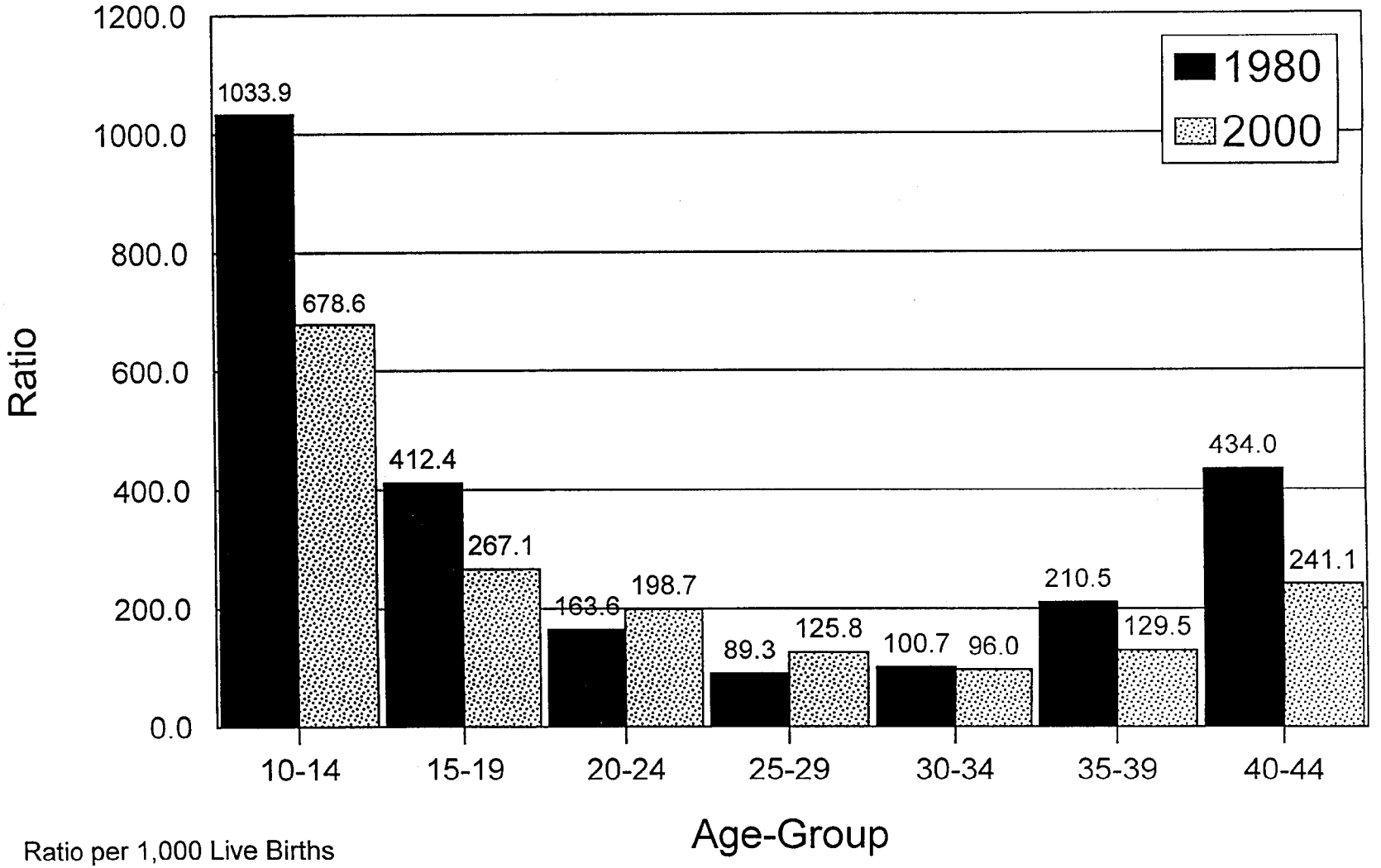
*** As of July 1, 1995, reporting became mandatory for every medical care facility and every person licensed to practice medicine and surgery.

**** Residency data was not available for all abortions in 1989-1990 . However, due to improved reporting, residency was obtained for most of the abortions reported in subsequent years. This improved reporting is also responsible for the increase in the resident abortion ratio between 1990 and 1991.

***** This number is larger than the one reported in the preliminary report due to induced termination of pregnancy reports received from other states after the Kansas reporting deadline.

Abortion Ratios by Age-Group of Patient

Kansas, 1980 and 2000



Ratio per 1,000 Live Births
Residence Data

Figure 20

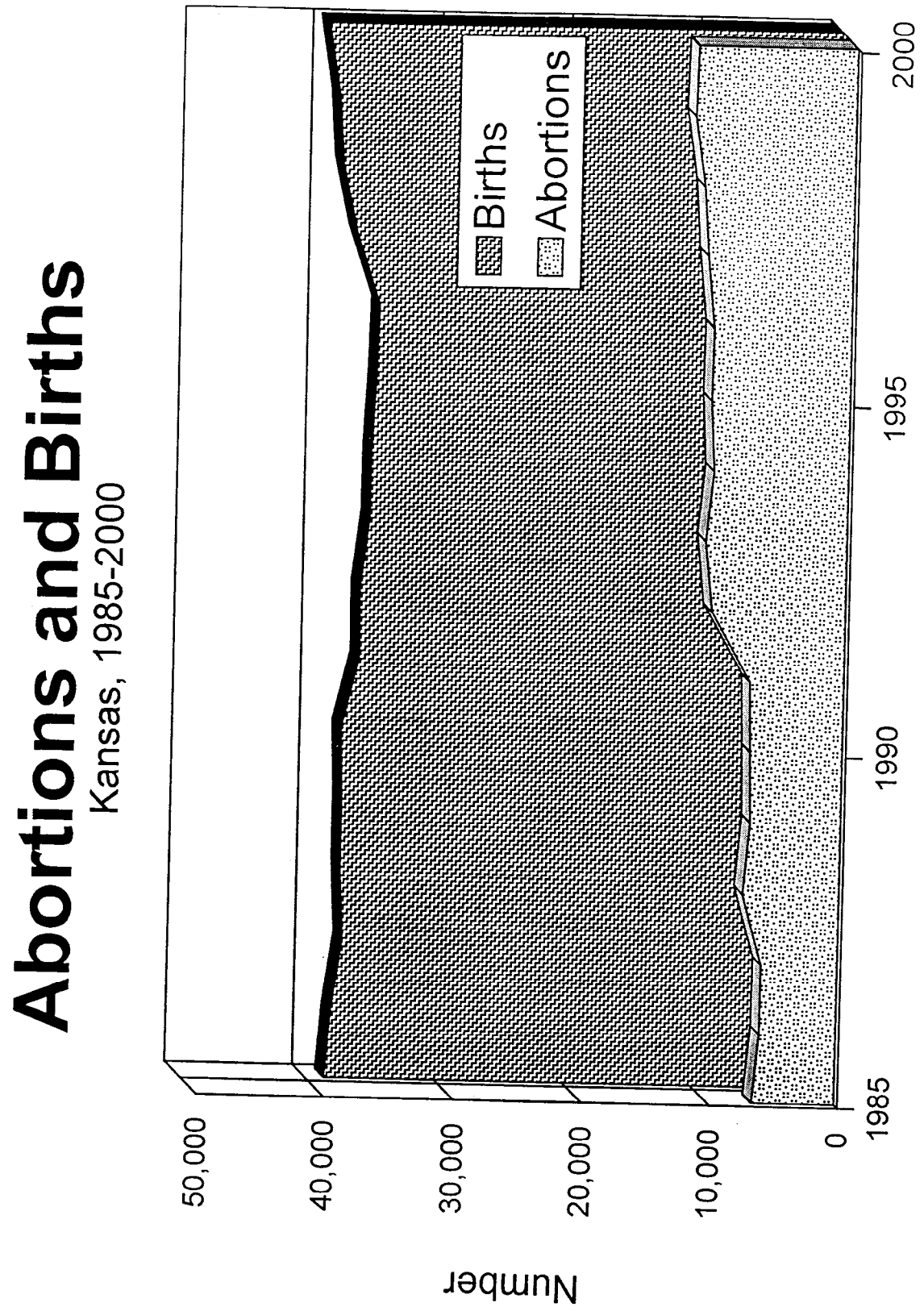
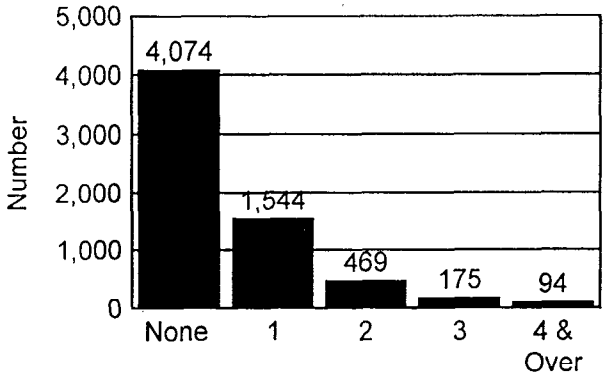

Abortions and Births
Kansas, 1985-2000
Births
Abortions
50,000
40,000
30,000
20,000
10,000
0
Number
1985
1990
1995
2000
Year
Occurrence Data

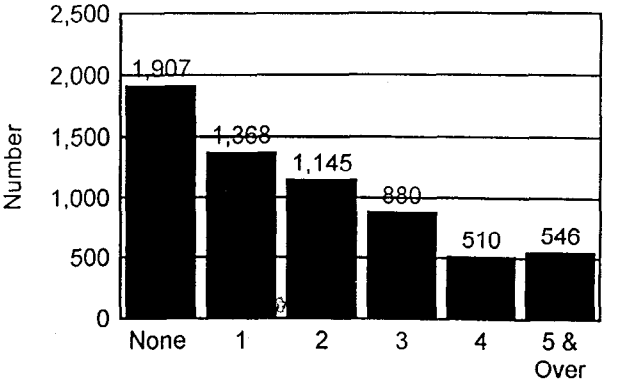
Figure 21

Reported Induced Abortions

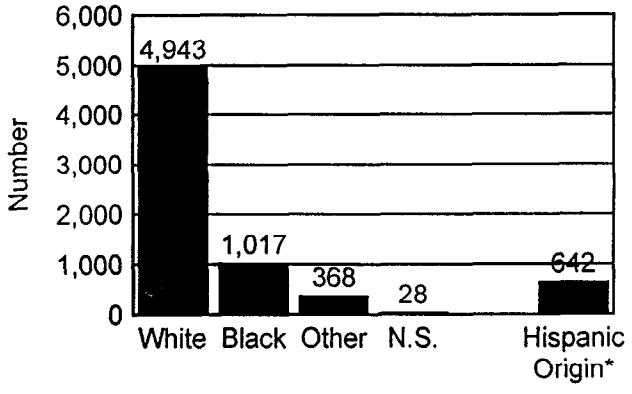
By Selected Characteristics, Kansas, 2000



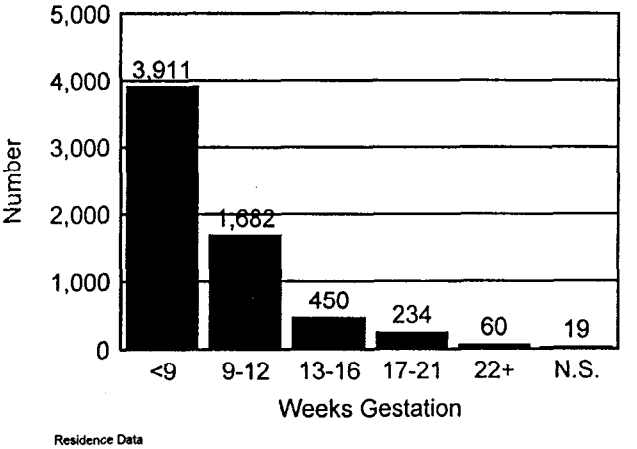
Residence Data



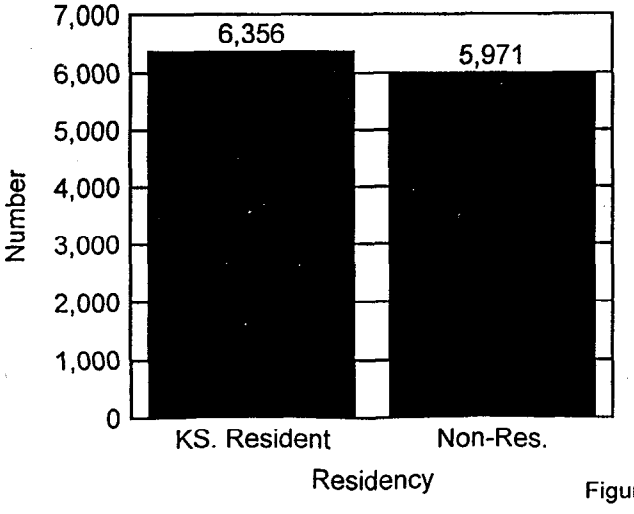
Residence Data



*Hispanic origin may be of any race
Residence Data



Residence Data



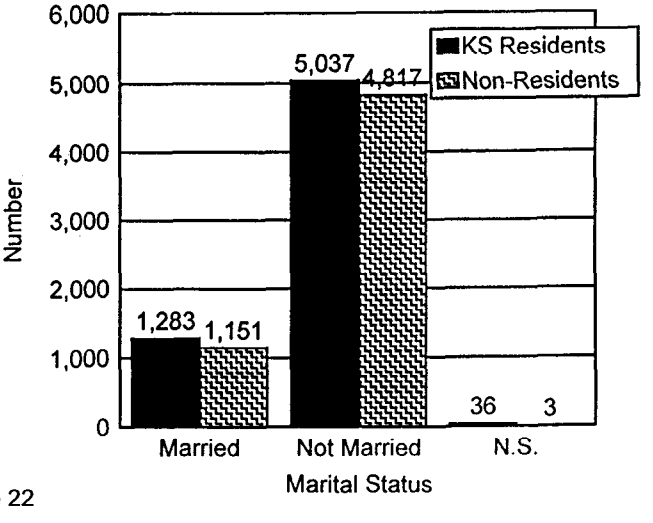


Figure 22

Table 23
Reported Abortions By Age-Group Of Patient
By County Of Residence
Kansas, 2000

County of Residence	Total	Age-Group of Patient								
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Kansas	6,356	38	1,257	2,228	1,374	800	470	179	10	-
Allen	21	-	3	10	4	2	1	1	-	-
Anderson	8	-	2	2	1	2	-	1	-	-
Atchison	16	-	4	5	3	2	2	-	-	-
Barber	1	-	-	-	1	-	-	-	-	-
Barton	52	-	12	17	10	6	5	2	-	-
Bourbon	19	1	2	4	7	2	3	-	-	-
Brown	17	-	2	6	5	4	-	-	-	-
Butler	111	1	35	29	26	13	3	4	-	-
Chase	2	-	-	1	-	1	-	-	-	-
Chautauqua	4	-	2	-	1	-	1	-	-	-
Cherokee	16	-	2	5	3	5	1	-	-	-
Cheyenne	-	-	-	-	-	-	-	-	-	-
Clark	3	-	-	-	1	-	2	-	-	-
Clay	12	-	5	3	1	2	1	-	-	-
Cloud	9	-	5	3	1	-	-	-	-	-
Coffey	13	-	6	2	1	2	2	-	-	-
Comanche	2	-	1	1	-	-	-	-	-	-
Cowley	57	1	9	22	15	6	3	1	-	-
Crawford	92	1	16	41	16	13	4	1	-	-
Decatur	-	-	-	-	-	-	-	-	-	-
Dickinson	27	-	7	9	7	2	2	-	-	-
Doniphan	9	-	3	4	-	2	-	-	-	-
Douglas	378	2	68	171	63	33	28	11	2	-
Edwards	1	-	-	1	-	-	-	-	-	-
Elk	2	-	-	2	-	-	-	-	-	-
Ellis	43	-	9	22	7	2	2	1	-	-
Ellsworth	1	-	1	-	-	-	-	-	-	-
Finney	100	-	25	28	24	10	11	2	-	-
Ford	78	-	15	28	21	5	7	1	1	-
Franklin	46	1	5	17	9	10	2	2	-	-
Geary	139	4	35	52	28	13	6	1	-	-
Gove	-	-	-	-	-	-	-	-	-	-
Graham	2	-	-	2	-	-	-	-	-	-
Grant	9	-	1	4	1	3	-	-	-	-
Gray	4	-	1	1	1	-	-	1	-	-
Greeley	2	-	-	1	-	1	-	-	-	-
Greenwood	8	-	2	3	2	-	-	1	-	-
Hamilton	1	-	-	1	-	-	-	-	-	-
Harper	14	-	4	4	5	1	-	-	-	-
Harvey	51	-	8	21	5	9	6	2	-	-
Haskell	6	-	2	1	1	1	1	-	-	-
Hodgeman	1	-	-	-	1	-	-	-	-	-
Jackson	16	-	3	3	6	-	2	2	-	-
Jefferson	23	-	7	6	3	4	2	1	-	-
Jewell	2	-	-	1	1	-	-	-	-	-
Johnson	1,187	2	208	369	282	164	106	52	4	-
Kearny	3	-	1	2	-	-	-	-	-	-
Kingman	2	-	1	-	1	-	-	-	-	-
Kiowa	1	-	-	1	-	-	-	-	-	-
Labette	35	-	8	12	7	5	1	2	-	-
Lane	2	-	-	1	-	-	-	1	-	-
Leavenworth	124	-	30	33	26	13	19	3	-	-
Lincoln	3	-	-	1	1	1	-	-	-	-
Linn	7	-	3	1	-	3	-	-	-	-
Logan	2	-	-	-	1	1	-	-	-	-

Table 23
Reported Abortions By Age-Group Of Patient
By County Of Residence
Kansas, 2000

County of Residence	Total	Age-Group of Patient								
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Lyon	88	1	21	38	13	10	4	1	-	-
Marion	17	-	5	5	2	3	-	2	-	-
Marshall	4	-	2	1	1	-	-	-	-	-
McPherson	36	1	14	10	5	1	4	1	-	-
Meade	3	-	1	1	-	-	1	-	-	-
Miami	41	-	12	12	4	5	5	3	-	-
Mitchell	1	-	1	-	-	-	-	-	-	-
Montgomery	64	1	14	23	10	8	6	2	-	-
Morris	1	-	-	-	-	1	-	-	-	-
Morton	5	-	3	2	-	-	-	-	-	-
Nemaha	-	-	-	-	-	-	-	-	-	-
Neosho	11	-	2	4	2	1	1	1	-	-
Ness	3	-	2	1	-	-	-	-	-	-
Norton	1	-	1	-	-	-	-	-	-	-
Osage	22	-	10	6	2	3	1	-	-	-
Osborne	1	-	-	-	-	1	-	-	-	-
Ottawa	4	-	1	1	-	-	1	1	-	-
Pawnee	4	-	2	-	2	-	-	-	-	-
Phillips	5	-	1	4	-	-	-	-	-	-
Pottawatomie	19	-	5	7	2	1	3	1	-	-
Pratt	10	-	4	1	4	-	1	-	-	-
Rawlins	-	-	-	-	-	-	-	-	-	-
Reno	111	1	31	41	24	10	3	1	-	-
Republic	4	-	1	1	2	-	-	-	-	-
Rice	7	1	1	2	-	-	3	-	-	-
Riley	170	-	34	86	29	11	9	-	1	-
Rooks	1	-	-	1	-	-	-	-	-	-
Rush	2	-	-	1	1	-	-	-	-	-
Russell	5	-	-	2	1	1	1	-	-	-
Saline	107	-	24	43	22	9	8	1	-	-
Scott	10	-	2	4	3	-	1	-	-	-
Sedgwick	1,409	9	246	509	309	194	101	39	2	-
Seward	45	-	15	12	6	8	3	1	-	-
Shawnee	454	7	89	142	93	66	42	15	-	-
Sheridan	-	-	-	-	-	-	-	-	-	-
Sherman	3	-	-	2	1	-	-	-	-	-
Smith	1	-	-	-	-	-	-	1	-	-
Stafford	2	-	-	-	-	-	1	1	-	-
Stanton	4	-	2	1	-	-	1	-	-	-
Stevens	6	-	2	-	1	3	-	-	-	-
Sumner	35	-	6	10	11	3	5	-	-	-
Thomas	3	-	-	1	1	-	1	-	-	-
Trego	4	-	-	2	-	1	-	1	-	-
Wabaunsee	9	-	3	3	-	3	-	-	-	-
Wallace	-	-	-	-	-	-	-	-	-	-
Washington	1	-	-	-	-	-	-	1	-	-
Wichita	1	-	-	-	1	-	-	-	-	-
Wilson	7	-	2	3	-	1	-	1	-	-
Woodson	4	-	-	2	1	1	-	-	-	-
Wyandotte	807	4	142	288	216	106	40	11	-	-
N.S*	20	-	3	3	6	6	1	1	-	-

*County information not collected by other states.

Table 24
Total Reported Abortions By Age-Group of Patient
By Selected Characteristics
Kansas, 2000

Selected Characteristics	Total*	Age-Group								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Total Reported	12,327	103	2,412	4,204	2,682	1,605	981	322	18	-
Residency										
Kansans in State	6,254	36	1,244	2,198	1,352	781	458	175	10	-
Kansans out-of-state	102	2	13	30	22	19	12	4	-	-
Non-residents in KS	5,971	65	1,155	1,976	1,308	805	511	143	8	-
N.S.	-	-	-	-	-	-	-	-	-	-
Race/Hispanic Origin of Patient**										
White	8,964	62	1,836	3,004	1,862	1,157	752	276	15	-
Black	2,739	37	487	1,022	661	340	156	34	2	-
Other	593	4	85	173	153	98	69	10	1	-
N.S.	31	-	4	5	6	10	4	2	-	-
Hispanic Origin	642	6	126	225	148	79	45	10	3	-
Marital Status of Patient										
Married	2,434	-	73	557	702	559	389	146	8	-
Not Married	9,854	103	2,331	3,640	1,969	1,038	589	174	10	-
N.S.	39	-	8	7	11	8	3	2	-	-
Weeks Gestation										
Under 9	7,227	32	1,147	2,479	1,725	1,006	614	210	14	-
9-12	3,061	26	717	1,087	597	362	203	67	2	-
13-16	854	7	225	312	162	85	47	16	-	-
17-21	525	8	136	165	97	50	58	10	1	-
22 & Over	640	30	184	158	96	96	57	18	1	-
N.S.	20	-	3	3	5	6	2	1	-	-
Procedure										
Suction Curettage	10,435	61	1,966	3,622	2,315	1,359	820	276	16	-
Sharp Curettage	7	1	-	1	4	1	-	-	-	-
Dilation & Evac	852	13	242	276	141	84	77	18	1	-
Med Proc. 1	1	-	-	-	-	1	-	-	-	-
Med Proc. 2	403	-	26	150	126	65	26	10	-	-
Intra-Uterine Pros. Instillation	1	-	-	-	1	-	-	-	-	-
Hysterotomy	-	-	-	-	-	-	-	-	-	-
Hysterectomy	-	-	-	-	-	-	-	-	-	-
Digoxin/Induction	628	28	178	155	95	95	58	18	1	-
"Partial Birth" Procedure	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
N.S.	-	-	-	-	-	-	-	-	-	-
Previous Pregnancies										
None	3,675	100	1,695	1,285	380	137	64	13	1	-
1	2,625	3	494	1,123	538	271	153	40	3	-
2	2,298	-	161	903	594	362	207	70	1	-
3	1,668	-	43	494	521	317	212	78	3	-
4	984	-	15	226	315	228	150	47	3	-
5 & Over	1,077	-	4	173	334	290	195	74	7	-
N.S.	-	-	-	-	-	-	-	-	-	-

Table 24
Total Reported Abortions By Age-Group of Patient
By Selected Characteristics
Kansas, 2000

Selected Characteristics	Total*	Age-Group								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Previous Induced Abortions										
None	7,725	101	2,084	2,679	1,396	800	488	168	9	-
1	3,106	2	282	1,128	824	474	303	90	3	-
2	980	-	34	297	293	205	107	39	5	-
3	354	-	11	75	114	84	51	18	1	-
4	102	-	1	12	36	30	20	3	-	-
5 & Over	60	-	-	13	19	12	12	4	-	-
N.S.	-	-	-	-	-	-	-	-	-	-
Number of Living Children										
None	5,270	102	1,978	1,932	742	306	164	43	3	-
1	3,243	1	368	1,347	776	439	244	65	3	-
2	2,390	-	58	703	709	493	311	110	6	-
3	966	-	7	171	308	251	167	59	3	-
4	307	-	1	43	111	70	50	32	-	-
5 & Over	151	-	-	8	36	46	45	13	3	-
N.S.	-	-	-	-	-	-	-	-	-	-
Children Born Alive Now Dead										
None	12,033	103	2,388	4,087	2,609	1,560	953	318	15	-
1	212	-	23	86	39	33	24	4	3	-
2	55	-	1	21	25	6	2	-	-	-
3	23	-	-	7	8	6	2	-	-	-
4	3	-	-	2	1	-	-	-	-	-
5 & Over	1	-	-	1	-	-	-	-	-	-
N.S.	-	-	-	-	-	-	-	-	-	-
Spontaneous Terminations										
None	10,490	103	2,320	3,696	2,174	1,223	728	234	12	-
1	1,478	-	83	440	414	281	197	59	4	-
2	250	-	7	56	72	61	35	17	2	-
3	73	-	1	7	21	25	10	9	-	-
4	24	-	1	4	1	8	10	-	-	-
5 & Over	12	-	-	1	-	7	1	3	-	-
N.S.	-	-	-	-	-	-	-	-	-	-

* Totals are larger than the ones reported in the preliminary report due to induced termination of pregnancy reports received from other states after the Kansas reporting deadline. The not stated (N.S.) represent patients who refused to provide information or information not collected by other states.

** Hispanic origin may be of any race.

Table 25
Reported Abortions By Race And Hispanic Origin Of Patient
By Marital Status
Kansas, 2000

Race and Hispanic Origin of Patient	Total		Marital Status				
			Married		Unmarried		
	Number	Percent	Number	Percent	Number	Percent	N.S.
Total	12,327	100.0	2,434	19.8	9,854	80.2	39
White	8,964	100.0	1,860	20.8	7,085	79.2	19
Black	2,739	100.0	324	11.8	2,414	88.2	1
Native American	118	100.0	22	18.6	96	81.4	-
Asian/Pacific	450	100.0	220	48.9	230	51.1	-
Other	25	100.0	2	*	23	*	-
N.S.	31	100.0	6	n/a	6	n/a	19
Hispanic Origin**	960	100.0	235	24.6	720	75.4	5

*Percent does not meet statistical standards of precision or reliablity
(designated whenever the denominator is less than 50).
**Hispanic origin can be of any race.

Table 26
Reported Abortions By Race And Hispanic Origin Of Patient
By Weeks Gestation
Kansas, 2000

Race and Hispanic Origin of Patient	Total		Weeks Gestation										
			Under 9		9-12		13-16		17-21		22 & Over		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	N.S.
Total	12,327	100.0	7,227	58.7	3,061	24.9	854	6.9	525	4.3	640	5.2	20
White	8,964	100.0	5,368	59.9	2,154	24.0	583	6.5	384	4.3	474	5.3	1
Black	2,739	100.0	1,490	54.4	794	29.0	237	8.6	111	4.1	107	3.9	-
Native American	118	100.0	57	48.3	29	24.6	15	12.7	12	10.2	5	4.2	-
Asian/Pacific	450	100.0	295	65.6	75	16.7	16	3.5	16	3.5	48	10.7	-
Other	25	100.0	10	*	8	*	3	*	-	-	4	-	-
N.S.	31	100.0	7	n/a	1	n/a	-	n/a	2	n/a	2	n/a	19
Hispanic Origin**	960	100.0	572	59.6	251	26.1	67	7.0	38	4.0	32	3.3	-

*Percent does not meet statistical standards of precision or reliablity
(designated whenever the denominator is less than 50).
**Hispanic origin can be of any race.

Reported Abortions: Percent Distribution by Weeks Gestation

Kansas, 2000

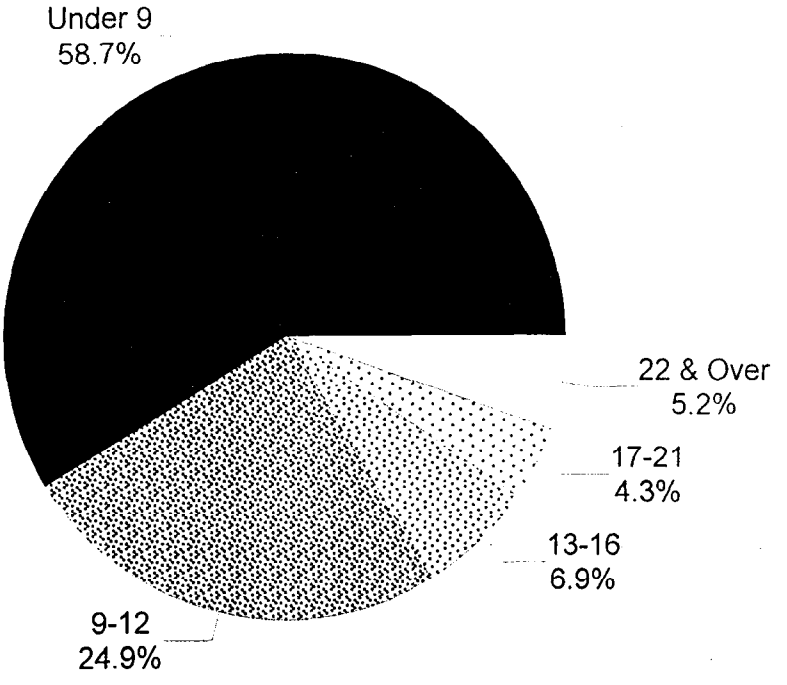


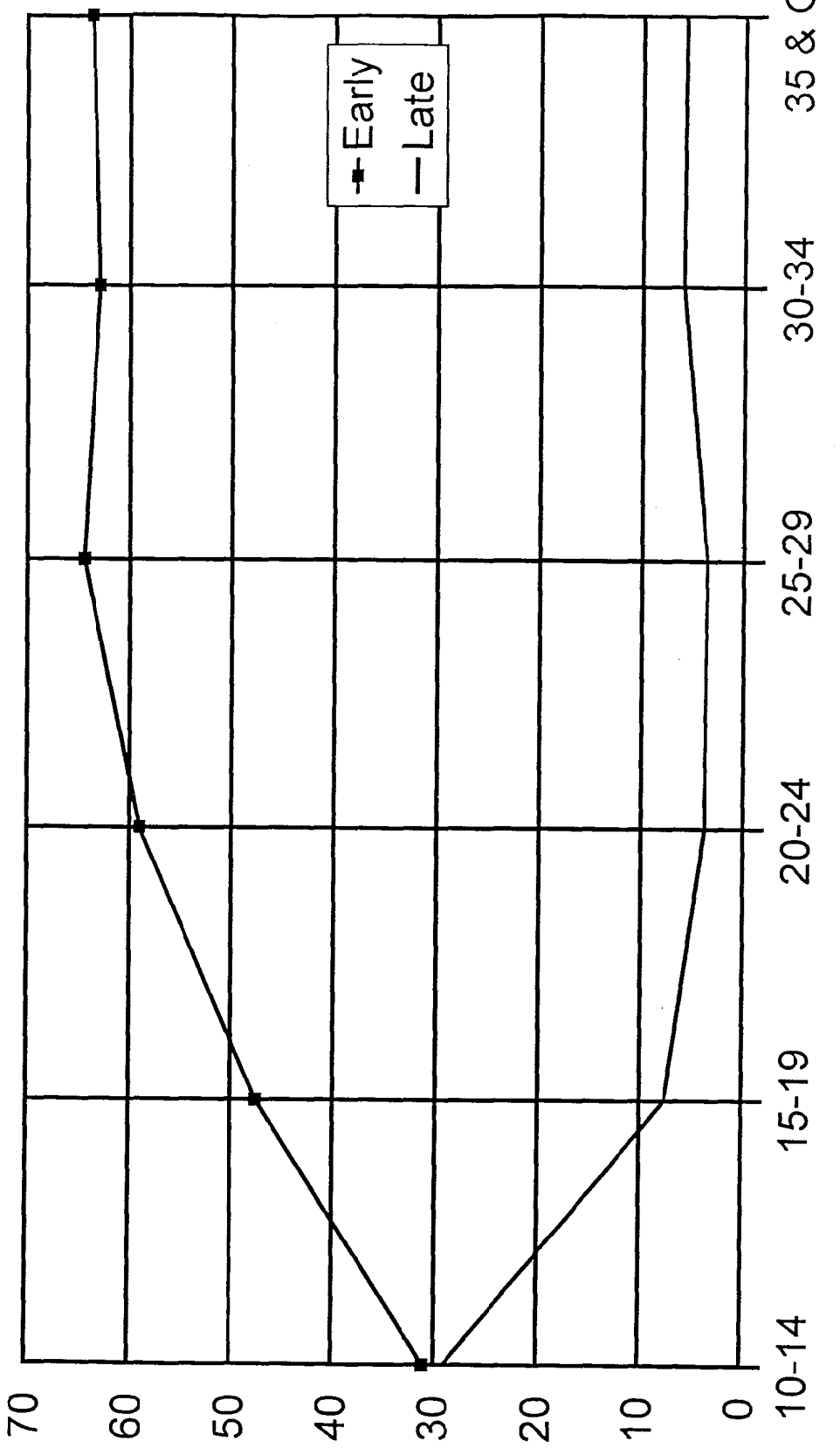
Figure 23

Table 27
Reported Abortions By Termination Procedure
By Weeks Gestation
Kansas, 2000

Termination Procedure	Total	Weeks Gestation					
		Under 9	9-12	13-16	17-21	22 & Over	N.S.
Total	12,327	7,227	3,061	854	525	640	20
Suction Curettage	10,435	6,820	3,050	516	27	2	20
Sharp Curettage	7	3	4	-	-	-	-
Dilation & Evacuation	852	5	2	338	493	14	-
Medical Procedure I	1	1	-	-	-	-	-
Medical Procedure II	403	398	5	-	-	-	-
Intra-Uterine Prostaglandin Instillation	1	-	-	-	1	-	-
Hysterotomy	-	-	-	-	-	-	-
Hysterectomy	-	-	-	-	-	-	-
Digoxin/Induction	628	-	-	-	4	624	-
"Partial Birth" Procedure	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
N.S.	-	-	-	-	-	-	-

Percentage of Women Who Obtained Early* or Late** Abortions, by Age-Group

Kansas, 2000



*< 9 weeks of gestation
**>21 weeks of gestation

Figure 24

In 2000, 55.9 percent of the reported fetal deaths occurred to mothers in the 20-29 age-group. (Table 28)

In 2000, 73.7 percent of all fetal deaths weighed less than 2,500 grams, with a fetal death rate of 44.8 deaths per 1,000 live births plus fetal deaths. For comparison, in 1990, 76.6 percent of reported fetal deaths weighed less than 2,500 grams but occurred at a rate of 63.3 deaths per 1,000 live births plus fetal deaths. (Figure 25)

Examining the components that constitute perinatal period III mortality, the numbers of fetal deaths and hebdomadal deaths declined 58.2 percent and 69.4 percent respectively from 1970 to 2000. In 2000, there were 32.3 perinatal period III deaths, representing a death rate of 8.1 deaths per 1,000 live births plus fetal deaths. This rate has decreased 65.2 percent from the 1970 rate of 23.3. (Tables 29 and 30, Figure 26)

A total of 266 infant deaths occurred to Kansas residents in 2000. The overall infant death rate for 2000 (6.7) is the lowest ever recorded for Kansas residents. For comparison, the 2000 rate (6.7) represents a decrease of 62.1 percent from the rate of 17.7 in 1970. The white infant death rate was 6.4 deaths per 1,000 live births in 2000, a decrease of 61.7 percent from the rate of 16.7 in 1970. The 2000 infant death rate of 11.5 for black residents of Kansas was the second lowest rate in the past 30 years, higher only than the rate of 9.7 in 1998. (Figure 27, Table 31)

During the five-year period, 1996-2000, the infant death rate for Kansas was 7.3. Elk county had the highest infant death rate (22.1) during this time period. Of those counties reporting infant deaths, Doniphan county had the lowest rate (2.0). Fourteen counties had no infant deaths. (Table 32)

Of all infant deaths in 2000, 41.4 percent were attributed to conditions originating in the perinatal period, 27.8 percent were attributed to congenital anomalies, 15.8 percent to sudden infant death syndrome and 15.0 percent to all other causes. (Table 33)

For each year from 1990 to 2000 there were five or fewer maternal deaths among Kansas residents. The maternal death rate for Kansas in 2000 was 1.0 deaths per 10,000 live births, a 23.1 percent decrease from the 1970 rate of 1.3. (Figure 29)

Table 28
Fetal Deaths By Age-Group Of Mother
By County Of Residence
Kansas, 2000

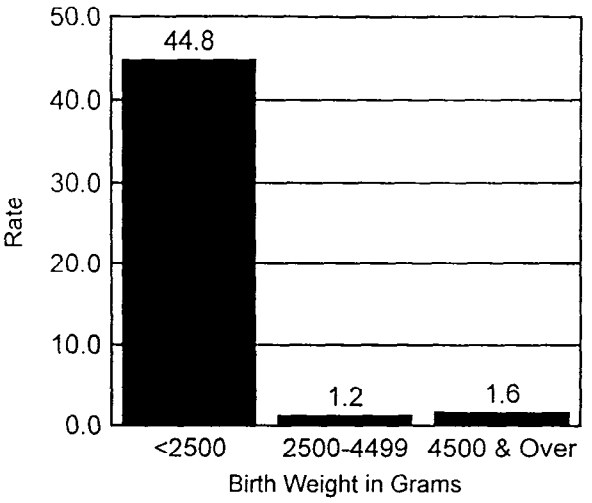
County of Residence	Total	Age-Group of Mother								
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Kansas	177	-	33	58	41	30	15	-	-	-
Allen	1	-	-	-	1	-	-	-	-	-
Anderson	1	-	-	-	1	-	-	-	-	-
Atchison	3	-	-	2	1	-	-	-	-	-
Barber	-	-	-	-	-	-	-	-	-	-
Barton	1	-	1	-	-	-	-	-	-	-
Bourbon	-	-	-	-	-	-	-	-	-	-
Brown	1	-	-	1	-	-	-	-	-	-
Butler	5	-	1	2	1	-	1	-	-	-
Chase	-	-	-	-	-	-	-	-	-	-
Chautauqua	-	-	-	-	-	-	-	-	-	-
Cherokee	-	-	-	-	-	-	-	-	-	-
Cheyenne	1	-	-	-	1	-	-	-	-	-
Clark	-	-	-	-	-	-	-	-	-	-
Clay	2	-	-	1	-	-	1	-	-	-
Cloud	2	-	2	-	-	-	-	-	-	-
Coffey	-	-	-	-	-	-	-	-	-	-
Comanche	-	-	-	-	-	-	-	-	-	-
Cowley	6	-	2	4	-	-	-	-	-	-
Crawford	1	-	-	-	-	1	-	-	-	-
Decatur	-	-	-	-	-	-	-	-	-	-
Dickinson	2	-	-	-	-	-	2	-	-	-
Doniphan	-	-	-	-	-	-	-	-	-	-
Douglas	7	-	-	2	2	1	2	-	-	-
Edwards	-	-	-	-	-	-	-	-	-	-
Elk	-	-	-	-	-	-	-	-	-	-
Ellis	1	-	-	1	-	-	-	-	-	-
Ellsworth	-	-	-	-	-	-	-	-	-	-
Finney	1	-	-	-	1	-	-	-	-	-
Ford	3	-	-	1	-	2	-	-	-	-
Franklin	-	-	-	-	-	-	-	-	-	-
Geary	2	-	2	-	-	-	-	-	-	-
Gove	-	-	-	-	-	-	-	-	-	-
Graham	-	-	-	-	-	-	-	-	-	-
Grant	2	-	1	-	-	1	-	-	-	-
Gray	-	-	-	-	-	-	-	-	-	-
Greeley	-	-	-	-	-	-	-	-	-	-
Greenwood	1	-	1	-	-	-	-	-	-	-
Hamilton	-	-	-	-	-	-	-	-	-	-
Harper	-	-	-	-	-	-	-	-	-	-
Harvey	2	-	1	-	1	-	-	-	-	-
Haskell	1	-	-	1	-	-	-	-	-	-
Hodgeman	-	-	-	-	-	-	-	-	-	-
Jackson	1	-	-	-	-	1	-	-	-	-
Jefferson	-	-	-	-	-	-	-	-	-	-
Jewell	-	-	-	-	-	-	-	-	-	-
Johnson	19	-	1	2	5	7	4	-	-	-
Kearny	1	-	1	-	-	-	-	-	-	-
Kingman	-	-	-	-	-	-	-	-	-	-
Kiowa	-	-	-	-	-	-	-	-	-	-
Labette	1	-	-	1	-	-	-	-	-	-
Lane	-	-	-	-	-	-	-	-	-	-
Leavenworth	6	-	1	1	3	1	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-	-
Linn	-	-	-	-	-	-	-	-	-	-
Logan	-	-	-	-	-	-	-	-	-	-

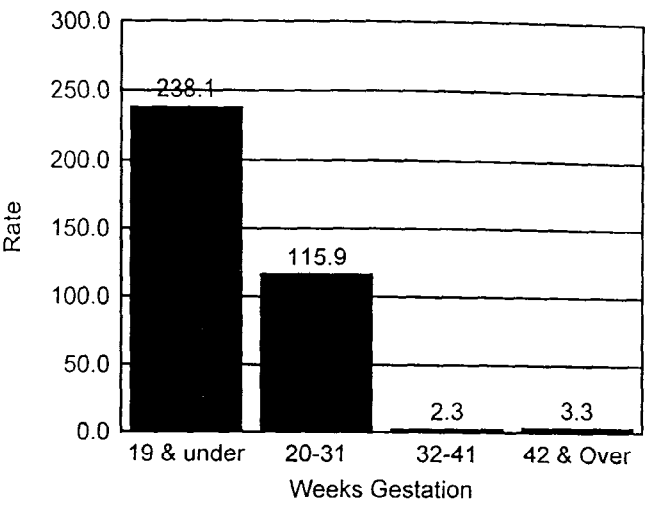
Table 28
Fetal Deaths By Age-Group Of Mother
By County Of Residence
Kansas, 2000

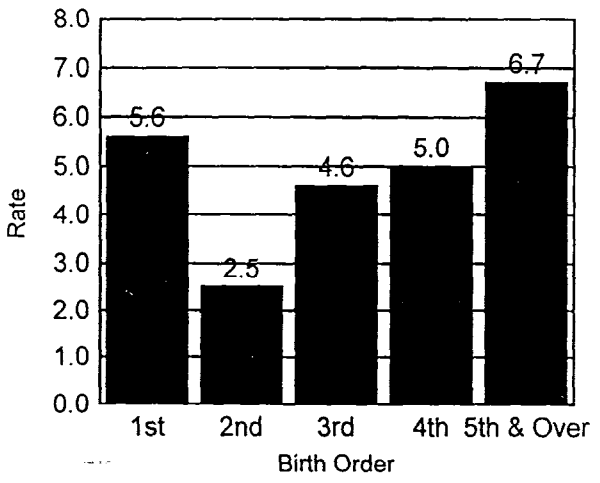
County of Residence	Total	Age-Group of Mother								
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Lyon	4	-	1	2	1	-	-	-	-	-
Marion	-	-	-	-	-	-	-	-	-	-
Marshall	-	-	-	-	-	-	-	-	-	-
McPherson	-	-	-	-	-	-	-	-	-	-
Meade	-	-	-	-	-	-	-	-	-	-
Miami	3	-	-	1	2	-	-	-	-	-
Mitchell	1	-	1	-	-	-	-	-	-	-
Montgomery	-	-	-	-	-	-	-	-	-	-
Morris	1	-	-	1	-	-	-	-	-	-
Morton	-	-	-	-	-	-	-	-	-	-
Nemaha	-	-	-	-	-	-	-	-	-	-
Neosho	-	-	-	-	-	-	-	-	-	-
Ness	-	-	-	-	-	-	-	-	-	-
Norton	-	-	-	-	-	-	-	-	-	-
Osage	-	-	-	-	-	-	-	-	-	-
Osborne	1	-	-	1	-	-	-	-	-	-
Ottawa	-	-	-	-	-	-	-	-	-	-
Pawnee	1	-	-	-	1	-	-	-	-	-
Phillips	-	-	-	-	-	-	-	-	-	-
Pottawatomie	1	-	1	-	-	-	-	-	-	-
Pratt	-	-	-	-	-	-	-	-	-	-
Rawlins	-	-	-	-	-	-	-	-	-	-
Reno	1	-	1	-	-	-	-	-	-	-
Republic	1	-	-	-	1	-	-	-	-	-
Rice	1	-	-	-	1	-	-	-	-	-
Riley	1	-	-	1	-	-	-	-	-	-
Rooks	-	-	-	-	-	-	-	-	-	-
Rush	-	-	-	-	-	-	-	-	-	-
Russell	-	-	-	-	-	-	-	-	-	-
Saline	3	-	1	-	2	-	-	-	-	-
Scott	-	-	-	-	-	-	-	-	-	-
Sedgwick	37	-	3	15	7	8	4	-	-	-
Seward	5	-	-	3	-	2	-	-	-	-
Shawnee	15	-	1	7	4	2	1	-	-	-
Sheridan	-	-	-	-	-	-	-	-	-	-
Sherman	-	-	-	-	-	-	-	-	-	-
Smith	-	-	-	-	-	-	-	-	-	-
Stafford	-	-	-	-	-	-	-	-	-	-
Stanton	-	-	-	-	-	-	-	-	-	-
Stevens	-	-	-	-	-	-	-	-	-	-
Sumner	4	-	2	1	1	-	-	-	-	-
Thomas	-	-	-	-	-	-	-	-	-	-
Trego	-	-	-	-	-	-	-	-	-	-
Wabaunsee	-	-	-	-	-	-	-	-	-	-
Wallace	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-
Wichita	-	-	-	-	-	-	-	-	-	-
Wilson	1	-	-	-	1	-	-	-	-	-
Woodson	-	-	-	-	-	-	-	-	-	-
Wyandotte	22	-	8	7	3	4	-	-	-	-

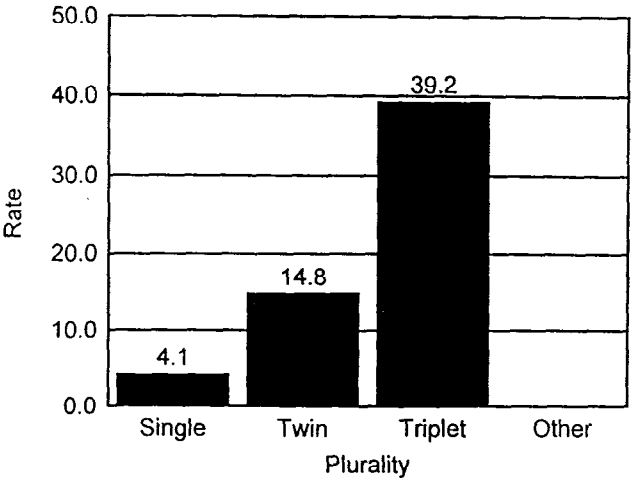
Fetal Death Rates

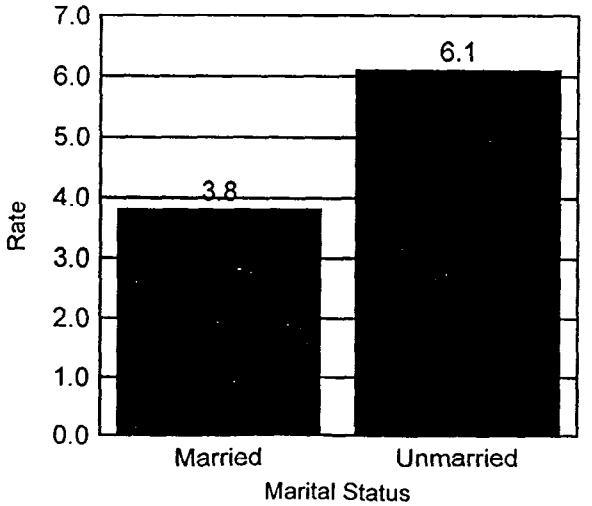
By Selected Characteristics, Kansas, 2000

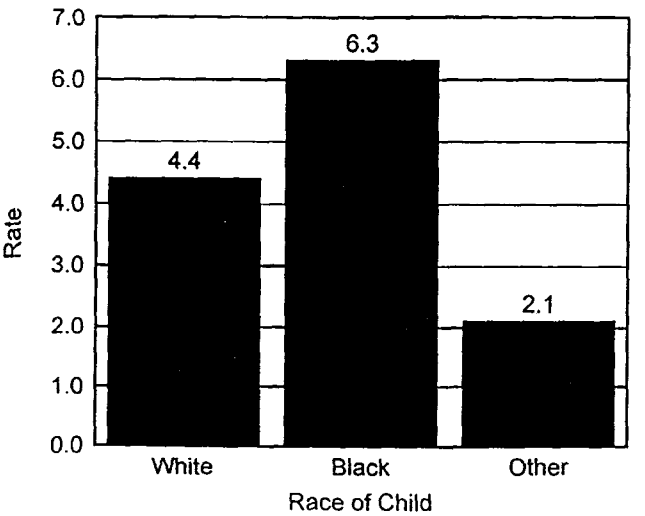












Rates per 1,000 Live Births + Fetal Deaths
Residence Data

Figure 25

Table 29
Perinatal Period III Deaths By Component
Kansas, 1970-2000

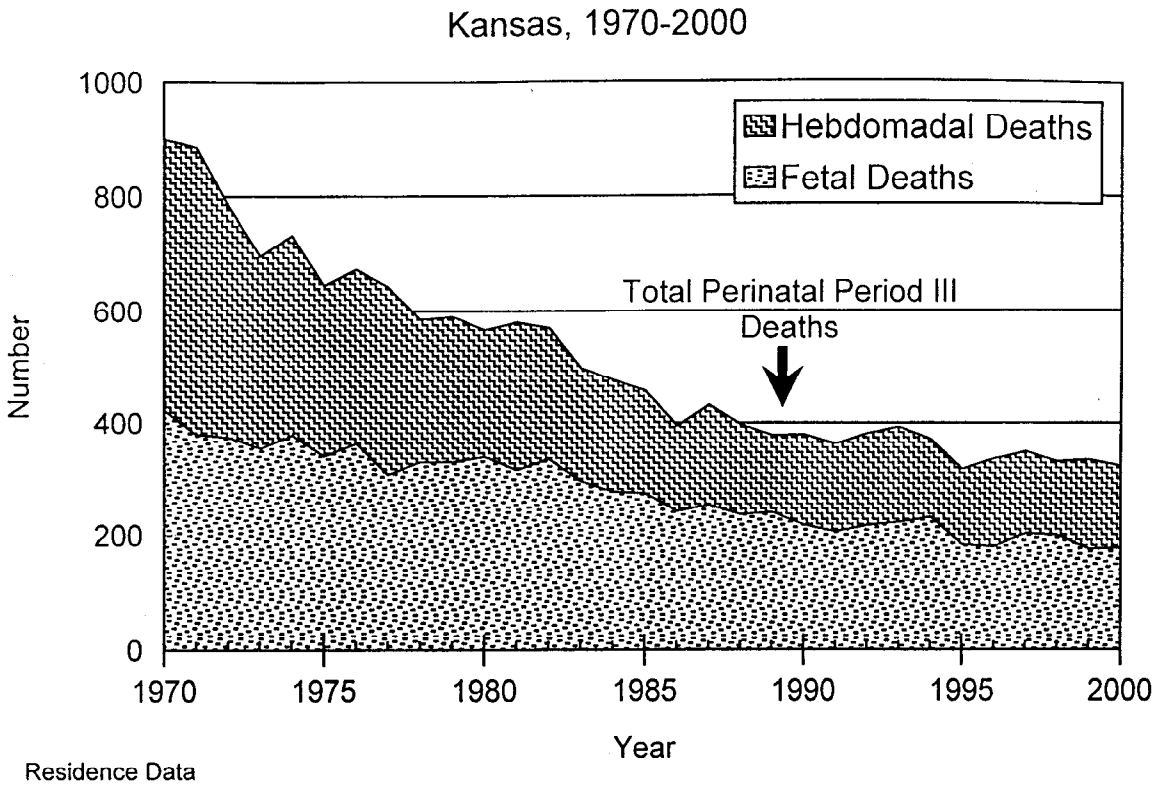
Year	Fetal Deaths	Hebdomadal Deaths	Perinatal Period III Deaths	
			Number	Rate*
1970	423	477	900	23.3
1971	380	506	886	24.3
1972	375	410	785	23.4
1973	355	342	697	21.6
1974	379	354	733	22.2
1975	341	304	645	18.9
1976	364	310	674	18.9
1977	308	335	643	17.3
1978	331	254	585	15.8
1979	330	260	590	15.0
1980	340	226	566	13.8
1981	316	264	580	14.0
1982	336	234	570	13.9
1983	296	202	498	12.2
1984	277	200	477	11.9
1985	274	184	458	11.5
1986	242	153	395	10.0
1987	253	179	432	11.2
1988	236	161	397	10.2
1989	240	138	378	9.7
1990	217	162	379	9.7
1991	205	158	363	9.6
1992	216	165	381	10.0
1993	222	171	393	10.5
1994	231	140	371	9.9
1995	183	134	317	8.5
1996	179	157	336	9.2
1997	202	147	349	9.3
1998	199	132	331	8.6
1999	175	159	334	8.6
2000	177	146	323	8.1

*Rate per 1,000 live births + fetal deaths
Residence data

Table 30
Perinatal Period III Deaths By Component
By County Of Residence
Kansas, 2000

County of Residence	Total	Perinatal Period III Deaths		County of Residence	Total	Perinatal Period III Deaths	
		Fetal Deaths	Hebdomadal Deaths			Fetal Deaths	Hebdomadal Deaths
Kansas	323	177	146				
Allen	1	1	-	Lyon	5	4	1
Anderson	2	1	1	Marion	-	-	-
Atchison	4	3	1	Marshall	-	-	-
Barber	-	-	-	McPherson	1	-	1
Barton	1	1	-	Meade	-	-	-
Bourbon	-	-	-	Miami	5	3	2
Brown	2	1	1	Mitchell	1	1	-
Butler	7	5	2	Montgomery	1	-	1
Chase	-	-	-	Morris	1	1	-
Chautauqua	-	-	-	Morton	-	-	-
Cherokee	-	-	-	Nemaha	-	-	-
Cheyenne	1	1	-	Neosho	2	-	2
Clark	-	-	-	Ness	-	-	-
Clay	2	2	-	Norton	-	-	-
Cloud	3	2	1	Osage	1	-	1
Coffey	-	-	-	Osborne	1	1	-
Comanche	-	-	-	Ottawa	-	-	-
Cowley	7	6	1	Pawnee	1	1	-
Crawford	3	1	2	Phillips	-	-	-
Decatur	-	-	-	Pottawatomie	3	1	2
Dickinson	4	2	2	Pratt	-	-	-
Doniphan	-	-	-	Rawlins	-	-	-
Douglas	12	7	5	Reno	5	1	4
Edwards	-	-	-	Republic	1	1	-
Elk	3	-	3	Rice	1	1	-
Ellis	2	1	1	Riley	1	1	-
Ellsworth	2	-	2	Rooks	-	-	-
Finney	8	1	7	Rush	-	-	-
Ford	6	3	3	Russell	1	-	1
Franklin	1	-	1	Saline	5	3	2
Geary	4	2	2	Scott	-	-	-
Gove	-	-	-	Sedgwick	75	37	38
Graham	-	-	-	Seward	9	5	4
Grant	4	2	2	Shawnee	25	15	10
Gray	1	-	1	Sheridan	-	-	-
Greeley	-	-	-	Sherman	-	-	-
Greenwood	1	1	-	Smith	-	-	-
Hamilton	-	-	-	Stafford	-	-	-
Harper	-	-	-	Stanton	-	-	-
Harvey	3	2	1	Stevens	-	-	-
Haskell	1	1	-	Sumner	4	4	-
Hodgeman	-	-	-	Thomas	-	-	-
Jackson	2	1	1	Trego	-	-	-
Jefferson	-	-	-	Wabaunsee	-	-	-
Jewell	-	-	-	Wallace	-	-	-
Johnson	42	19	23	Washington	-	-	-
Kearny	1	1	-	Wichita	-	-	-
Kingman	2	-	2	Wilson	1	1	-
Kiowa	-	-	-	Woodson	-	-	-
Labette	1	1	-	Wyandotte	29	22	7
Lane	-	-	-				
Leavenworth	10	6	4				
Lincoln	-	-	-				
Linn	1	-	1				
Logan	-	-	-				

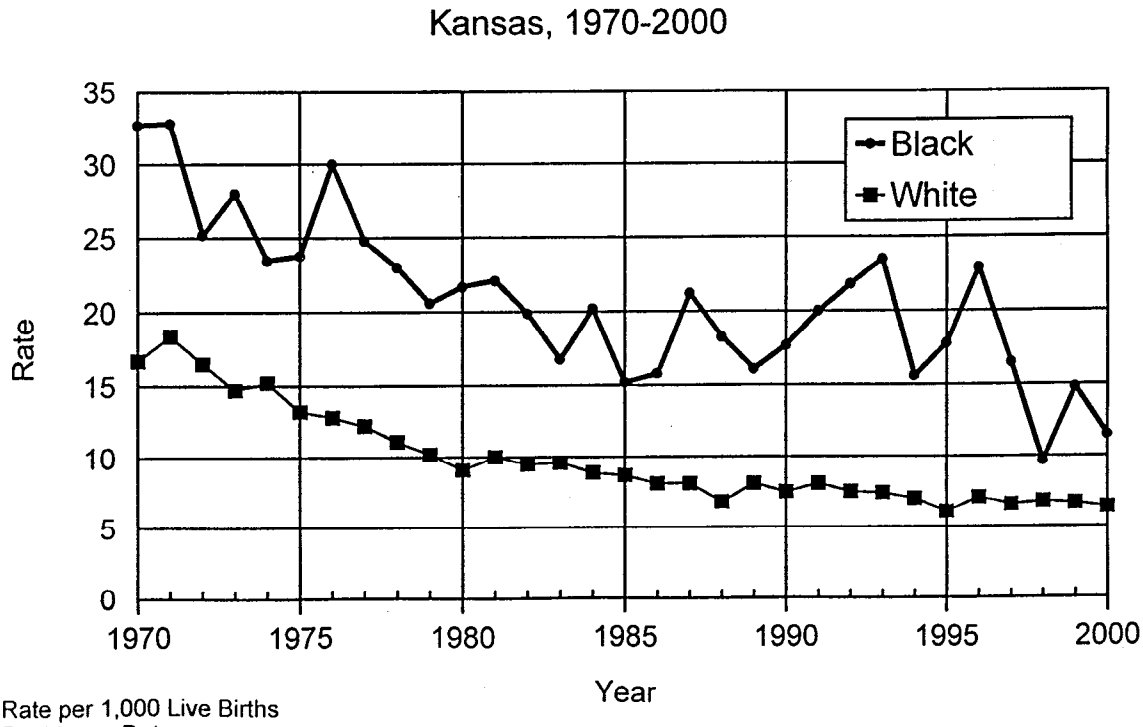
Perinatal Period III Deaths By Component



Residence Data

Figure 26

Infant Deaths Rates by Race of Mother



Rate per 1,000 Live Births
Residence Data

Figure 27

Table 31
Infant Death Rates*
By Race Of Mother
Kansas, 1970-2000

Year	White			Black			Total Infant Death Rate: All Races**
	Live Births	Infant Deaths	Rate	Live Births	Infant Deaths	Rate	
1970	35,352	590	16.7	2,511	82	32.7	17.7
1971	33,172	611	18.4	2,466	81	32.8	19.4
1972	30,351	502	16.5	2,377	60	25.2	17.2
1973	29,328	431	14.7	2,214	62	28.0	15.5
1974	30,046	458	15.2	2,212	52	23.5	15.7
1975	30,980	408	13.2	2,226	53	23.8	13.9
1976	32,220	414	12.8	2,433	73	30.0	13.9
1977	33,657	411	12.2	2,577	64	24.8	13.0
1978	33,277	369	11.1	2,691	62	23.0	12.0
1979	35,315	360	10.2	2,918	60	20.6	11.0
1980	36,772	336	9.1	3,129	68	21.7	10.1
1981	37,253	374	10.0	3,030	67	22.1	11.0
1982	36,650	350	9.5	3,065	61	19.9	10.2
1983	36,424	349	9.6	2,971	50	16.8	10.1
1984	36,025	322	8.9	2,916	59	20.2	9.8
1985	35,551	308	8.7	2,890	44	15.2	9.1
1986	35,142	283	8.1	3,032	48	15.8	8.6
1987	34,371	279	8.1	3,068	65	21.2	9.2
1988	34,541	234	6.8	3,176	58	18.3	7.9
1989	34,387	278	8.1	3,235	52	16.1	8.8
1990	34,605	261	7.5	3,328	59	17.7	8.4
1991	33,404	269	8.1	3,154	63	20.0	9.0
1992	33,472	252	7.5	3,310	72	21.8	8.8
1993	32,896	242	7.4	3,230	76	23.5	8.7
1994	33,041	230	7.0	3,133	49	15.6	7.6
1995	32,964	201	6.1	2,867	51	17.8	6.9
1996	32,610	230	7.1	2,755	63	22.9	8.2
1997	33,118	218	6.6	2,794	46	16.5	7.4
1998	34,192	234	6.8	2,771	27	9.7	6.9
1999	34,483	230	6.7	2,841	42	14.8	7.3
2000	35,158	224	6.4	2,858	33	11.5	6.7

*Rate per 1,000 live births
**Other nonwhite data is not included in this table due to the small numbers but is available upon request.
Residence data

Table 32
Infant Deaths By County Of Residence
And By Peer Group*
Kansas, 1996-2000

County of Residence	Year					Total Infant Deaths 1996-2000	Infant Death Rate** 1996-2000
	1996	1997	1998	1999	2000		
Kansas	299	274	263	281	266	1,383	7.3
Allen	-	-	1	1	-	2	2.2
Anderson	1	-	-	1	1	3	6.0
Atchison	1	-	1	2	4	8	7.7
Barber	-	-	-	-	-	-	-
Barton	4	4	5	1	-	14	7.7
Bourbon	1	1	3	2	2	9	9.1
Brown	2	1	4	1	2	10	14.7
Butler	11	3	8	4	4	30	7.9
Chase	-	1	-	-	-	1	4.6
Chautauqua	-	3	-	-	-	3	18.0
Cherokee	3	2	-	3	2	10	6.9
Cheyenne	-	1	-	-	-	1	6.6
Clark	1	-	-	-	-	1	7.6
Clay	-	1	2	1	-	4	8.7
Cloud	2	-	-	-	1	3	6.0
Coffey	-	2	-	-	1	3	5.9
Comanche	-	-	-	-	-	-	-
Cowley	4	1	2	4	1	12	5.3
Crawford	1	2	3	4	4	14	5.3
Decatur	1	-	-	-	-	1	6.6
Dickinson	-	1	1	1	4	7	6.3
Doniphan	-	-	1	-	-	1	2.0
Douglas	11	4	9	3	7	34	6.0
Edwards	-	-	-	-	2	2	9.9
Elk	-	-	-	-	3	3	22.1
Ellis	4	2	3	4	2	15	9.2
Ellsworth	1	1	-	1	2	5	18.7
Finney	7	7	6	1	11	32	7.1
Ford	2	8	3	5	7	25	7.9
Franklin	2	4	4	3	1	14	8.0
Geary	11	7	13	15	4	50	16.6
Gove	-	-	-	-	-	-	-
Graham	1	-	-	-	1	2	16.3
Grant	1	2	1	2	2	8	10.6
Gray	-	-	1	-	1	2	4.4
Greeley	-	-	-	-	-	-	-
Greenwood	1	1	3	-	-	5	12.1
Hamilton	-	1	-	-	-	1	5.4
Harper	-	-	-	-	-	-	-
Harvey	3	3	4	1	1	12	5.8
Haskell	-	-	1	-	-	1	2.5
Hodgeman	1	-	-	-	-	1	10.4
Jackson	-	-	-	6	1	7	8.8
Jefferson	5	3	1	-	2	11	10.5
Jewell	1	-	-	-	1	2	14.1
Johnson	38	32	31	34	42	177	5.5
Kearny	-	-	1	-	-	1	2.7
Kingman	-	2	-	-	2	4	8.5
Kiowa	1	-	-	-	-	1	5.2
Labette	3	-	1	2	4	10	7.3
Lane	-	-	-	-	-	-	-
Leavenworth	5	6	10	6	6	33	7.7
Lincoln	-	-	-	1	1	2	11.8
Linn	2	-	-	2	2	6	11.5
Logan	-	1	-	-	-	1	5.6

Table 32
Infant Deaths By County Of Residence
And By Peer Group*
Kansas, 1996-2000

County of Residence	Year					Total Infant Deaths 1996-2000	Infant Death Rate** 1996-2000
	1996	1997	1998	1999	2000		
Lyon	5	3	4	1	2	15	5.9
Marion	-	1	-	1	1	3	4.2
Marshall	-	1	2	-	-	3	5.6
McPherson	1	3	1	1	2	8	4.7
Meade	1	2	-	-	1	4	11.8
Miami	3	2	1	2	5	13	7.4
Mitchell	1	1	-	-	-	2	6.0
Montgomery	2	3	5	5	1	16	7.1
Morris	-	-	2	1	-	3	8.8
Morton	-	-	-	-	-	-	-
Nemaha	1	3	1	1	-	6	8.1
Neosho	-	-	2	2	3	7	7.1
Ness	-	-	-	-	-	-	-
Norton	-	-	-	1	-	1	3.7
Osage	3	1	-	1	2	7	7.1
Osborne	-	-	1	-	-	1	5.1
Ottawa	-	-	1	1	-	2	5.8
Pawnee	2	-	-	-	-	2	5.3
Phillips	-	-	-	-	-	-	-
Pottawatomie	1	1	2	3	2	9	6.8
Pratt	1	1	-	-	-	2	3.6
Rawlins	-	-	1	-	-	1	7.6
Reno	9	5	8	5	4	31	7.4
Republic	-	-	-	-	-	-	-
Rice	1	2	1	1	-	5	8.2
Riley	4	1	2	4	1	12	2.6
Rooks	-	1	-	-	-	1	3.3
Rush	-	-	-	-	-	-	-
Russell	-	-	-	-	1	1	2.7
Saline	13	8	4	6	4	35	9.5
Scott	1	-	-	-	-	1	3.0
Sedgwick	55	71	57	62	58	303	8.2
Seward	2	3	1	5	4	15	6.1
Shawnee	25	23	16	30	23	117	9.8
Sheridan	-	-	-	-	-	-	-
Sherman	1	-	-	-	2	3	6.6
Smith	1	-	-	-	-	1	5.8
Stafford	-	2	2	-	-	4	14.1
Stanton	-	-	-	-	1	1	4.9
Stevens	1	-	-	1	-	2	4.5
Sumner	-	2	3	-	1	6	3.6
Thomas	1	1	1	3	-	6	11.0
Trego	-	-	1	-	-	1	6.5
Wabaunsee	-	-	-	-	-	-	-
Wallace	-	-	1	-	-	1	9.0
Washington	-	-	-	-	-	-	-
Wichita	-	1	1	-	-	2	10.5
Wilson	1	-	4	1	-	6	9.9
Woodson	-	-	1	-	-	1	5.7
Wyandotte	31	25	14	32	17	119	8.6
Peer Group							
Frontier	8	7	6	1	10	32	5.9
Rural	21	26	27	25	19	118	7.0
Densely -Settled Rural	41	39	37	38	53	208	6.7
Semi-Urban	69	47	66	56	37	275	7.5
Urban	160	155	127	161	147	750	7.5

* See Technical Notes for Peer Group definition.

** Rate per 1,000 live births

Table 33
Infant Deaths By Cause Of Death And Age-Group Of Infant
Kansas, 2000

Cause of Death (ICD-10 Code)	Age-Group of Infant						
	Under 1 Day	1-6 Days	Under 7 Days a/	7-27 Days	Under 28 Days b/	28-364 Days	Under 1 Year
All Causes	118	28	146	28	174	92	266
Infectious and Parasitic Diseases (A00-B99)	-	-	-	-	-	3	3
Other Diseases and Disorders (C00-O99)	3	1	4	2	6	14	20
Certain Conditions Originating in the Perinatal Period (P00-P96)	84	10	94	15	109	1	110
-Maternal Factors and Compl. of Pregnancy, Labor and Delivery (P00-P04)	21	1	22	1	23	-	23
-Disorders Relating to Short Gestation and Low Birth Weight (P07)	47	2	49	1	50	-	50
-Birth Trauma (P10-P15)	1	-	1	-	1	-	1
-Hypoxia and Birth Asphyxia (P20-P21)	1	-	1	2	3	-	3
-Respiratory Distress of Newborn (P22)	1	-	1	-	1	-	1
-Congenital Pneumonia (P23)	-	-	-	-	-	-	-
-Other Respiratory Conditions of Newborn (P24-P28)	2	3	5	1	6	-	6
-Bacterial Sepsis of Newborn (P36)	1	-	1	5	6	-	6
-Omphalitis of Newborn w/wo Mild Hemorrhage (P38)	-	-	-	-	-	-	-
-Hemorrhagic and Hematolog. Disorders of Fetus and Newborn (P50-P61)	-	1	1	4	5	-	5
-Other Perinatal Conditions (P05, P08, P29, P35, P37, P39, P70-P96)	10	3	13	1	14	1	15
Congenital Anomalies (Q00-Q99)	30	16	46	7	53	21	74
Symptoms and Abnormal Findings (R00-R99)	1	1	2	4	6	45	51
-Sudden Infant Death Syndrome (R95)	-	-	-	3	3	39	42
-Other (R00-R94, R96-R99)	1	1	2	1	3	6	9
External Causes of Mortality (V01-Y89)	-	-	-	-	-	8	8

a/Hebdomadal Deaths
b/Neonatal Deaths
Residence data

Infant Deaths by Component

Kansas, 1970-2000

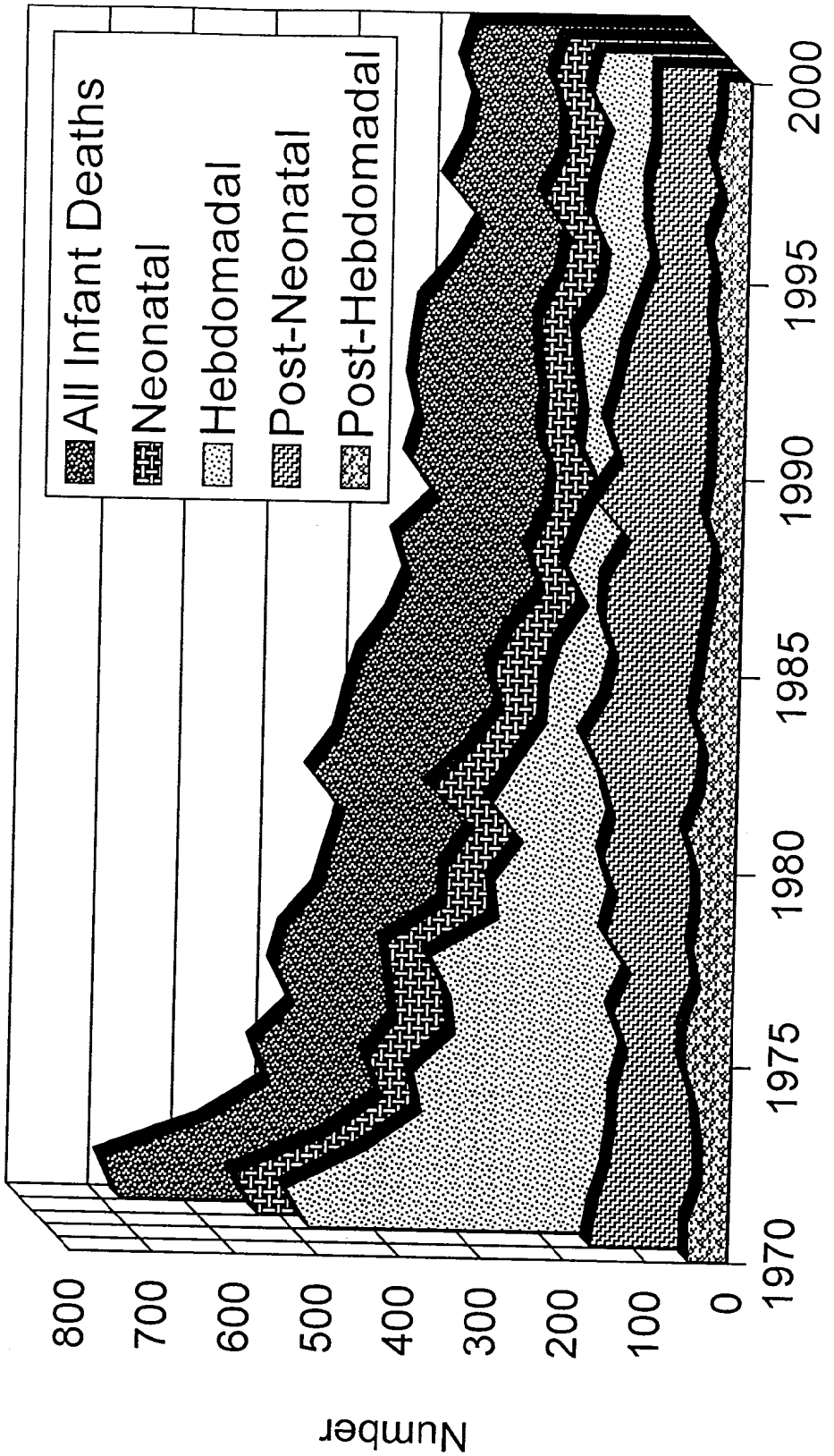


Figure 28

Table 34
Infant Deaths By Component
By County Of Residence
Kansas, 2000

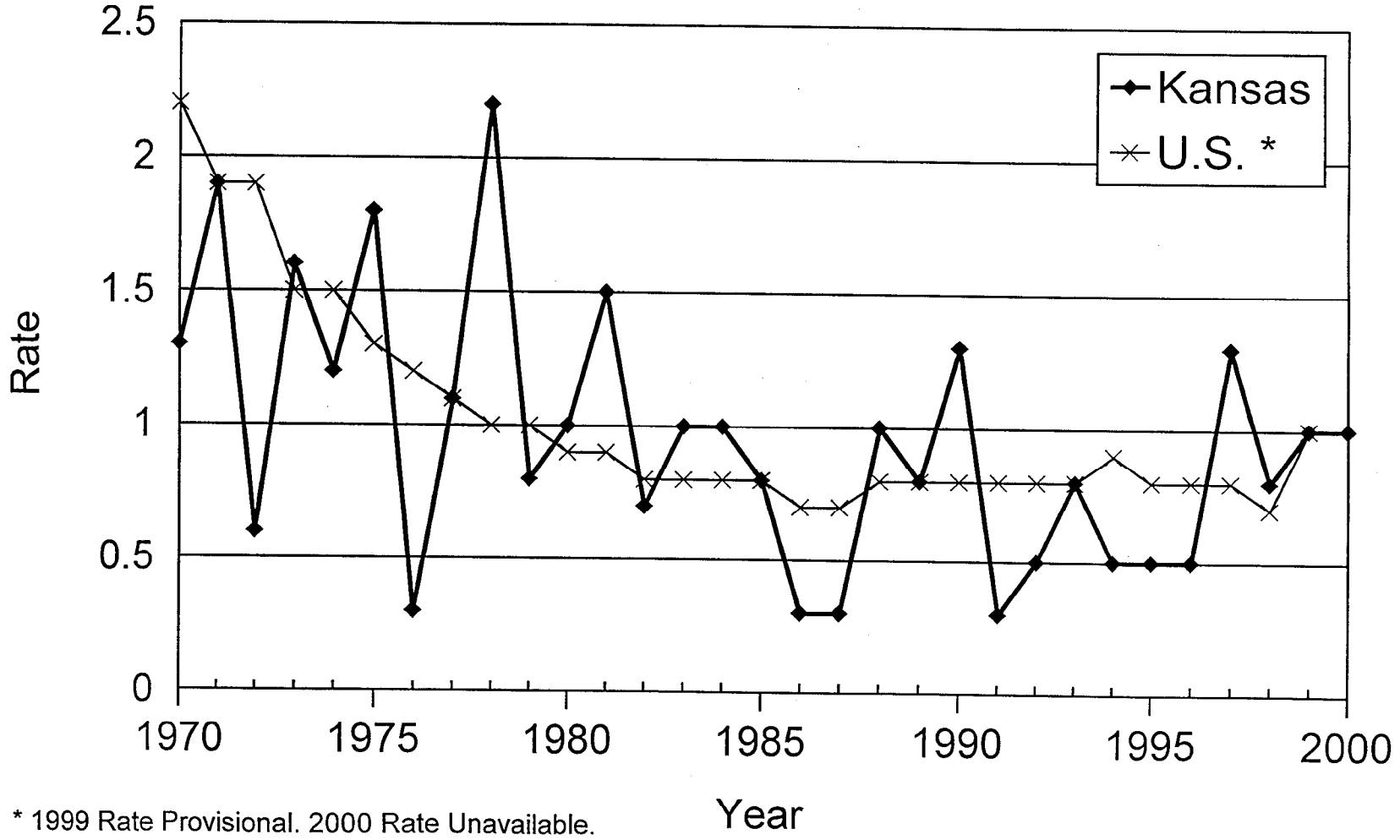
County of Residence	Hebdomadal Deaths Under 7 Days	Post-Hebdomadal Deaths 7-27 Days	Neonatal Deaths Under 28 Days	Post-Neonatal Deaths 28-364 Days	Total Infant Deaths Under 1 Year
Kansas	146	28	174	92	266
Allen	-	-	-	-	-
Anderson	1	-	1	-	1
Atchison	1	1	2	2	4
Barber	-	-	-	-	-
Barton	-	-	-	-	-
Bourbon	-	-	-	2	2
Brown	1	1	2	-	2
Butler	2	1	3	1	4
Chase	-	-	-	-	-
Chautauqua	-	-	-	-	-
Cherokee	-	1	1	1	2
Cheyenne	-	-	-	-	-
Clark	-	-	-	-	-
Clay	-	-	-	-	-
Cloud	1	-	1	-	1
Coffey	-	-	-	1	1
Comanche	-	-	-	-	-
Cowley	1	-	1	-	1
Crawford	2	-	2	2	4
Decatur	-	-	-	-	-
Dickinson	2	-	2	2	4
Doniphan	-	-	-	-	-
Douglas	5	-	5	2	7
Edwards	-	1	1	1	2
Elk	3	-	3	-	3
Ellis	1	1	2	-	2
Ellsworth	2	-	2	-	2
Finney	7	-	7	4	11
Ford	3	1	4	3	7
Franklin	1	-	1	-	1
Geary	2	1	3	1	4
Gove	-	-	-	-	-
Graham	-	-	-	1	1
Grant	2	-	2	-	2
Gray	1	-	1	-	1
Greeley	-	-	-	-	-
Greenwood	-	-	-	-	-
Hamilton	-	-	-	-	-
Harper	-	-	-	-	-
Harvey	1	-	1	-	1
Haskell	-	-	-	-	-
Hodgeman	-	-	-	-	-
Jackson	1	-	1	-	1
Jefferson	-	-	-	2	2
Jewell	-	-	-	1	1
Johnson	23	6	29	13	42
Kearny	-	-	-	-	-
Kingman	2	-	2	-	2
Kiowa	-	-	-	-	-
Labette	-	-	-	4	4
Lane	-	-	-	-	-
Leavenworth	4	-	4	2	6
Lincoln	-	-	-	1	1
Linn	1	-	1	1	2
Logan	-	-	-	-	-

Table 34
Infant Deaths By Component
By County Of Residence
Kansas, 2000

County of Residence	Hebdomadal Deaths Under 7 Days	Post-Hebdomadal Deaths 7-27 Days	Neonatal Deaths Under 28 Days	Post-Neonatal Deaths 28-364 Days	Total Infant Deaths Under 1 Year
Lyon	1	1	2	-	2
Marion	-	1	1	-	1
Marshall	-	-	-	-	-
McPherson	1	-	1	1	2
Meade	-	-	-	1	1
Miami	2	1	3	2	5
Mitchell	-	-	-	-	-
Montgomery	1	-	1	-	1
Morris	-	-	-	-	-
Morton	-	-	-	-	-
Nemaha	-	-	-	-	-
Neosho	2	1	3	-	3
Ness	-	-	-	-	-
Norton	-	-	-	-	-
Osage	1	-	1	1	2
Osborne	-	-	-	-	-
Ottawa	-	-	-	-	-
Pawnee	-	-	-	-	-
Phillips	-	-	-	-	-
Pottawatomie	2	-	2	-	2
Pratt	-	-	-	-	-
Rawlins	-	-	-	-	-
Reno	4	-	4	-	4
Republic	-	-	-	-	-
Rice	-	-	-	-	-
Riley	-	-	-	1	1
Rooks	-	-	-	-	-
Rush	-	-	-	-	-
Russell	1	-	1	-	1
Saline	2	-	2	2	4
Scott	-	-	-	-	-
Sedgwick	38	2	40	18	58
Seward	4	-	4	-	4
Shawnee	10	6	16	7	23
Sheridan	-	-	-	-	-
Sherman	-	-	-	2	2
Smith	-	-	-	-	-
Stafford	-	-	-	-	-
Stanton	-	-	-	1	1
Stevens	-	-	-	-	-
Sumner	-	-	-	1	1
Thomas	-	-	-	-	-
Trego	-	-	-	-	-
Wabaunsee	-	-	-	-	-
Wallace	-	-	-	-	-
Washington	-	-	-	-	-
Wichita	-	-	-	-	-
Wilson	-	-	-	-	-
Woodson	-	-	-	-	-
Wyandotte	7	2	9	8	17

Maternal Mortality Rates

Kansas and the U.S., 1970-2000



* 1999 Rate Provisional. 2000 Rate Unavailable.
Rate per 10,000 Live Births
Residence Data

Figure 29

Deaths

Notice: Deaths in year 2000 were coded using the new ICD-10 coding system. (see Technical Notes page 139)

There were 24,676 resident deaths recorded in Kansas during 2000, an increase of 1.2 percent from the 1999 total of 24,380. There was no change in the 2000 death rate (9.2) from the previous year. (Table 35)

Comanche, Elk, Republic and Smith counties had the highest five-year (1996-2000) county death rates of 17.7, 17.5, 17.0, and 17.0 deaths per 1,000 population respectively. Riley, Douglas, and Finney counties had the lowest five-year death rates of 4.5, 5.3, and 5.5 deaths per 1,000 population respectively. (Table 35, Figure 30)

Belleville, Eureka, and Neodesha had the highest five-year city death rates (1996-2000) of 26.8, 22.4, and 19.6 respectively. Olathe, Lawrence, Roeland Park, Shawnee and Mission Hills experienced the lowest five-year city death rates of 4.6, 4.8, 5.3, 5.3 and 5.3 respectively. (Table 36)

The Kansas death rate in 2000 was 9.2 deaths per 1,000 population, which was 5.7 percent higher than the estimated U.S. rate of 8.7 deaths per 1,000 population. (Figure 31)

The Kansas age-adjusted death rate per 1,000 standard U.S. 2000 population has been consistently below that of the U.S. during the 1990s. (Table 38, Figure 32)

The state's 2000 age-adjusted death rate for males (10.3) was 43.1 percent higher than the rate of 7.2 for females. (Table 38)

The average age at death of Kansas residents in 2000 was 74.7 years, a 2.0 percent increase from the average age at death of 73.2 years in 1990. (Figure 33, Table 39)

The average age at death for the white population in 2000 was 75.4 years, over ten years older than that of the black population, whose average age at death was 64.7 years. (Table 40)

The two leading causes of death in Kansas in 2000, heart disease and malignant neoplasms, had average ages at death of 79.5 and 71.8 years respectively. Atherosclerosis, with an average age at death of 86.6 years, had the highest average age at death of any of the leading causes of death. (Table 43)

The average age at death for male unintentional injury victims for 1990 and 2000 was 41.2 and 47.4 respectively, while for females the average age was 58.6 and 59.2 years respectively. For this time period, the average age at death increased for female unintentional injury victims 1.0 percent while for male unintentional injury victims it increased 15.0 percent. (Table 43)

The cause-specific death rate for Alzheimer's Disease in Kansas was 23.2 deaths per 100,000 population in 2000. The rate for females (31.0) was more than twice as high as the rate for males (15.3). (Table 43)

Deaths (Cont.)

The cancer death rate for 2000 was 194.0 deaths per 100,000 population, 4.2 percent lower than the rate of 202.5 in 1990. (Tables 43 and 44)

In 2000, the unintentional injury death rate was 40.2 deaths per 100,000 population, 8.4 percent higher than the rate of 37.1 in 1990. (Tables 43 and 44)

The age-adjusted death rate for the leading cause of death, heart disease, was 232.7, and for cancer, the second leading cause of death, the age-adjusted death rate was 186.7 per 100,000 standard U.S. 2000 population. Together, these two causes accounted for almost 50 percent of all Kansas resident deaths. (Table 44)

Heart disease reached a high of 393.4 deaths per 100,000 population in 1973 and gradually declined to 256.3 deaths per 100,000 population in 2000. Conversely, cancer rates steadily increased from 140.6 to 207.1 deaths per 100,000 population from 1956 to 1996, but have declined since 1996, to 194.0 in 2000. (Figure 34)

In 2000, Kansans died from cerebrovascular disease at slightly more than half the rate of forty years ago, with the death rates for this disease going from 122.2 in 1960 to 68.0 in 2000. The death rate for unintentional injury also declined, going from 57.7 in 1960 to 40.2 in 2000, a 30.3 percent decrease. (Figure 34)

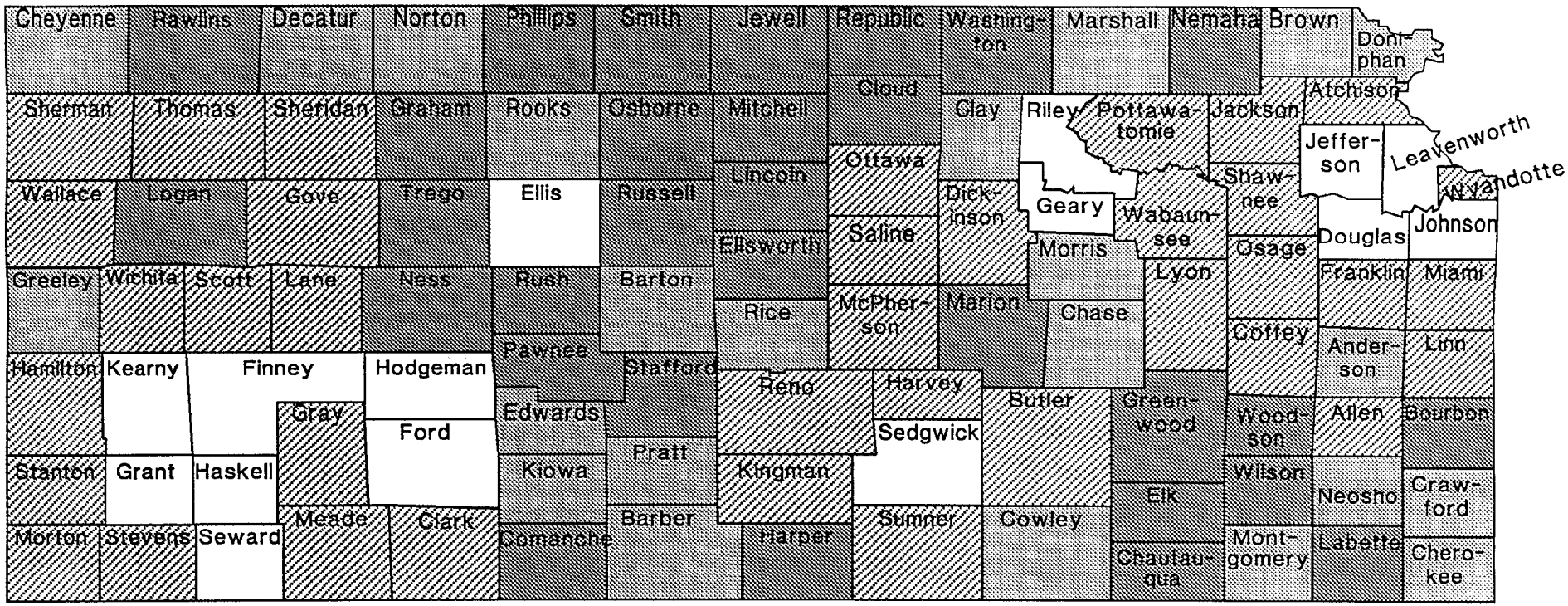
In 2000, unintentional injuries were the leading cause of death for Kansas residents 1-44 years of age. (Figure 35)

In 2000, cancer of the digestive organs, respiratory and intrathoracic organs, and breast were the leading causes of cancer deaths in women. (Table 46)

The dominant occupations for deaths due to unintentional injuries and homicides were operators, fabricators and laborers. (Table 50)

Mortality in Kansas was responsible for 186,237 years of potential life lost in 2000. Cancer was the second leading cause of death in Kansas, but accounted for the most years of potential life lost (41,163). Unintentional injuries represented over two times the years of potential life lost among men (19,335 years) compared to women (9,476 years). (Table 52, Figure 36)

Death Rates
By County Of Residence
Kansas, 2000



Deaths Per 1,000 Population

State Rate: 9.2

Legend

- Under 9.0
- 9.0 to 11.9
- 12.0 to 13.9
- 14.0 and over

Figure 30

Table 35
Deaths By Number And Rate*
By County Of Residence And By Peer Group**
Kansas, 1996-2000

County of Residence	Year										5-Year Rate
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Kansas	23,788	9.2	23,609	9.1	23,928	9.1	24,380	9.2	24,676	9.2	9.2
Allen	177	12.1	183	12.7	183	12.6	195	13.5	169	11.7	12.5
Anderson	104	12.9	99	12.3	103	12.8	91	11.2	104	12.8	12.4
Atchison	170	10.5	181	11.1	203	12.0	190	11.3	183	10.9	11.2
Barber	95	17.3	88	16.3	93	17.4	74	14.1	73	13.8	15.8
Barton	305	10.9	302	10.8	311	11.3	350	12.2	351	12.4	11.5
Bourbon	216	14.2	210	13.8	222	14.5	196	13.1	221	14.4	14.0
Brown	169	15.4	160	14.5	151	13.6	134	12.3	135	12.6	13.7
Butler	479	8.1	474	7.9	482	7.8	512	8.2	580	9.8	8.4
Chase	45	15.6	39	13.5	46	15.6	53	18.6	37	12.2	15.1
Chautauqua	50	11.4	85	19.3	68	15.6	56	13.1	65	14.9	14.9
Cherokee	282	12.5	280	12.4	274	12.1	259	11.6	281	12.4	12.2
Cheyenne	39	12.1	40	12.5	42	13.2	33	10.2	43	13.6	12.3
Clark	37	15.5	41	16.8	42	17.8	37	15.8	27	11.3	15.4
Clay	117	12.6	145	15.7	118	12.9	117	13.0	107	12.1	13.3
Cloud	179	17.5	146	14.3	161	16.1	150	15.0	175	17.0	16.0
Coffey	94	10.8	97	11.1	106	12.2	84	9.6	94	10.6	10.9
Comanche	40	19.3	49	24.2	18	8.9	40	20.5	31	15.8	17.7
Cowley	399	10.8	406	11.1	405	11.2	475	12.9	439	12.1	11.6
Crawford	467	12.9	465	12.9	479	13.2	456	12.5	483	12.6	12.8
Decatur	60	17.0	64	18.1	58	16.8	49	14.5	47	13.5	16.0
Dickinson	222	11.2	232	11.8	270	13.7	274	13.9	226	11.7	12.5
Doniphan	82	10.6	84	11.0	87	11.1	82	10.3	108	13.1	11.2
Douglas	518	5.8	439	4.8	514	5.5	498	5.1	538	5.4	5.3
Edwards	61	17.6	46	13.4	57	17.2	56	17.1	45	13.0	15.7
Elk	62	18.3	36	10.7	57	17.0	65	19.2	72	22.1	17.5
Ellis	246	9.4	225	8.5	240	9.1	241	9.2	229	8.3	8.9
Ellsworth	82	12.9	100	15.9	91	14.5	70	11.3	103	15.8	14.1
Finney	200	5.6	195	5.4	212	5.8	193	5.2	225	5.6	5.5
Ford	250	8.5	259	8.9	244	8.3	274	9.3	262	8.1	8.6
Franklin	257	10.9	296	12.4	271	10.9	231	9.2	245	9.9	10.7
Geary	179	6.8	182	7.2	232	9.1	229	9.2	197	7.0	7.9
Gove	34	11.0	46	14.9	45	14.7	48	15.9	32	10.4	13.4
Graham	51	15.6	36	11.1	41	12.8	38	12.2	43	14.6	13.3
Grant	44	5.7	60	7.6	59	7.4	51	6.5	64	8.1	7.1
Gray	42	7.6	48	8.7	54	9.7	34	6.1	56	9.5	8.3
Greeley	23	13.1	23	13.3	24	14.1	13	7.9	19	12.4	12.2
Greenwood	122	15.1	131	16.3	146	17.9	136	17.1	113	14.7	16.2
Hamilton	26	11.3	29	12.7	30	12.8	32	13.5	31	11.6	12.4
Harper	104	15.9	119	18.3	81	12.6	108	17.1	107	16.4	16.1
Harvey	324	10.4	339	10.7	344	10.0	353	10.3	367	11.2	10.5
Haskell	20	5.1	24	6.0	22	5.5	38	9.4	30	7.0	6.6
Hodgeman	28	12.6	24	10.8	25	11.3	25	11.2	14	6.7	10.5
Jackson	110	9.2	154	12.8	141	11.6	144	11.8	130	10.3	11.1
Jefferson	161	9.2	165	9.2	126	6.9	166	9.1	160	8.7	8.6
Jewell	60	15.0	52	13.1	52	13.4	66	17.4	67	17.7	15.3
Johnson	2,347	5.7	2,327	5.6	2,455	5.7	2,689	6.1	2,661	5.9	5.8
Kearny	25	5.9	46	11.0	29	6.9	48	11.6	38	8.4	8.8
Kingman	105	12.3	100	11.7	86	10.1	122	14.1	99	11.4	11.9
Kiowa	29	8.1	35	10.2	38	11.0	45	13.4	42	12.8	11.1
Labette	320	14.0	284	12.4	298	12.9	276	12.0	324	14.2	13.1
Lane	13	5.9	15	6.9	25	11.0	35	16.1	20	9.3	9.8
Leavenworth	493	7.1	488	7.0	508	7.1	518	7.2	443	6.4	7.0
Lincoln	47	13.9	48	14.4	58	17.4	48	14.4	54	15.1	15.0
Linn	130	14.5	121	13.3	122	13.3	130	14.0	114	11.9	13.4
Logan	36	11.6	45	14.8	36	12.1	37	12.6	50	16.4	13.5

Table 35
Deaths By Number And Rate*
By County Of Residence And By Peer Group**
Kansas, 1996-2000

County of Residence	Year										5-Year Rate
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Lyon	331	9.6	293	8.6	294	8.7	280	8.3	323	9.0	8.8
Marion	189	14.7	168	13.0	173	12.7	188	13.9	210	15.7	14.0
Marshall	172	15.2	174	15.6	164	14.9	155	14.2	139	12.7	14.5
McPherson	297	10.8	310	11.2	344	12.0	336	11.7	344	11.6	11.5
Meade	53	11.9	65	14.8	53	12.0	53	12.0	53	11.4	12.4
Miami	225	8.7	254	9.7	247	9.3	228	8.4	265	9.3	9.1
Mitchell	124	17.5	106	15.1	111	16.0	100	14.4	110	15.9	15.8
Montgomery	485	13.0	473	12.7	473	12.8	472	12.8	486	13.4	12.9
Morris	85	13.4	83	13.4	82	13.3	75	12.1	83	13.6	13.2
Morton	34	10.3	29	8.6	34	9.9	22	6.3	33	9.4	8.9
Nemaha	158	15.2	145	14.1	154	15.2	138	13.6	158	14.7	14.6
Neosho	213	12.6	192	11.3	204	12.2	205	12.3	207	12.2	12.1
Ness	64	17.5	55	15.1	44	12.2	39	10.9	61	17.7	14.7
Norton	73	12.7	70	12.0	89	15.5	83	14.7	81	13.6	13.7
Osage	182	10.9	187	10.9	166	9.7	181	10.5	171	10.2	10.4
Osborne	85	18.5	75	16.6	71	15.1	79	17.2	74	16.6	16.8
Ottawa	88	15.1	82	14.1	66	11.2	95	16.1	68	11.0	13.5
Pawnee	72	9.6	91	12.6	82	11.0	85	11.8	102	14.1	11.8
Phillips	95	15.3	93	15.3	79	13.0	83	13.9	84	14.0	14.3
Pottawatomie	167	9.3	166	9.1	165	8.8	176	9.3	173	9.5	9.2
Pratt	118	12.1	115	11.8	122	12.6	115	12.1	128	13.3	12.4
Rawlins	45	13.9	39	12.1	39	12.5	42	13.9	48	16.2	13.7
Reno	638	10.1	633	10.1	685	10.8	697	10.9	699	10.8	10.5
Republic	103	16.5	94	15.3	102	16.7	107	17.9	109	18.7	17.0
Rice	119	11.8	128	12.8	130	12.5	132	12.9	136	12.6	12.5
Riley	289	4.5	258	4.1	261	4.1	323	5.1	296	4.7	4.5
Rooks	91	15.6	92	16.1	70	12.4	83	14.8	70	12.3	14.2
Rush	48	13.6	67	19.5	51	14.9	60	17.8	54	15.2	16.2
Russell	104	13.6	108	14.2	89	11.8	114	15.3	106	14.4	13.9
Saline	490	9.5	530	10.3	500	9.7	480	9.3	493	9.2	9.6
Scott	69	13.7	50	10.0	62	12.4	55	11.1	58	11.3	11.7
Sedgwick	3,442	8.1	3,434	7.8	3,640	8.1	3,477	7.7	3,626	8.0	7.9
Seward	122	6.1	138	6.8	131	6.6	124	6.2	160	7.1	6.6
Shawnee	1,658	10.1	1,580	9.6	1,617	9.8	1,721	10.1	1,757	10.3	10.0
Sheridan	33	12.0	35	12.7	26	9.5	41	15.3	27	9.6	11.8
Sherman	77	11.4	70	10.6	72	11.1	77	11.8	73	10.8	11.1
Smith	82	17.3	84	18.0	70	15.3	81	17.7	76	16.8	17.0
Stafford	78	15.2	91	17.8	82	16.4	70	14.0	74	15.5	15.8
Stanton	16	7.0	18	7.7	23	10.2	18	8.1	26	10.8	8.8
Stevens	47	8.8	53	9.8	37	6.9	38	7.0	52	9.5	8.4
Sumner	277	10.3	298	11.0	297	11.0	292	10.7	308	11.9	11.0
Thomas	92	11.0	84	10.3	75	9.3	81	10.2	78	9.5	10.1
Trego	54	15.7	51	15.3	49	14.9	60	18.4	49	14.8	15.8
Wabaunsee	64	9.6	61	9.1	80	12.0	80	12.2	75	10.9	10.8
Wallace	18	9.9	21	11.7	17	9.4	20	11.1	19	10.9	10.6
Washington	96	14.2	102	15.5	93	14.3	98	15.1	99	15.3	14.9
Wichita	26	9.5	11	4.1	23	8.7	22	8.5	26	10.3	8.2
Wilson	158	15.3	151	14.7	148	14.5	152	14.7	169	16.4	15.1
Woodson	59	14.8	55	13.8	61	15.3	59	15.1	55	14.5	14.7
Wyandotte	1,706	11.1	1,640	10.7	1,496	9.8	1,624	10.7	1,532	9.7	10.4
Peer Group											
Frontier	1,369	13.7	1,352	13.6	1,316	13.3	1,379	14.2	1,331	13.5	13.7
Rural	3,803	13.1	3,855	13.3	3,732	12.9	3,728	13.0	3,813	13.1	13.1
Densely -Settled Rural	4,288	10.2	4,297	10.2	4,382	10.4	4,485	10.5	4,541	10.5	10.4
Semi-Urban	4,657	8.9	4,685	9.0	4,776	9.0	4,779	9.0	4,877	9.1	9.0
Urban	9,671	7.8	9,420	7.4	9,722	7.5	10,009	7.6	10,114	7.6	7.6

* Rate per 1,000 population

** See Technical Notes for Peer Group definition.

Table 36
Deaths By Number And Rate*
By Selected City Of Residence
Kansas, 1996-2000

City of Residence	Year										5-Year Rate
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Abilene	89	13.7	97	14.9	101	15.5	108	16.6	97	14.8	15.1
Andover	45	9.6	45	9.4	38	7.6	53	10.6	62	9.3	9.3
Anthony	44	19.1	47	20.4	29	12.6	42	19.1	43	17.6	17.8
Arkansas City	160	12.5	159	12.5	158	12.5	171	13.4	194	16.2	13.4
Atchison	129	12.6	135	13.1	160	15.1	148	14.0	141	13.8	13.7
Augusta	110	12.0	112	11.9	111	11.6	109	11.1	129	15.3	12.4
Baldwin City	26	7.9	34	10.3	36	10.6	15	4.2	34	10.0	8.6
Baxter Springs	56	12.2	62	13.5	68	14.8	69	15.0	74	16.1	14.3
Belleville	71	29.6	41	17.1	67	27.9	60	26.1	74	33.1	26.8
Beloit	81	20.3	72	18.0	65	16.7	63	16.2	73	18.2	17.9
Bonner Springs	70	11.5	55	9.2	47	7.8	68	11.3	50	7.4	9.4
Burlington	34	12.1	35	12.5	39	13.9	26	9.3	43	15.4	12.6
Chanute	144	15.3	128	13.6	133	14.3	124	13.3	129	13.7	14.0
Cherryvale	37	15.4	42	17.5	39	16.3	39	17.0	36	15.1	16.3
Clay Center	83	17.7	93	20.2	71	15.4	75	16.7	66	14.5	16.9
Coffeyville	180	14.4	191	15.4	180	14.6	165	13.5	179	16.2	14.8
Colby	74	13.7	66	12.5	55	10.4	69	13.3	59	10.8	12.1
Columbus	58	17.1	54	15.9	47	13.8	64	18.8	57	16.8	16.5
Concordia	107	18.8	83	14.6	103	18.4	92	16.4	110	19.3	17.5
Derby	123	8.0	118	7.4	129	7.9	126	7.7	114	6.4	7.5
Dodge City	174	7.7	192	8.5	185	8.2	202	8.9	168	7.5	8.2
Edwardsville	56	14.7	53	14.3	56	15.1	62	16.8	48	11.6	14.5
El Dorado	150	11.1	141	10.3	149	10.6	170	11.9	167	13.9	11.6
Ellinwood	35	15.9	26	11.8	21	9.5	27	11.7	30	13.9	12.6
Emporia	263	10.4	242	9.7	220	8.8	222	9.0	253	9.5	9.5
Eudora	39	11.8	28	8.5	54	15.9	46	12.8	53	12.3	12.3
Eureka	72	23.2	73	24.3	73	23.5	68	22.7	53	18.2	22.4
Fairway	20	4.2	37	7.6	29	5.8	31	6.0	30	7.6	6.2
Fort Scott	160	18.8	137	16.1	153	18.0	140	16.7	168	20.2	18.0
Fredonia	50	19.2	44	16.9	54	20.8	50	19.2	55	21.2	19.5
Frontenac	42	16.2	36	13.8	52	20.0	35	13.5	42	14.0	15.5
Galena	62	17.7	63	18.0	51	14.6	42	12.0	52	15.8	15.6
Garden City	169	6.5	163	6.2	178	6.7	165	6.0	196	6.9	6.5
Garnett	50	15.2	58	17.6	63	19.1	44	13.3	61	18.1	16.7
Girard	51	17.6	50	17.9	47	16.2	52	17.9	68	24.5	18.8
Goodland	61	12.7	61	13.0	66	14.0	58	12.3	63	12.7	12.9
Great Bend	162	10.9	168	11.4	190	13.1	214	14.3	193	12.6	12.5
Hays	152	8.5	151	8.4	170	9.4	166	9.2	155	7.7	8.6
Haysville	66	7.5	72	7.9	73	7.8	91	9.7	73	8.6	8.3
Herington	45	16.1	36	12.9	64	22.9	53	18.9	39	15.2	17.2
Hesston	29	9.7	41	13.2	51	15.5	49	14.8	48	13.7	13.4
Hiawatha	69	19.2	62	17.2	52	14.4	52	14.9	58	17.0	16.5
Hillsboro	44	16.3	47	17.4	40	13.8	43	15.4	54	18.9	16.4
Hoisington	50	16.7	37	12.3	41	13.7	40	12.9	50	16.8	14.5
Holton	60	18.2	66	20.0	65	19.1	68	20.0	56	16.7	18.8
Hugoton	35	10.3	39	11.5	28	8.2	27	7.9	39	10.5	9.7
Hutchinson	415	10.5	409	10.3	486	12.2	484	12.1	515	12.6	11.5
Independence	149	15.5	135	14.2	133	14.0	142	15.1	135	13.7	14.5
Iola	91	14.2	90	14.3	86	13.7	94	14.9	102	16.2	14.7
Junction City	153	8.6	149	8.7	192	11.2	190	11.2	170	9.0	9.7
Kansas City	1,567	11.1	1,517	10.8	1,371	9.7	1,485	10.6	1,418	9.7	10.4

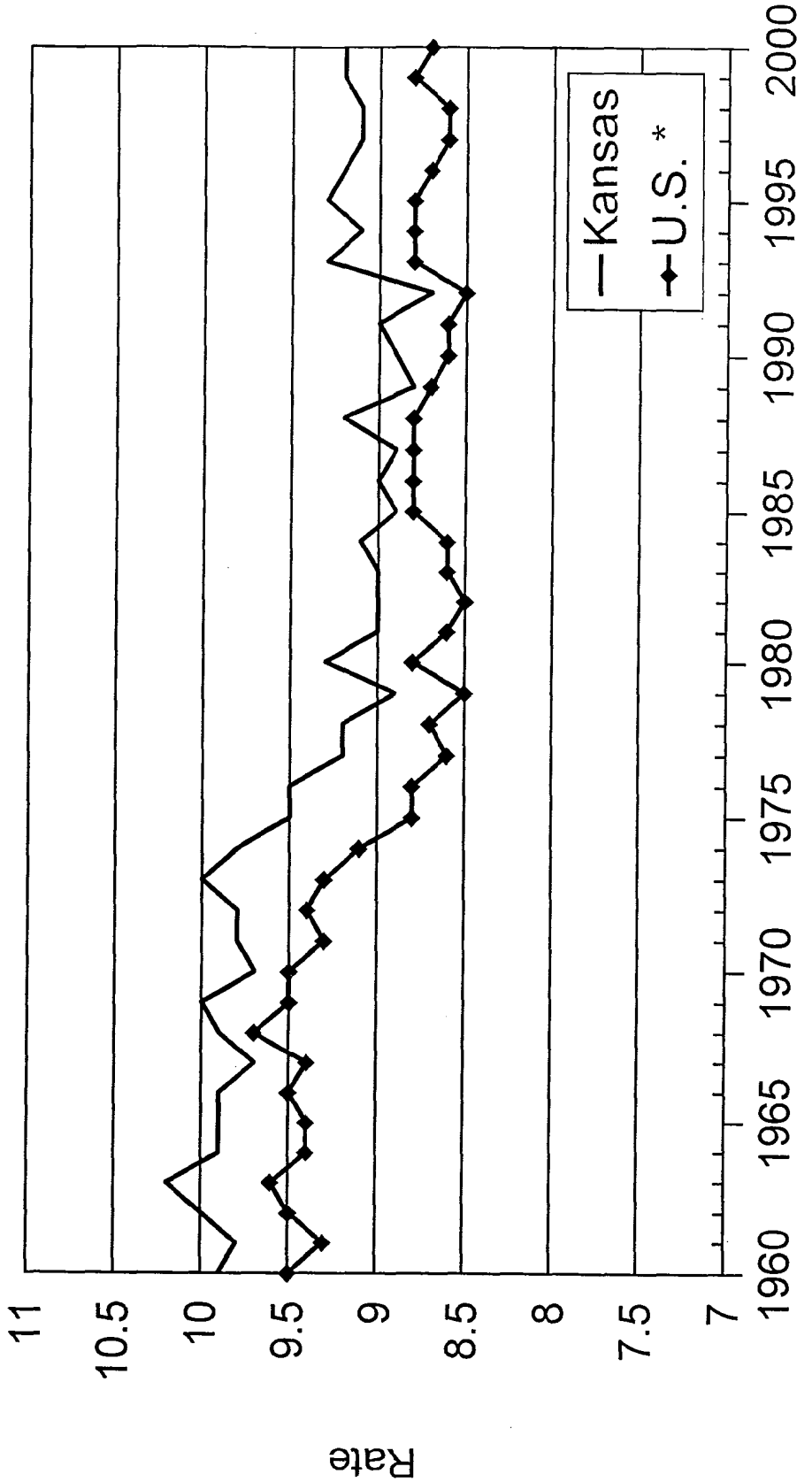
Table 36
Deaths By Number And Rate*
By Selected City Of Residence
Kansas, 1996-2000

City of Residence	Year										5-Year Rate
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Kingman	55	16.7	59	17.9	42	12.7	72	21.8	48	14.2	16.7
Lansing	47	6.1	56	7.2	61	7.7	56	7.1	60	6.5	6.9
Larned	55	12.5	62	14.4	59	13.4	70	16.3	77	18.2	15.0
Lawrence	388	5.4	316	4.3	360	4.8	371	4.7	381	4.8	4.8
Leavenworth	284	6.8	288	6.9	280	6.6	297	6.9	248	7.0	6.8
Leawood	130	5.8	120	5.2	144	6.1	161	6.6	158	5.7	5.9
Lenexa	230	5.9	176	4.4	199	4.8	246	5.8	281	7.0	5.6
Liberal	112	6.3	118	6.6	117	6.6	112	6.3	144	7.3	6.6
Lindsborg	34	11.0	43	13.9	57	17.8	55	16.7	62	18.7	15.6
Lyons	56	16.0	54	15.4	58	16.1	60	16.7	66	17.7	16.4
Manhattan	225	6.0	192	5.2	191	5.1	238	6.4	228	5.1	5.6
Marysville	74	23.1	62	19.4	57	17.8	58	18.7	51	15.6	18.9
McPherson	108	8.6	130	10.3	120	9.2	137	10.5	147	10.7	9.9
Medicine Lodge	45	19.6	44	19.1	44	20.0	39	17.7	34	15.5	18.4
Merriam	92	6.8	100	7.2	95	6.6	92	6.3	91	8.3	7.0
Mission	73	6.7	77	6.9	88	7.7	78	6.6	86	8.8	7.3
Mission Hills	25	6.3	18	4.4	24	5.7	19	4.4	21	5.8	5.3
Mulvane	55	11.2	48	9.4	56	10.8	48	9.2	47	9.1	9.9
Neodesha	57	19.7	66	23.6	49	17.5	51	17.6	56	19.7	19.6
Newton	182	10.8	200	11.8	192	10.4	197	10.7	212	12.3	11.2
Norton	52	17.9	48	16.0	57	19.7	62	21.4	54	17.9	18.6
Olathe	328	4.5	323	4.3	371	4.8	398	5.1	394	4.2	4.6
Osage City	27	9.3	30	10.0	34	11.3	51	17.0	38	12.5	12.0
Osawatomie	76	14.9	59	11.6	80	15.4	60	11.3	80	17.2	14.1
Ottawa	157	13.8	158	13.7	173	14.4	143	11.7	146	12.2	13.2
Overland Park	791	6.2	790	6.0	844	6.2	938	6.8	930	6.2	6.3
Paola	54	10.4	80	15.4	70	13.2	62	11.5	67	13.4	12.8
Parsons	167	14.5	180	15.7	173	14.9	148	12.9	206	17.9	15.2
Phillipsburg	45	16.7	41	15.8	38	14.6	42	16.2	47	17.6	16.2
Pittsburg	221	12.1	241	13.4	224	12.3	223	12.3	224	11.6	12.3
Plainville	36	17.1	43	20.5	26	13.0	37	18.5	24	11.8	16.2
Prairie Village	197	7.4	201	7.4	193	6.9	201	7.0	196	8.9	7.5
Pratt	101	15.1	88	13.1	93	13.9	89	13.5	105	16.0	14.3
Roeland Park	46	5.2	43	4.7	47	5.1	55	5.7	38	5.6	5.3
Russell	61	13.0	75	16.0	60	13.0	70	15.2	64	13.6	14.2
Salina	454	10.2	480	10.8	455	10.3	445	10.1	452	9.9	10.3
Scott City	57	15.8	44	12.2	50	13.9	51	14.6	54	14.0	14.1
Shawnee	230	5.3	246	5.5	231	5.0	265	5.6	238	5.0	5.3
Topeka	1,450	11.8	1,403	11.4	1,399	11.4	1,477	11.6	1,524	12.5	11.7
Ulysses	40	6.8	52	8.7	48	7.9	40	6.7	55	9.2	7.9
Valley Center	30	7.9	33	8.5	46	11.5	34	8.3	36	7.4	8.7
Wamego	44	10.7	40	9.5	50	11.6	46	10.5	42	9.9	10.4
Wellington	111	12.6	111	12.6	96	10.9	111	12.6	124	14.3	12.6
Wichita	2,921	9.2	2,916	8.8	3,081	9.1	2,918	8.6	3,117	9.1	9.0
Winfield	147	12.3	150	12.6	158	13.5	188	15.8	160	13.1	13.5

*Rate per 1,000 population

Death Rates

Kansas and the U.S., 1960-2000



* 1999-2000 Rate Provisional
Rate per 1,000 Population
Residence Data

Figure 31

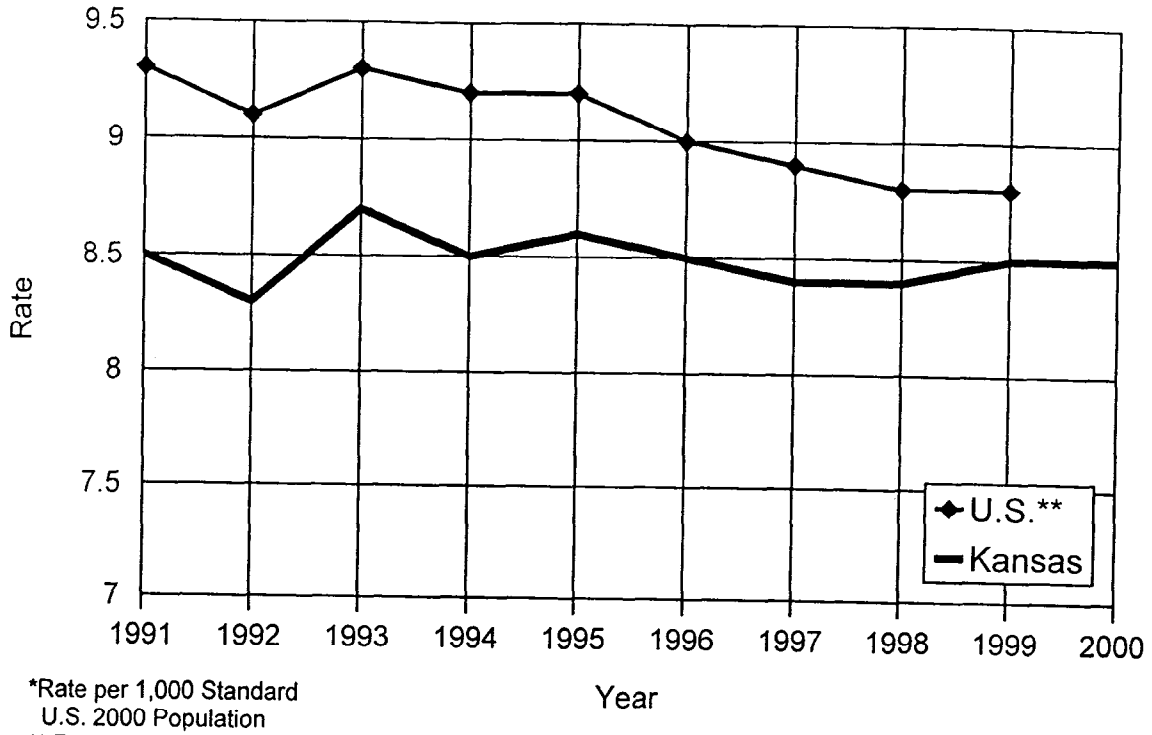
Table 37
Age-Specific Death Rates* By Sex
Kansas, 1991-2000

Age-Group and Sex	Year									
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Both Sexes										
Total	9.0	8.7	9.2	9.0	9.2	9.2	9.0	9.1	9.2	9.2
Under 1	9.1	8.9	8.9	7.8	7.1	8.4	7.5	7.1	7.5	7.0
1-4	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4
5-14	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
15-24	1.0	0.9	0.9	1.0	0.9	1.0	0.9	0.9	0.8	0.8
25-34	1.2	1.0	1.1	1.2	1.1	1.1	1.0	1.0	1.0	0.9
35-44	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.7
45-54	4.0	3.8	3.7	3.7	3.9	3.5	3.7	3.6	3.8	3.6
55-64	10.6	10.0	10.4	9.6	9.8	10.1	9.7	9.4	9.9	9.3
65-74	24.4	23.4	24.5	24.1	24.5	24.4	23.4	23.7	24.0	23.1
75-84	55.0	53.6	57.2	55.5	55.9	54.2	54.4	54.1	54.7	55.9
85 and over	144.9	142.8	153.3	150.2	154.9	153.4	152.3	154.3	154.2	160.5
Male	9.2	8.8	9.3	9.0	9.2	9.1	9.1	8.9	8.9	8.8
Under 1	10.5	9.8	9.0	9.0	7.7	9.4	8.3	7.7	8.7	7.5
1-4	0.6	0.5	0.5	0.4	0.5	0.5	0.6	0.5	0.5	0.5
5-14	0.3	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.2
15-24	1.3	1.2	1.3	1.4	1.2	1.4	1.3	1.3	1.2	1.2
25-34	1.6	1.4	1.6	1.8	1.6	1.6	1.4	1.5	1.3	1.3
35-44	2.1	2.2	2.1	2.1	2.3	2.3	2.0	2.2	2.0	2.1
45-54	4.9	4.8	4.7	4.7	4.9	4.3	4.7	4.6	4.6	4.5
55-64	13.8	13.0	13.1	12.2	12.3	12.3	12.3	11.5	11.9	11.1
65-74	32.5	30.9	32.0	31.6	30.7	30.8	30.3	30.3	30.5	27.8
75-84	74.7	69.1	75.9	70.2	73.4	70.3	71.0	68.0	67.8	70.3
85 and over	172.1	171.4	179.9	176.6	179.4	178.3	175.1	173.6	170.2	187.4
Female	8.7	8.7	9.2	9.1	9.3	9.2	9.0	9.2	9.4	9.5
Under 1	7.6	8.0	8.8	6.6	6.5	7.4	6.7	6.4	6.3	6.4
1-4	0.4	0.5	0.3	0.4	0.3	0.5	0.2	0.4	0.4	0.4
5-14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
15-24	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
25-34	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.7	0.5
35-44	1.1	1.1	1.2	1.2	1.0	1.1	1.3	1.1	1.2	1.3
45-54	3.1	2.9	2.8	2.9	3.0	2.7	2.6	2.6	2.9	2.7
55-64	7.7	7.2	7.8	7.3	7.4	8.0	7.2	7.3	8.0	7.6
65-74	17.9	17.3	18.5	18.0	19.4	19.2	17.6	18.2	18.7	19.2
75-84	43.1	44.2	45.6	46.4	44.9	43.9	43.7	45.1	46.0	46.4
85 and over	134.6	131.9	143.1	140.0	145.3	143.5	143.1	146.4	147.5	150.0

*Rate per 1,000 age-group population
Rates may differ from those published in reports prior to 1999.
Residence data

Age-Adjusted Death Rates*

Kansas and the U.S., 1991-2000



*Rate per 1,000 Standard U.S. 2000 Population
** Rates are provisional 2000 Rate Not Available
Residence Data

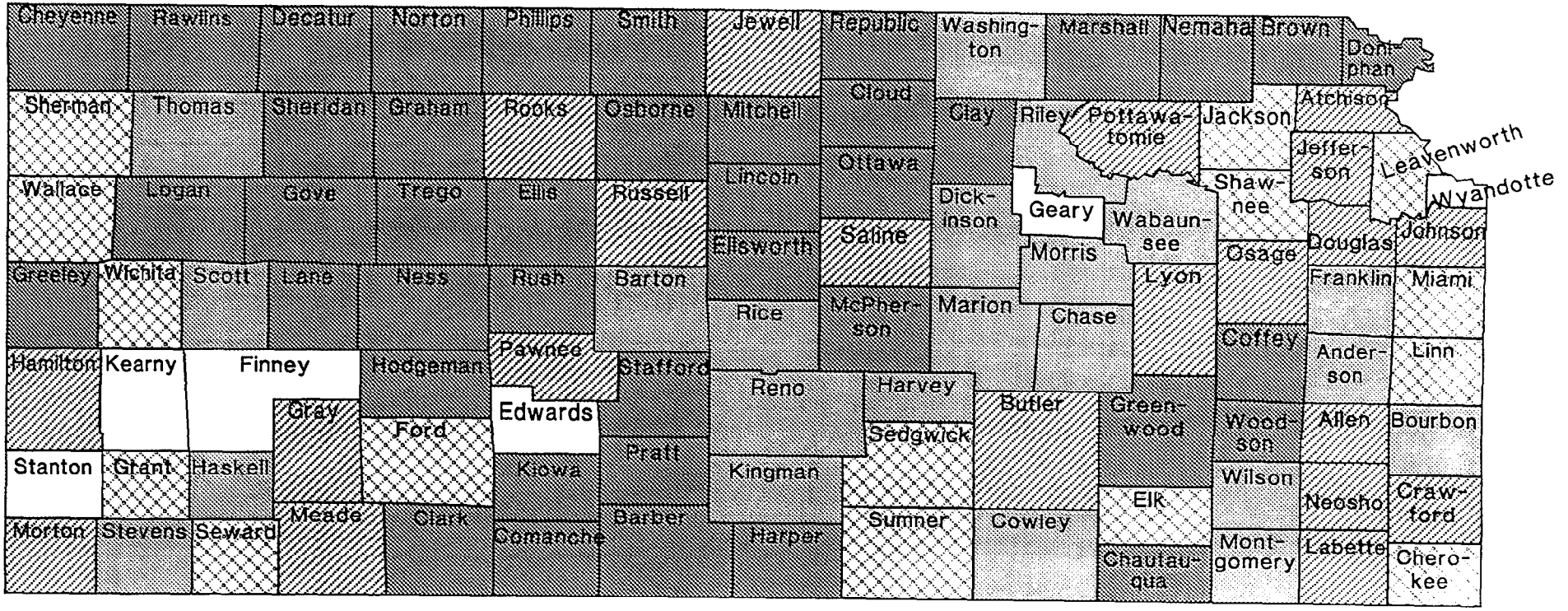
Figure 32

Table 38
Age-Adjusted Death Rates* By Sex
Kansas And The U.S., 1991-2000

Year	Kansas			U.S.**		
	Total	Male	Female	Total	Male	Female
1991.....	8.5	11.0	6.8	9.3	11.8	7.4
1992.....	8.3	10.5	6.7	9.1	11.6	7.3
1993.....	8.7	11.0	7.1	9.3	11.8	7.5
1994.....	8.5	10.6	7.0	9.2	11.6	7.5
1995.....	8.6	10.8	7.1	9.2	11.5	7.5
1996.....	8.5	10.6	7.0	9.0	11.2	7.4
1997.....	8.4	10.5	6.8	8.9	10.9	7.4
1998.....	8.4	10.3	6.9	8.8	10.6	7.3
1999.....	8.5	10.2	7.2	8.8	10.6	7.4
2000.....	8.5	10.3	7.2	n.a.	n.a.	n.a.

* Rate per 1,000 standard U.S. 2000 population (see Technical Notes)
Rates will differ from those published prior to 1999 because they have been recalculated using the 2000 U.S. standard population.
** Rates are provisional.
Residence data

Average Age At Death
By County Of Residence
Kansas, 2000



State Average: 74.7

Legend

- 60.9 to 69.9
- 70.0 to 73.9
- 74.0 to 75.9
- 76.0 to 77.9
- 78.0 to 90.0

Figure 33

Table 39
Deaths By Age-Group And Average Age At Death
By County Of Residence
Kansas, 2000

County of Residence	Total	Age-Group												Average Age At Death
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over	N.S.	
Kansas	24,676	266	64	74	334	331	731	1,277	2,046	4,060	7,183	8,310	-	74.7
Allen	169	-	1	-	4	-	3	13	12	33	44	59	-	75.4
Anderson	104	1	1	1	-	3	3	4	11	11	26	43	-	76.2
Atchison	183	4	-	1	1	3	4	6	14	29	51	70	-	75.8
Barber	73	-	-	-	-	-	-	1	7	15	24	26	-	79.0
Barton	351	-	-	1	-	3	8	13	34	58	102	132	-	77.8
Bourbon	221	2	-	-	3	3	6	9	15	35	68	80	-	76.1
Brown	135	2	-	-	2	1	4	6	6	18	36	60	-	78.1
Butler	580	4	2	-	8	4	18	33	41	103	178	189	-	75.5
Chase	37	-	-	-	-	2	1	2	2	6	11	13	-	76.3
Chautauqua	65	-	-	-	1	-	-	1	5	8	19	31	-	81.1
Cherokee	281	2	-	1	6	2	9	8	30	60	83	80	-	73.7
Cheyenne	43	-	-	-	-	-	5	-	2	5	13	18	-	78.2
Clark	27	-	-	-	-	-	-	-	1	6	11	9	-	80.7
Clay	107	-	-	-	-	2	3	2	9	9	28	54	-	80.8
Cloud	175	1	-	1	1	-	1	4	12	19	46	90	-	81.1
Coffey	94	1	1	1	-	1	1	2	3	7	29	48	-	80.2
Comanche	31	-	-	-	-	1	-	-	1	7	8	14	-	80.9
Cowley	439	1	-	-	6	3	14	22	46	66	119	162	-	76.1
Crawford	483	4	2	-	9	4	10	26	41	71	142	174	-	75.5
Decatur	47	-	-	-	-	-	2	2	2	5	11	25	-	81.4
Dickinson	226	4	-	-	3	2	4	8	14	28	62	101	-	77.5
Doniphan	108	-	-	-	-	1	3	2	6	12	44	40	-	79.3
Douglas	538	7	5	2	8	7	22	31	32	79	164	181	-	74.0
Edwards	45	2	-	-	3	2	-	2	7	4	11	14	-	68.6
Elk	72	3	-	-	1	1	2	4	6	14	20	21	-	72.4
Ellis	229	2	-	-	2	-	3	14	16	29	66	97	-	78.2
Ellsworth	103	2	-	-	2	-	3	1	4	9	34	48	-	79.0
Finney	225	11	-	-	9	8	12	15	18	33	60	59	-	67.4
Ford	262	7	2	-	6	4	-	13	31	49	73	77	-	72.2
Franklin	245	1	-	1	2	6	4	9	25	33	67	97	-	76.8
Geary	197	4	-	-	6	2	9	16	28	39	50	43	-	69.0
Gove	32	-	-	-	-	-	-	1	-	5	13	13	-	82.6
Graham	43	1	-	-	1	1	-	1	1	5	13	20	-	79.2
Grant	64	2	-	-	1	1	2	3	3	11	20	21	-	73.2
Gray	56	1	-	-	-	2	3	5	4	6	13	22	-	74.4
Greeley	19	-	-	-	-	-	2	-	1	1	5	10	-	80.8
Greenwood	113	-	-	1	-	-	2	5	7	17	38	43	-	78.8
Hamilton	31	-	-	-	1	-	1	4	2	4	7	12	-	74.7
Harper	107	-	-	-	2	-	5	2	2	16	30	50	-	80.5
Harvey	367	1	2	-	-	5	4	19	32	69	93	142	-	77.3
Haskell	30	-	-	-	-	1	-	2	3	2	12	10	-	76.6
Hodgeman	14	-	-	-	-	-	1	1	-	1	4	7	-	80.2
Jackson	130	1	-	1	1	2	8	6	14	24	33	40	-	73.5
Jefferson	160	2	-	1	3	2	4	6	17	27	41	57	-	74.8
Jewell	67	1	-	1	-	-	1	5	3	11	26	19	-	75.4
Johnson	2,661	42	6	6	41	29	84	140	216	427	821	849	-	74.2
Kearny	38	-	2	2	-	4	3	1	4	8	4	10	-	60.4
Kingman	99	2	-	-	-	-	4	3	8	15	30	37	-	76.6
Kiowa	42	-	-	-	-	-	-	1	4	4	18	15	-	80.3
Labette	324	4	1	-	-	5	9	18	40	37	87	123	-	75.7
Lane	20	-	-	-	-	-	-	-	1	2	7	10	-	83.3
Leavenworth	443	6	2	2	4	6	18	25	31	74	133	142	-	73.8
Lincoln	54	1	-	-	2	1	-	2	-	8	12	28	-	78.1
Linn	114	2	-	-	5	2	3	2	8	21	34	37	-	73.8
Logan	50	-	-	-	-	-	1	1	6	7	15	20	-	79.5

Table 39
Deaths By Age-Group And Average Age At Death
By County Of Residence
Kansas, 2000

County of Residence	Total	Age-Group												Average Age At Death
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over	N.S.	
Lyon	323	2	1	1	6	8	18	21	22	29	89	126	-	74.5
Marion	210	1	2	3	1	1	5	9	14	29	45	100	-	77.8
Marshall	139	-	-	1	4	-	3	4	5	22	33	67	-	79.1
McPherson	344	2	1	1	3	2	6	6	22	58	96	147	-	78.8
Meade	53	1	-	-	-	-	4	2	5	9	10	22	-	74.8
Miami	265	5	-	-	6	4	10	19	21	52	62	86	-	72.5
Mitchell	110	-	-	-	-	1	1	3	5	16	32	52	-	80.9
Montgomery	486	1	3	-	4	9	9	19	39	80	150	172	-	76.3
Morris	83	-	-	-	3	-	1	3	4	15	23	34	-	77.8
Morton	33	-	-	-	-	-	1	1	6	6	8	11	-	75.9
Nemaha	158	-	-	1	1	1	1	3	8	25	44	74	-	80.6
Neosho	207	3	-	-	3	2	5	10	14	36	62	72	-	75.7
Ness	61	-	-	-	1	-	3	3	3	8	14	29	-	79.3
Norton	81	-	-	-	2	-	-	2	3	15	22	37	-	80.8
Osage	171	2	-	1	2	-	6	5	11	32	54	58	-	75.9
Osborne	74	-	-	-	3	-	1	2	2	9	27	30	-	79.3
Ottawa	68	-	-	1	-	-	1	5	3	10	20	28	-	78.4
Pawnee	102	-	1	-	1	1	-	6	8	22	30	33	-	75.7
Phillips	84	-	-	1	1	-	1	2	5	12	28	34	-	79.1
Pottawatomie	173	2	-	1	1	4	4	10	10	22	60	59	-	75.8
Pratt	128	-	-	-	4	1	1	4	9	20	33	56	-	78.1
Rawlins	48	-	-	-	-	1	-	1	4	7	15	20	-	79.2
Reno	699	4	-	1	8	9	13	33	55	119	215	242	-	76.4
Republic	109	-	-	-	1	-	2	3	8	14	35	46	-	79.9
Rice	136	-	-	2	-	-	3	4	15	20	38	54	-	77.5
Riley	296	1	-	-	5	4	7	10	20	53	85	111	-	77.0
Rooks	70	-	-	-	2	1	1	5	6	13	18	24	-	74.4
Rush	54	-	-	-	-	1	1	1	2	10	20	19	-	79.0
Russell	106	1	-	-	1	3	4	4	13	6	28	46	-	75.9
Saline	493	4	3	-	5	3	8	29	39	104	146	152	-	75.0
Scott	58	-	-	1	1	-	-	4	3	13	11	25	-	77.4
Sedgwick	3,626	58	10	16	41	65	145	226	348	653	1,084	980	-	72.1
Seward	160	4	-	1	2	5	4	12	14	26	47	45	-	71.4
Shawnee	1,757	23	5	7	24	28	58	112	140	321	509	530	-	73.4
Sheridan	27	-	-	1	-	-	-	-	2	-	8	16	-	82.3
Sherman	73	2	-	-	2	-	2	2	7	8	28	22	-	73.8
Smith	76	-	-	-	1	-	2	-	1	14	28	30	-	80.6
Stafford	74	-	-	1	-	-	1	1	6	9	28	28	-	79.3
Stanton	26	1	-	-	1	1	1	-	5	5	4	8	-	67.5
Stevens	52	-	-	-	-	1	2	2	5	11	15	16	-	76.8
Sumner	308	1	5	1	7	5	3	16	26	54	93	97	-	73.9
Thomas	78	-	-	1	3	-	2	3	2	11	24	32	-	76.6
Trego	49	-	-	-	1	-	1	-	5	7	17	18	-	78.5
Wabaunsee	75	-	-	1	1	-	3	3	6	11	21	29	-	76.4
Wallace	19	-	1	-	-	-	-	1	2	4	3	8	-	73.8
Washington	99	-	-	-	1	2	1	4	7	15	28	41	-	77.9
Wichita	26	-	-	-	2	1	-	-	5	3	6	9	-	72.8
Wilson	169	-	-	-	2	-	8	7	12	23	61	56	-	76.6
Woodson	55	-	-	1	-	1	1	-	3	11	17	21	-	78.4
Wyandotte	1,532	17	5	6	33	40	68	133	178	286	400	366	-	69.8

Table 40
Deaths By Race And Sex By Age-Group And Average Age At Death
Kansas, 2000

Race and Sex	Total	Age-Group												
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over	N.S.	Average Age At Death
All Races	24,676	266	64	74	334	331	731	1,277	2,046	4,060	7,183	8,310	-	74.7
Male	11,704	149	35	43	249	241	452	805	1,190	2,222	3,580	2,738	-	70.8
Female	12,972	117	29	31	85	90	279	472	856	1,838	3,603	5,572	-	78.3
White	23,205	224	49	61	285	288	639	1,119	1,873	3,787	6,839	8,041	-	75.4
Male	10,958	126	27	37	213	217	399	710	1,084	2,087	3,413	2,645	-	71.4
Female	12,247	98	22	24	72	71	240	409	789	1,700	3,426	5,396	-	78.9
Black	1,274	33	14	12	44	34	82	138	145	235	296	241	-	64.7
Male	657	20	8	6	33	18	48	85	90	122	144	83	-	61.0
Female	617	13	6	6	11	16	34	53	55	113	152	158	-	68.7
Other	193	8	1	1	5	9	10	20	28	38	45	28	-	63.4
Male	87	3	-	-	3	6	5	10	16	13	21	10	-	62.1
Female	106	5	1	1	2	3	5	10	12	25	24	18	-	64.4
Not Stated	4	1	-	-	-	-	-	-	-	-	3	-	-	n/a
Male	2	-	-	-	-	-	-	-	-	-	2	-	-	n/a
Female	2	1	-	-	-	-	-	-	-	-	1	-	-	n/a

Residence data

Table 41
Ten Leading Causes Of Death By Sex And Race
Kansas, 2000

Sex and Race	Total	Causes of Death										
		Heart Disease	Malignant Neoplasms	Cerebro-vascular Disease	Chronic Lower Respiratory Diseases	Unintentional Injuries	Pneumonia and Influenza	Diabetes Mellitus	Alzheimer's Disease	Nephritis, Nephrotic Syndrome, Nephrosis	Athero-sclerosis	All Other Causes
Total	24,676	6,890	5,215	1,828	1,412	1,081	740	666	624	478	351	5,391
Male	11,704	3,219	2,641	662	740	689	327	292	203	231	126	2,574
White	10,958	3,059	2,473	614	715	649	309	262	199	209	123	2,346
Black	657	137	154	40	23	32	15	25	4	19	3	205
Native American	57	19	10	2	2	4	2	2	-	3	-	13
Other	30	3	3	6	-	4	1	3	-	-	-	10
Not Stated	2	1	1	-	-	-	-	-	-	-	-	-
Female	12,972	3,671	2,574	1,166	672	392	413	374	421	247	225	2,817
White	12,247	3,477	2,424	1,113	653	369	402	327	410	219	220	2,633
Black	617	167	118	46	17	19	8	43	11	28	4	156
Native American	65	17	19	3	1	1	2	2	-	-	1	19
Other	41	10	13	3	1	3	1	2	-	-	-	8
Not Stated	2	-	-	1	-	-	-	-	-	-	-	1

Residence data

Table 42
Selected Causes Of Death By Age-Group And Average Age At Death
Kansas, 2000

Selected Causes of Death (ICD-10 Code)	Total	Age-Group												Average Age at Death
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over	N.S.	
All Causes	24,676	266	64	74	334	331	731	1,277	2,046	4,060	7,183	8,310	-	74.7
Selected Causes	20,296	90	53	64	298	274	614	1,037	1,772	3,485	5,990	6,619	-	n.a.
Tuberculosis (A16-A19)	7	-	-	-	-	-	-	-	1	2	4	-	-	75.3
HIV/AIDS (B20-B24)	27	-	-	-	-	2	16	9	-	-	-	-	-	41.7
Malignant Neoplasms (C00-C97)	5,215	1	8	9	18	37	131	382	786	1,320	1,638	885	-	71.8
Diabetes mellitus (E10-E14)	666	-	-	-	1	6	21	40	75	163	205	155	-	74.0
Alzheimer's Disease (G30)	624	-	-	-	-	-	2	-	2	41	197	382	-	86.0
Hypertension and Hypertensive Renal Disease (I10,I12)	156	-	-	-	-	-	2	3	11	24	52	64	-	80.3
Heart Disease (I00-I09,I11,I13,I20-I51)	6,890	3	1	4	9	17	103	269	501	1,065	2,044	2,874	-	79.5
Cerebrovascular Disease (I60-I69)	1,828	-	1	1	3	4	30	51	69	199	586	884	-	81.5
Atherosclerosis (I70)	351	-	-	-	-	-	1	2	7	20	94	227	-	86.6
Pneumonia and Influenza (J10-J18)	740	2	1	1	3	2	8	11	23	64	210	415	-	83.4
Chronic Lower Respiratory Diseases (J40-J47)	1,412	-	1	1	1	1	8	34	107	347	562	350	-	77.0
Peptic Ulcer (K25-K28)	53	-	-	-	-	1	2	-	3	6	16	25	-	79.7
Chronic Liver Disease and Cirrhosis (K70, K73-K74)	173	-	-	-	-	1	22	40	37	34	23	16	-	62.1
Nephritis, Nephrotic Syndrome and Nephrosis (N00-N07, N17-N19, N25-N27)	478	2	1	-	1	5	5	15	26	76	170	177	-	78.9
Congenital Anomalies (Q00-Q99)	123	74	9	5	1	3	5	4	6	5	6	5	-	17.8
Unintentional Injuries (V01-X59, Y40-Y86, Y88)	1,081	7	25	38	168	99	157	100	77	96	162	152	-	51.7
Suicide (X60-X84,Y87.0)	331	-	-	3	50	60	70	63	36	22	20	7	-	44.0
Homicide (X85-Y09,Y87.1)	141	1	6	2	43	36	31	14	5	1	1	1	-	31.1

Residence data

Table 43
Ten Leading Causes Of Death By Sex,
Number, Rate And Average Age At Death
Kansas, 2000

Leading Causes of Death (ICD-10 Code)	Number of Deaths			Cause-Specific Death Rate*			Average Age at Death		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Causes	24,676	11,704	12,972	917.9	881.0	953.9	74.7	70.8	78.3
Heart Disease (I00-I09, I11, I13, I20-I51)	6,890	3,219	3,671	256.3	242.3	269.9	79.5	75.3	83.3
Malignant Neoplasms (C00-C97)	5,215	2,641	2,574	194.0	198.8	189.3	71.8	71.4	72.2
Cerebrovascular Disease (I60-I69)	1,828	662	1,166	68.0	49.8	85.7	81.5	78.3	83.3
Chronic Lower Respiratory Diseases (J40-J47)	1,412	740	672	52.5	55.7	49.4	77.0	77.0	77.1
Unintentional Injuries (V01-X59, Y40-Y86,Y88)	1,081	689	392	40.2	51.9	28.8	51.7	47.4	59.2
Pneumonia and Influenza (J10-J18)	740	327	413	27.5	24.6	30.4	83.4	80.9	85.4
Diabetes mellitus (E10-E14)	666	292	374	24.8	22.0	27.5	74.0	71.8	75.6
Alzheimer's Disease (G30)	624	203	421	23.2	15.3	31.0	86.0	83.6	87.1
Nephritis, Nephrotic Syndrome and Nephrosis (N00-N07, N17-N19, N25-N27)	478	231	247	17.8	17.4	18.2	78.9	77.4	80.2
Atherosclerosis (I70)	351	126	225	13.1	9.5	16.5	86.6	83.4	88.4

*Rate per 100,000 population
Note: Rates are based on 2000 population counts from the United States Bureau of the Census Residence data

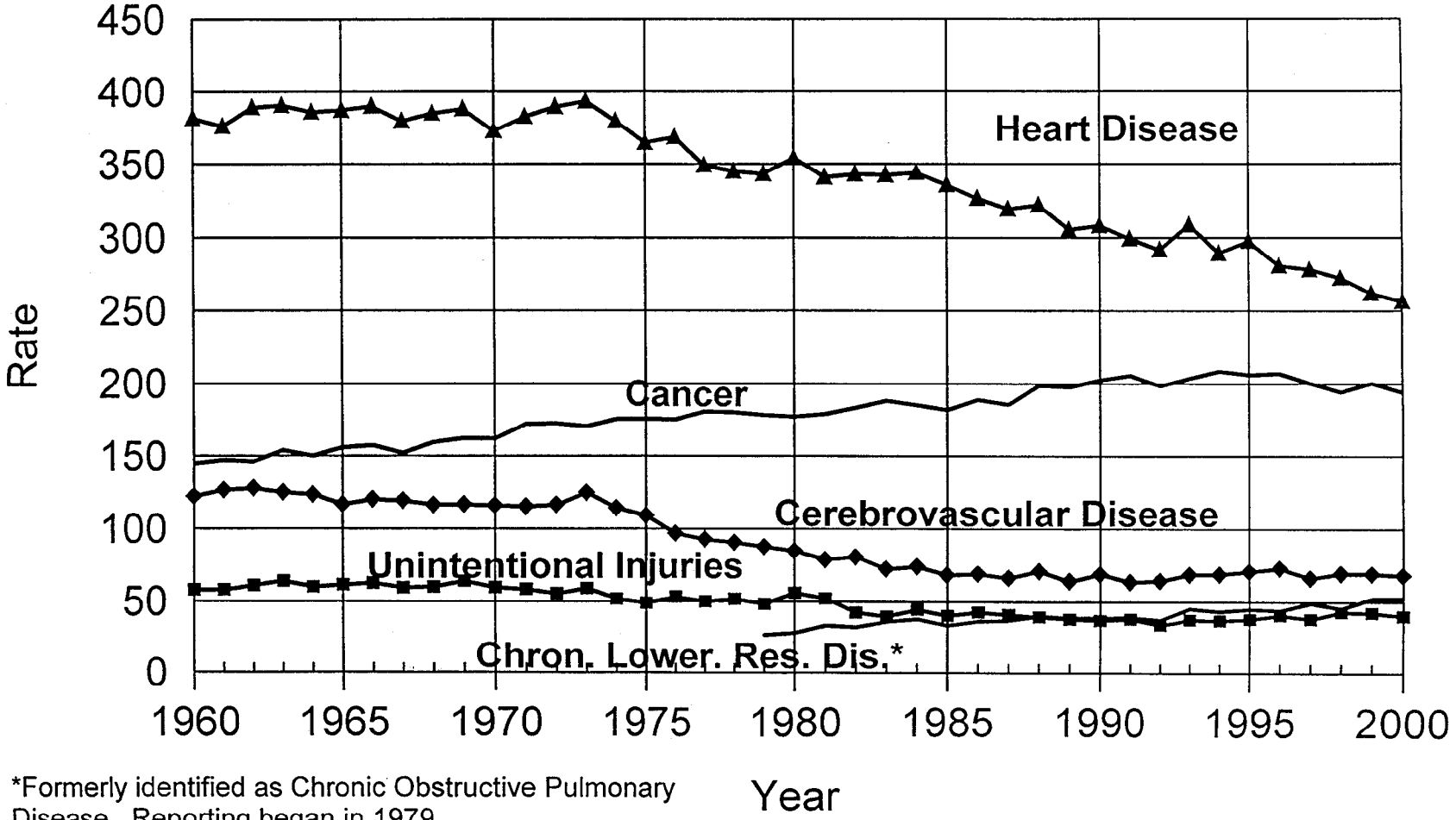
Table 44
Death Rates* and Age-Adjusted Death Rates**
For Selected Leading Causes of Death
Kansas, 2000

Cause of Death (ICD-10 Code)	Number	Death Rate	Age-Adjusted Death Rate
All Causes	24,676	917.9	849.0
Heart Disease (I00-I09, I11, I13, I20-I51)	6,890	256.3	232.7
Malignant Neoplasms (C00-C97)	5,215	194.0	186.7
Cerebrovascular Disease (I60-I69)	1,828	68.0	60.6
Chronic Lower Respiratory Diseases (J40-J47)	1,412	52.5	49.1
Unintentional Injuries (V01-X59, Y40-Y86, Y88)	1,081	40.2	39.0
Pneumonia and Influenza (J10-J18)	740	27.5	24.1
Diabetes mellitus (E10-E14)	666	24.8	23.5
Alzheimer's Disease (G30)	624	23.2	20.0
Nephritis, Nephrotic Syndrome and Nephrosis (N00-N07, N17-N19, N25-N27)	478	17.8	16.2
Atherosclerosis (I70)	351	13.1	11.2
Suicide (X60-X84,Y87.0)	331	12.3	12.4
Chronic Liver Disease and Cirrhosis (K70, K73-K74)	173	6.4	6.4
Hypertension and Hypertensive Renal Disease (I10, I12)	156	5.8	5.3
Homicide (X85-Y09, Y87.1)	141	5.2	5.3
Congenital Anomalies (Q00-Q99)	123	4.6	4.5
Certain Conditions Originating in the Perinatal Period (P00-P96)	110	4.1	4.0

*Rate per 100,000 population
**Rate per 100,000 standard U.S. 2000 population (see Technical Notes)
Residence data

Death Rates for Selected Leading Causes of Death

Kansas, 1960-2000



*Formerly identified as Chronic Obstructive Pulmonary Disease. Reporting began in 1979.
Rate per 100,000 Population
Residence Data

Figure 34

Leading Causes of Death By Age-Group

Kansas, 2000

ALL AGES

CAUSE	NUMBER
HEART DISEASE	6,890
CANCER	5,215
CEREBROVASC. DIS.	1,828
CHRON. LOWER RESP. DIS.	1,412
UNINTENTIONAL INJURIES	1,081
OTHER CAUSES	8,250
TOTAL	24,676

UNDER 1 YEAR

CAUSE	NUMBER
CONGENITAL ANOMALIES	74
LENGTH GESTATION / FETAL GROWTH	50
SIDS	42
MATERNAL FACTORS & COMPL.	23
RESPIRATORY DISORDERS	10
OTHER CAUSES	67
TOTAL	266

1-4 YEARS

CAUSE	NUMBER
UNINTENTIONAL INJURIES	25
CONGENITAL ANOMALIES	9
CANCER	8
HOMICIDE	6
INFECT./PARASITIC DIS.	3
OTHER CAUSES	13
TOTAL	64

5-14 YEARS

CAUSE	NUMBER
UNINTENTIONAL INJURIES	38
CANCER	9
CONGENITAL ANOMALIES	5
HEART DISEASE	4
SUICIDE	3
OTHER CAUSES	15
TOTAL	74

15-24 YEARS

CAUSE	NUMBER
UNINTENTIONAL INJURIES	168
SUICIDE	50
HOMICIDE	43
CANCER	18
HEART DISEASE	9
OTHER CAUSES	46
TOTAL	334

25-44 YEARS

CAUSE	NUMBER
UNINTENTIONAL INJURIES	256
CANCER	168
SUICIDE	130
HEART DISEASE	120
HOMICIDE	67
OTHER CAUSES	321
TOTAL	1,062

45-64 YEARS

CAUSE	NUMBER
CANCER	1,168
HEART DISEASE	770
UNINTENTIONAL INJURIES	177
CHRON. LOWER RESP. DIS.	141
CEREBROVASC. DIS.	120
OTHER CAUSES	947
TOTAL	3,323

65-84 YEARS

CAUSE	NUMBER
HEART DISEASE	3,109
CANCER	2,958
CHRON. LOWER RESP. DIS.	909
CEREBROVASC. DIS.	785
DIABETES	368
OTHER CAUSES	3,114
TOTAL	11,243

85 YEARS AND OVER

CAUSE	NUMBER
HEART DISEASE	2,874
CANCER	885
CEREBROVASC. DIS.	884
PNEUMONIA AND INFLUENZA	415
ALZHEIMER'S DISEASE	382
OTHER CAUSES	2,870
TOTAL	8,310

Figure 35

Table 45
Heart Disease Deaths By Age-Group And Sex Of Decedent
Kansas, 2000

Causes of Death and Sex of Decedent (ICD Code)	Total	Age-Group										
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
Heart Disease (I00-I09, I11, I13, I20-I51)	6,890	3	1	4	9	17	103	269	501	1,065	2,044	2,874
Male	3,219	1	-	2	9	10	75	202	342	641	1,052	885
Female	3,671	2	1	2	-	7	28	67	159	424	992	1,989
Acute Rheumatic Fever and Chronic Rheumatic Heart Disease (I00-I09)	20	-	-	-	-	-	-	-	2	6	8	4
Male	7	-	-	-	-	-	-	-	1	4	2	-
Female	13	-	-	-	-	-	-	-	1	2	6	4
Hypertensive Heart Disease with or without Renal Disease (I11, I13)	130	-	-	-	-	2	3	4	6	13	27	75
Male	47	-	-	-	-	2	3	3	1	8	11	19
Female	83	-	-	-	-	-	-	1	5	5	16	56
Ischemic Heart Disease (I20-I25)	4,587	-	1	-	1	6	63	200	376	785	1,422	1,733
Male	2,330	-	-	-	1	4	50	162	265	493	789	566
Female	2,257	-	1	-	-	2	13	38	111	292	633	1,167
Pulmonary Heart Disease and Diseases of Pulmonary Circulation (I26-I28)	159	2	-	1	-	4	4	14	25	32	42	35
Male	60	-	-	1	-	1	2	10	13	11	16	6
Female	99	2	-	-	-	3	2	4	12	21	26	29
Other Forms of Heart Disease (I30-I51)	1,994	1	-	3	8	5	33	51	92	229	545	1,027
Male	775	1	-	1	8	3	20	27	62	125	234	294
Female	1,219	-	-	2	-	2	13	24	30	104	311	733

Residence data

Table 46
Malignant Neoplasm Deaths
By Site Of Lesion, Age-Group And Sex Of Decedent
Kansas, 2000

Site of Lesion and Sex of Decedent (ICD-10 Code)	Total	Age-Group										
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
Malignant Neoplasms (All Sites) (C00-C97)	5,215	1	8	9	18	37	131	382	786	1,320	1,638	885
Male	2,641	1	4	6	12	17	50	185	408	726	851	381
Female	2,574	-	4	3	6	20	81	197	378	594	787	504
Lip, Oral Cavity and Pharynx (C00-C14)	67	-	-	-	-	-	5	9	11	16	19	7
Male	45	-	-	-	-	-	4	8	9	12	9	3
Female	22	-	-	-	-	-	1	1	2	4	10	4
Digestive Organs (C15-C26)	1,112	-	-	-	-	5	21	87	169	277	336	217
Male	586	-	-	-	-	4	16	53	103	165	165	80
Female	526	-	-	-	-	1	5	34	66	112	171	137
Respiratory and Intrathoracic Organs (C30-C39)	1,505	-	-	-	-	1	24	88	261	454	520	157
Male	902	-	-	-	-	1	14	51	156	282	316	82
Female	603	-	-	-	-	-	10	37	105	172	204	75
Bone and Articular Cartilage (C40-C41)	19	-	-	2	1	1	1	2	1	1	5	5
Male	10	-	-	1	1	1	1	2	1	1	1	1
Female	9	-	-	1	-	-	-	-	-	-	4	4
Skin (C43-C44)	119	-	-	-	2	2	6	11	21	21	40	16
Male	67	-	-	-	1	1	2	5	11	14	23	10
Female	52	-	-	-	1	1	4	6	10	7	17	6
Mesothelial and Soft Tissue (C45-C49)	68	-	-	1	3	2	1	3	10	25	16	7
Male	41	-	-	1	1	1	-	-	8	17	11	2
Female	27	-	-	-	2	1	1	3	2	8	5	5
Breast (C50)	440	-	-	-	-	4	29	59	72	96	95	85
Male	-	-	-	-	-	-	-	-	-	-	-	-
Female	440	-	-	-	-	4	29	59	72	96	95	85
Genital Organs (C51-C63)	558	-	-	-	-	8	10	31	67	116	191	135
Male	297	-	-	-	-	2	-	3	15	59	117	101
Female	261	-	-	-	-	6	10	28	52	57	74	34
Urinary Tract (C64-C68)	235	-	-	-	-	1	5	19	40	49	74	47
Male	153	-	-	-	-	-	3	14	29	34	49	24
Female	82	-	-	-	-	1	2	5	11	15	25	23
Eye and Adnexa (C69)	4	-	-	-	-	-	-	-	-	-	3	1
Male	3	-	-	-	-	-	-	-	-	-	2	1
Female	1	-	-	-	-	-	-	-	-	-	1	-
Meninges, Brain and Other Parts of Central Nervous System (C70-C72)	140	1	4	2	2	2	7	15	24	34	33	16
Male	77	1	2	2	2	1	1	9	13	23	17	6
Female	63	-	2	-	-	1	6	6	11	11	16	10
Thyroid and Other Endocrine Glands (C73-C75)	28	-	1	1	-	2	-	1	4	6	9	4
Male	9	-	1	1	-	-	-	-	1	2	3	1
Female	19	-	-	-	-	2	-	1	3	4	6	3
Other and Unspecified Sites (C76-C80, C97)	326	-	1	-	1	1	7	20	49	71	98	78
Male	149	-	1	-	1	1	2	16	29	35	38	26
Female	177	-	-	-	-	-	5	4	20	36	60	52
Leukemia (C91-C95)	224	-	2	2	7	1	7	14	18	47	76	50
Male	119	-	-	1	5	-	3	9	10	36	36	19
Female	105	-	2	1	2	1	4	5	8	11	40	31
Other Lymphoid, Hematopoietic, and Related Tissue (C81-C90, C96)	370	-	-	1	2	7	8	23	39	107	123	60
Male	183	-	-	-	1	5	4	15	23	46	64	25
Female	187	-	-	1	1	2	4	8	16	61	59	35

Residence data

Table 47
Cerebrovascular Disease Deaths By Age-Group And Sex Of Decedent
Kansas, 2000

Cause of Death and Sex of Decedent (ICD-10 Code)	Total	Age-Group										
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
Cerebrovascular Disease (I60-I69)	1,828	-	1	1	3	4	30	51	69	199	586	884
Male	662	-	-	-	2	2	16	34	41	78	253	236
Female	1,166	-	1	1	1	2	14	17	28	121	333	648
Subarachnoid Hemorrhage (I60)	61	-	-	-	2	4	6	17	10	6	9	7
Male	24	-	-	-	2	2	2	6	4	3	4	1
Female	37	-	-	-	-	2	4	11	6	3	5	6
Intracerebral and Other Intracranial Hemorrhage (I61-I62)	243	-	-	-	1	-	13	16	19	38	99	57
Male	107	-	-	-	-	-	6	14	12	14	41	20
Female	136	-	-	-	1	-	7	2	7	24	58	37
Cerebral Infarction (I63)	126	-	1	1	-	-	2	1	8	11	43	59
Male	47	-	-	-	-	-	1	1	4	6	16	19
Female	79	-	1	1	-	-	1	-	4	5	27	40
Stroke, Not Specified as Hemorrhage or Infarction (I64)	1,077	-	-	-	-	-	6	12	23	115	358	563
Male	362	-	-	-	-	-	6	9	16	39	150	142
Female	715	-	-	-	-	-	-	3	7	76	208	421
Other Cerebrovascular Diseases (I67, I69)	321	-	-	-	-	-	3	5	9	29	77	198
Male	122	-	-	-	-	-	1	4	5	16	42	54
Female	199	-	-	-	-	-	2	1	4	13	35	144

Residence data

Table 48
Unintentional Injury Deaths By Age-Group And Sex Of Decedent
Kansas, 2000

Cause of Death and Sex of Decedent (ICD-10 Code)	Total	Age-Group									
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
Unintentional Injuries (V01-X59, Y40-Y86, Y88)	1,081	7	25	38	168	99	157	100	77	96	162	152
Male	689	6	17	23	123	79	108	69	54	62	91	57
Female	392	1	8	15	45	20	49	31	23	34	71	95
Motor-Vehicle (*)	485	1	6	24	124	63	86	49	38	30	52	12
Male	332	1	5	15	92	47	55	34	25	18	32	8
Female	153	-	1	9	32	16	31	15	13	12	20	4
Water Transport (V90-V94)	1	-	-	-	-	-	-	1	-	-	-	-
Male	1	-	-	-	-	-	-	1	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-
Air and Space Transport (V95-V97)	12	-	-	-	-	5	3	4	-	-	-	-
Male	12	-	-	-	-	5	3	4	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-
Falls (W00-W19)	183	1	1	-	5	3	7	7	11	19	53	76
Male	91	1	1	-	4	3	5	6	8	10	29	24
Female	92	-	-	-	1	-	2	1	3	9	24	52
Inanimate Mechanical Forces (W20-W49)	27	-	2	1	3	3	4	4	4	5	-	1
Male	25	-	1	1	3	3	4	4	4	5	-	-
Female	2	-	1	-	-	-	-	-	-	-	-	1
Drowning and Submersion (W65-W74)	31	1	2	4	10	1	4	3	3	2	-	1
Male	24	-	1	2	9	1	4	2	3	2	-	-
Female	7	1	1	2	1	-	-	1	-	-	-	1
Other Accidental Threats to Breathing (W75-W84)	79	3	3	2	-	4	2	3	4	9	29	20
Male	47	3	3	1	-	3	2	3	2	7	14	9
Female	32	-	-	1	-	1	-	-	2	2	15	11
Electric Current, Radiation and Air Temperature/Pressure (W85-W99)	3	-	-	-	-	-	-	-	3	-	-	-
Male	3	-	-	-	-	-	-	-	3	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-
Smoke, Fire and Flames (X00-X09)	40	-	9	5	11	1	-	4	1	4	5	-
Male	21	-	4	2	6	-	-	2	1	2	4	-
Female	19	-	5	3	5	1	-	2	-	2	1	-
Forces of Nature (X30-X39)	9	-	1	-	1	1	-	-	1	2	3	-
Male	7	-	1	-	1	1	-	-	1	2	1	-
Female	2	-	-	-	-	-	-	-	-	-	2	-
Poisonings (X40-X49)	87	1	-	1	7	12	41	17	4	3	1	-
Male	58	1	-	1	4	10	29	8	2	3	-	-
Female	29	-	-	-	3	2	12	9	2	-	1	-
Other Unintentional Injuries (**)	124	-	1	1	7	6	10	8	8	22	19	42
Male	68	-	1	1	4	6	6	5	5	13	11	16
Female	56	-	-	-	3	-	4	3	3	9	8	26

* V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2

** V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3,V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V98-V99, W50-W64, X10-X29, X50-X59, Y40-Y86, Y88

Residence data

Table 49
Selected Chronic Disease Deaths By Age-Group And Sex Of Decedent
Kansas, 2000

Cause of Death and Sex of Decedent (ICD-10 Code)	Total	Age-Group										
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
Total	3,289	2	2	1	3	14	61	134	266	670	1,122	1,014
Male	1,558	1	1	-	1	7	35	78	151	346	553	385
Female	1,731	1	1	1	2	7	26	56	115	324	569	629
Diabetes mellitus (E10-E14)	666	-	-	-	1	6	21	40	75	163	205	155
Male	292	-	-	-	-	3	14	24	37	76	87	51
Female	374	-	-	-	1	3	7	16	38	87	118	104
Hypertension and Hypertensive Renal Disease (I10, I12)	156	-	-	-	-	-	2	3	11	24	52	64
Male	47	-	-	-	-	-	2	1	7	11	17	9
Female	109	-	-	-	-	-	-	2	4	13	35	55
Atherosclerosis (I70)	351	-	-	-	-	-	1	2	7	20	94	227
Male	126	-	-	-	-	-	1	2	5	9	47	62
Female	225	-	-	-	-	-	-	-	2	11	47	165
Chronic Lower Respiratory Diseases (J40-J47)	1,412	-	1	1	1	1	8	34	107	347	562	350
Male	740	-	-	-	-	-	4	14	64	183	294	181
Female	672	-	1	1	1	1	4	20	43	164	268	169
Peptic Ulcer (K25-K28)	53	-	-	-	-	1	2	-	3	6	16	25
Male	20	-	-	-	-	1	-	-	1	4	6	8
Female	33	-	-	-	-	-	2	-	2	2	10	17
Chronic Liver Disease and Cirrhosis (K70, K73-K74)	173	-	-	-	-	1	22	40	37	34	23	16
Male	102	-	-	-	-	-	12	31	24	20	8	7
Female	71	-	-	-	-	1	10	9	13	14	15	9
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	478	2	1	-	1	5	5	15	26	76	170	177
Male	231	1	1	-	1	3	2	6	13	43	94	67
Female	247	1	-	-	-	2	3	9	13	33	76	110

Residence data

Table 50
Occupation Of Decedent By Selected Causes Of Death
Kansas, 2000

Occupation of Decedent	Total	Selected Causes of Death											
		Heart Disease	Malignant Neoplasms	Cerebro-vascular Disease	Unintentional Injuries	Chronic Lower Respiratory Diseases	Suicide	Athero-sclerosis	Chronic Liver Disease and Cirrhosis	Homicide	Peptic Ulcer	Hyper-tension	All Other Causes
Total	24,676	6,890	5,215	1,828	1,081	1,412	331	351	173	141	53	156	7,045
Housewives	5,855	1,764	1,049	546	127	297	19	99	31	4	12	55	1,852
Managerial and Professional Specialty	4,268	1,187	1,016	326	137	219	55	58	24	11	3	30	1,202
Technical, Sales and Administrative Support	4,195	1,196	999	313	131	263	42	76	31	12	12	28	1,092
Operators, Fabricators and Laborers	2,703	727	603	134	179	175	56	33	30	32	9	13	712
Farming, Forestry and Fishing	1,888	589	367	154	82	116	23	28	5	5	5	10	504
Precision Production, Craft and Repair	2,469	663	580	145	139	191	67	30	29	23	5	6	591
Service Workers	1,977	529	431	171	86	114	29	22	13	16	6	11	549
No Occupation	290	66	25	16	27	11	8	-	6	16	1	2	112
Students	223	8	24	2	122	1	21	-	-	14	-	-	31
Children Under 5 Years	330	4	9	1	32	1	-	-	-	7	-	-	276
Other and Not Stated	478	157	112	20	19	24	11	5	4	1	-	1	124

Residence data

Table 51
Type Of Industry Of Decedent's Occupation By Selected Causes Of Death
Kansas, 2000

Type of Industry	Total	Selected Causes of Death											
		Heart Disease	Malignant Neoplasms	Cerebro-vascular Disease	Unintentional Injuries	Chronic Lower Respiratory Diseases	Suicide	Athero-sclerosis	Chronic Liver Disease and Cirrhosis	Homicide	Peptic Ulcer	Hyper-tension	All Other Causes
Total	24,676	6,890	5,215	1,828	1,081	1,412	331	351	173	141	53	156	7,045
Professional Services	3,648	1,030	793	305	116	168	39	52	19	12	4	20	1,090
Agriculture, Forestry and Fisheries	1,926	607	376	152	86	114	23	29	5	5	6	10	513
Manufacturing	2,859	807	683	157	122	178	45	49	33	19	4	19	743
Retail Trade	2,339	656	529	181	93	154	22	38	9	22	13	22	600
Transportation, Communications and Public Utilities	1,705	458	405	100	77	137	21	18	20	6	4	3	456
Construction	1,373	354	324	51	110	105	57	15	13	13	3	2	326
Public Administration	952	286	228	71	28	72	14	6	7	1	2	13	224
Business and Repair Services	608	140	148	50	34	35	18	3	10	7	2	1	160
Personal Services	545	156	98	54	22	28	1	11	3	6	-	4	162
Finance, Insurance and Real Estate	704	193	175	59	21	26	11	16	4	1	1	2	195
Wholesale Trade	516	146	140	37	22	31	8	5	4	1	2	1	119
Mining	217	52	64	14	10	16	7	1	3	2	-	-	48
Entertainment and Recreation Services	59	14	11	2	3	8	2	-	2	1	-	1	15
Other and N.S.*	7,225	1,991	1,241	595	337	340	63	108	41	45	12	58	2,394

*This category includes housewives, military personnel, students, children and those who were never employed.
Residence data

Table 52
Selected Causes Of Death And Years Of Potential Life Lost (YPLL)
Before Life Expectancy*
Kansas, 2000

CAUSE OF DEATH (ICD-10)	Number of Deaths	Total Years Life Lost	Percent Years Lost By Cause	Rate** Years Lost By Cause
Total Deaths	24,676	186,237	100.0	69.3
Heart Disease (I00-I09, I11, I13, I20-I51)	6,890	27,976	15.0	10.4
Cancer (C00-C97)	5,215	41,163	22.1	15.3
Cerebrovascular Disease (I60-I69)	1,828	5,302	2.8	2.0
Chronic Lower Respiratory Dis. (J40-J47)	1,412	5,350	2.9	2.0
Unintentional Inj. (V01-X59, Y40-Y86, Y88)	1,081	29,723	16.0	11.1
Pneumonia and Influenza (J10-J18)	740	1,914	1.0	0.7
Diabetes (E10-E14)	666	4,518	2.4	1.7
Alzheimer's Disease (G30)	624	352	0.2	0.1
Nephritis and Neph. Syn. (N00-N07, N17-N19, N25-N27)	478	2,053	1.1	0.8
Atherosclerosis (I70)	351	323	0.2	0.1
Suicide (X60-X84, Y87.0)	331	10,993	5.9	4.1
Chronic Liver Dis. and Cirrhosis (K70, K73-K74)	173	2,781	1.5	1.0
Homicide (X85-Y09, Y87.1)	141	6,429	3.5	2.4
All Other Causes	4,746	47,360	25.4	17.6
Male Deaths	11,704	96,000	100.0	72.3
Heart Disease (I00-I09, I11, I13, I20-I51)	3,219	14,610	15.2	11.0
Cancer (C00-C97)	2,641	15,835	16.5	11.9
Cerebrovascular Disease (I60-I69)	662	2,240	2.3	1.7
Chronic Lower Respiratory Dis. (J40-J47)	740	1,797	1.9	1.4
Unintentional Inj. (V01-X59, Y40-Y86, Y88)	689	19,335	20.1	14.6
Pneumonia and Influenza (J10-J18)	327	940	1.0	0.7
Diabetes (E10-E14)	292	1,849	1.9	1.4
Alzheimer's Disease (G30)	203	90	0.1	0.1
Nephritis and Neph. Syn. (N00-N07, N17-N19, N25-N27)	231	852	0.9	0.6
Atherosclerosis (I70)	126	159	0.2	0.1
Suicide (X60-X84, Y87.0)	274	8,089	8.4	6.1
Chronic Liver Dis. and Cirrhosis (K70, K73-K74)	102	1,516	1.6	1.1
Homicide (X85-Y09, Y87.1)	107	4,482	4.7	3.4
All Other Causes	2,091	24,206	25.2	18.2
Female Deaths	12,972	95,105	100.0	69.9
Heart Disease (I00-I09, I11, I13, I20-I51)	3,671	14,201	14.9	10.4
Cancer (C00-C97)	2,574	27,120	28.5	19.9
Cerebrovascular Disease (I60-I69)	1,166	4,084	4.3	3.0
Chronic Lower Respiratory Dis. (J40-J47)	672	4,229	4.4	3.1
Unintentional Inj. (V01-X59, Y40-Y86, Y88)	392	9,476	10.0	7.0
Pneumonia and Influenza (J10-J18)	413	1,232	1.3	0.9
Diabetes (E10-E14)	374	3,000	3.2	2.2
Alzheimer's Disease (G30)	421	616	0.7	0.5
Nephritis and Neph. Syn. (N00-N07, N17-N19, N25-N27)	247	1,391	1.5	1.0
Atherosclerosis (I70)	225	290	0.3	0.2
Suicide (X60-X84, Y87.0)	57	2,226	2.3	1.6
Chronic Liver Dis. and Cirrhosis (K70, K73-K74)	71	1,166	1.2	0.9
Homicide (X85-Y09, Y87.1)	34	1,689	1.8	1.2
All Other Causes	2,655	24,385	25.6	17.9

*Average remaining lifetime values compiled by the Kansas Division of the Budget.
Total YPLL for Male and Female deaths will not add to the Total due to the different life expectancies used to calculate YPLL for males and females.
**Rate per 1,000 population
Residence data

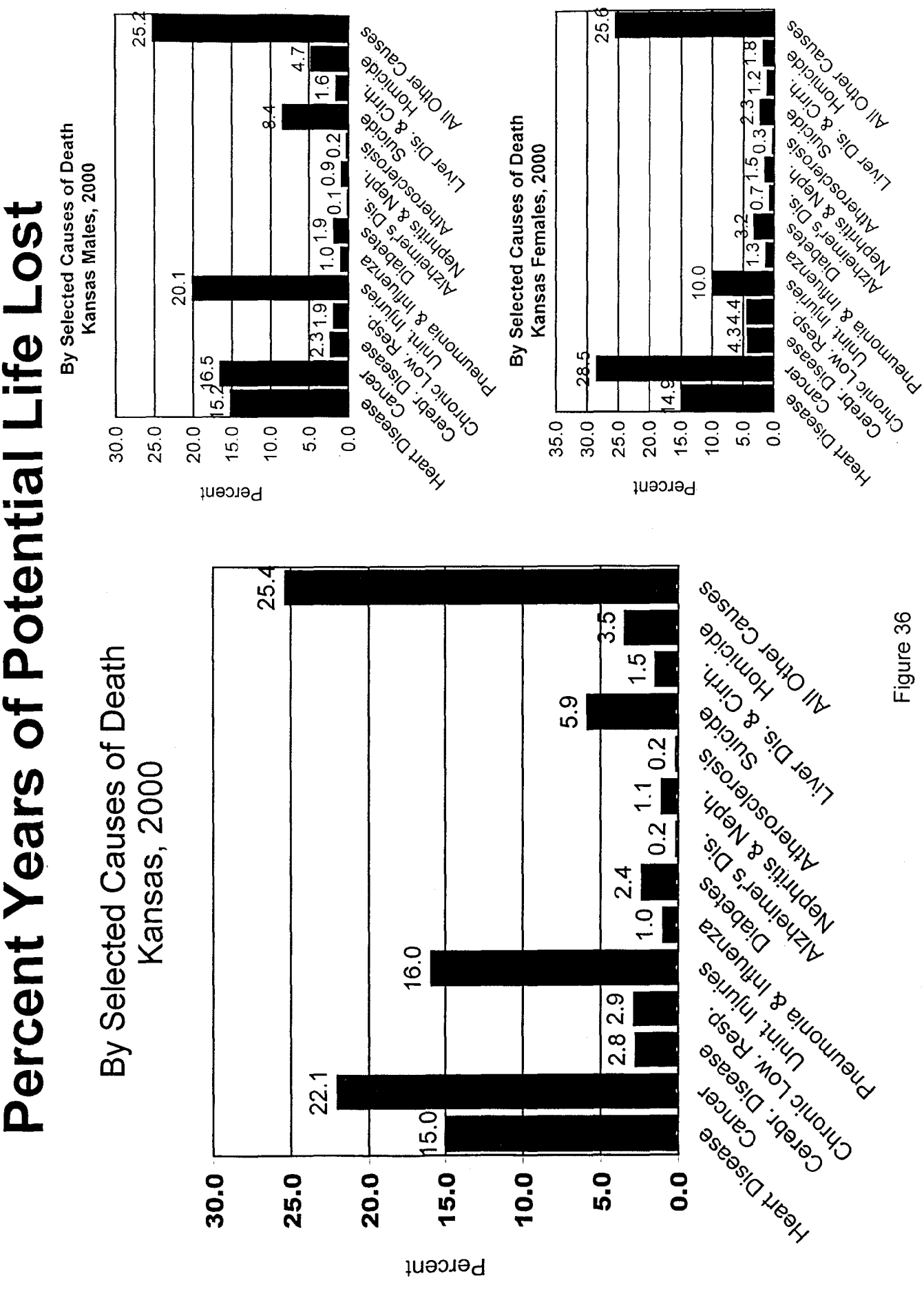

Percent Years of Potential Life Lost
By Selected Causes of Death
Kansas, 2000
Percent
30.0
25.0
20.0
15.0
10.0
5.0
0.0
15.0
22.1
2.8
2.9
16.0
1.0
2.4
0.2
1.1
0.2
5.9
1.5
3.5
25.4
Heart Disease
Cancer
Cerebr. Disease
Unint. Injuries
Chronic Low. Resp.
Diabetes
Pneumonia & Influenza
Alzheimer's Dis.
Nephritis & Neph.
Suicide
Atherosclerosis
Liver Dis. & Cirrh.
Homicide
All Other Causes
By Selected Causes of Death
Kansas Males, 2000
Percent
30.0
25.0
20.0
15.0
10.0
5.0
0.0
15.2
16.5
2.3
1.9
20.1
1.0
1.9
0.1
0.9
0.2
8.4
1.6
4.7
25.2
Heart Disease
Cancer
Cerebr. Disease
Unint. Injuries
Chronic Low. Resp.
Diabetes
Pneumonia & Influenza
Alzheimer's Dis.
Nephritis & Neph.
Suicide
Atherosclerosis
Liver Dis. & Cirrh.
Homicide
All Other Causes
By Selected Causes of Death
Kansas Females, 2000
Percent
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
14.9
28.5
4.3
4.4
10.0
1.3
3.2
0.7
1.5
0.3
2.3
1.2
1.8
25.6
Heart Disease
Cancer
Cerebr. Disease
Unint. Injuries
Chronic Low. Resp.
Diabetes
Pneumonia & Influenza
Alzheimer's Dis.
Nephritis & Neph.
Suicide
Atherosclerosis
Liver Dis. & Cirrh.
Homicide
All Other Causes

Figure 36

Table 53
Selected Causes Of Death By County Of Residence
Kansas, 2000

County of Residence	All Causes	Selected Causes of Death (ICD-10)							
		Tuber-culosis (A16-A19)	Residual Infect. & Para-sitic Dis. (A00-A15, A20-B99	All Malignant Neoplasms (C00-C97)	Malignant Neoplasms of Digestive Organs (C15-C26)	Malignant Neoplasms of Respiratory and Intrathoracic Organs (C30-C39)	Malignant Neoplasm of Breast (C50)	Malignant Neoplasms of Genital Organs (C51-C63)	Malignant Neoplasms of Urinary Tract (C64-C68)
Kansas	24,676	7	413	5,215	1,112	1,505	440	558	235
Allen	169	-	3	38	8	9	7	2	2
Anderson	104	-	2	21	3	3	2	5	1
Atchison	183	-	5	43	7	12	3	9	3
Barber	73	-	1	23	5	4	1	4	1
Barton	351	-	6	72	18	16	6	12	4
Bourbon	221	-	5	42	9	15	-	3	3
Brown	135	-	8	24	5	4	6	1	-
Butler	580	-	7	128	24	41	9	9	9
Chase	37	-	-	8	3	3	-	-	1
Chautauqua	65	-	2	14	2	6	-	2	-
Cherokee	281	-	4	64	12	22	5	7	1
Cheyenne	43	-	-	11	3	2	1	1	1
Clark	27	-	-	4	-	3	-	-	-
Clay	107	-	-	20	4	4	2	3	1
Cloud	175	-	3	35	10	10	4	4	2
Coffey	94	-	1	19	2	8	-	1	1
Comanche	31	-	-	8	1	3	2	-	-
Cowley	439	-	6	85	11	31	9	8	8
Crawford	483	-	6	85	18	24	7	7	3
Decatur	47	-	-	8	-	2	-	1	-
Dickinson	226	-	1	42	8	12	3	5	3
Doniphan	108	-	1	27	6	8	1	4	3
Douglas	538	-	7	116	21	31	11	14	3
Edwards	45	-	-	7	-	2	2	-	-
Elk	72	-	2	17	4	5	2	1	-
Ellis	229	-	3	43	8	12	3	4	5
Ellsworth	103	-	2	18	9	4	-	3	1
Finney	225	-	7	40	15	10	2	5	1
Ford	262	1	3	45	6	14	2	11	-
Franklin	245	2	4	52	14	13	4	4	2
Geary	197	-	3	43	10	16	5	2	1
Gove	32	-	-	2	2	-	-	-	-
Graham	43	-	-	8	2	2	1	1	-
Grant	64	-	-	14	3	2	1	3	3
Gray	56	-	1	8	1	2	1	-	1
Greeley	19	-	-	5	3	-	-	2	-
Greenwood	113	-	1	23	6	7	2	3	1
Hamilton	31	-	-	11	2	4	1	2	-
Harper	107	-	1	21	4	9	-	1	-
Harvey	367	-	5	96	24	18	9	15	3
Haskell	30	-	-	2	1	-	-	1	-
Hodgeman	14	-	-	1	-	-	1	-	-
Jackson	130	-	1	29	13	8	2	1	-
Jefferson	160	-	1	41	7	14	-	4	1
Jewell	67	-	-	16	4	6	2	1	1
Johnson	2,661	-	42	632	137	175	56	59	24
Kearny	38	-	2	4	1	2	-	-	1
Kingman	99	-	2	16	5	7	-	1	-
Kiowa	42	-	1	6	2	-	-	-	1
Labette	324	-	10	47	15	18	1	4	3
Lane	20	-	1	6	2	2	-	-	1
Leavenworth	443	-	6	105	17	35	14	9	2
Lincoln	54	-	-	10	5	-	2	1	-
Linn	114	-	-	26	5	6	2	4	-
Logan	50	-	1	10	3	2	-	2	-

Table 53
Selected Causes Of Death By County Of Residence
Kansas, 2000

County of Residence	All Causes	Selected Causes of Death (ICD-10)							
		Tuber-culosis (A16-A19)	Residual Infect. & Para-sitic Dis. (A00-A15, A20-B99	All Malignant Neoplasms (C00-C97)	Malignant Neoplasms of Digestive Organs (C15-C26)	Malignant Neoplasms of Respiratory and Intrathoracic Organs (C30-C39)	Malignant Neoplasm of Breast (C50)	Malignant Neoplasms of Genital Organs (C51-C63)	Malignant Neoplasms of Urinary Tract (C64-C68)
Lyon	323	-	4	62	7	17	7	6	4
Marion	210	-	2	31	9	6	5	-	1
Marshall	139	-	1	28	6	8	2	4	1
McPherson	344	-	3	72	19	15	9	10	4
Meade	53	-	-	15	1	3	1	3	-
Miami	265	-	3	61	12	18	8	6	-
Mitchell	110	-	5	24	8	1	2	6	-
Montgomery	486	-	12	119	24	39	6	13	5
Morris	83	-	1	18	4	6	-	4	-
Morton	33	-	1	4	1	1	2	-	-
Nemaha	158	-	4	30	9	8	3	3	-
Neosho	207	-	3	44	10	14	2	3	2
Ness	61	-	-	12	1	2	2	1	-
Norton	81	-	1	15	3	7	-	1	1
Osage	171	-	-	33	6	13	1	4	-
Osborne	74	-	1	10	2	4	1	1	-
Ottawa	68	-	2	12	3	2	1	1	1
Pawnee	102	-	-	28	4	12	2	4	-
Phillips	84	-	1	15	4	-	-	4	1
Pottawatomie	173	-	5	37	10	13	2	2	-
Pratt	128	-	1	20	2	3	4	2	2
Rawlins	48	-	-	11	1	2	2	-	-
Reno	699	-	8	143	41	39	12	15	7
Republic	109	-	-	20	5	3	2	1	-
Rice	136	-	1	27	5	8	2	2	2
Riley	296	-	4	56	12	18	7	3	3
Rooks	70	-	4	14	2	1	2	2	-
Rush	54	-	-	8	3	1	2	-	-
Russell	106	-	2	13	4	2	-	4	2
Saline	493	-	7	94	19	27	6	5	2
Scott	58	-	-	13	5	2	1	-	-
Sedgwick	3,626	3	83	815	159	255	69	101	45
Seward	160	-	4	25	3	11	2	-	1
Shawnee	1,757	-	27	367	84	109	26	37	17
Sheridan	27	-	-	5	2	-	-	-	-
Sherman	73	-	-	20	5	6	1	5	1
Smith	76	-	1	18	5	5	1	2	-
Stafford	74	-	2	14	2	5	1	1	1
Stanton	26	-	-	6	2	1	-	1	1
Stevens	52	-	1	8	3	1	1	1	-
Sumner	308	-	7	64	9	11	9	11	7
Thomas	78	-	-	11	1	4	1	2	-
Trego	49	-	1	10	4	3	1	-	-
Wabaunsee	75	-	1	10	1	3	3	1	-
Wallace	19	-	-	2	-	-	-	-	-
Washington	99	-	-	12	2	2	-	3	1
Wichita	26	-	-	7	2	2	-	3	-
Wilson	169	-	3	30	8	12	-	2	-
Woodson	55	-	2	12	-	1	1	1	4
Wyandotte	1,532	1	38	349	68	111	34	31	17

Table 53
Selected Causes Of Death By County Of Residence
Kansas, 2000

County of Residence	Selected Causes of Death (ICD-10)									
	Leukemia (C91-C95)	Other Malignant Neoplasms (C00-C14, C40-C49, C69-C90, C96-C97)	Diabetes mellitus (E10-E14)	Alzheimer's Disease (G30)	Major Cardio-vascular Diseases (I00-I78)	Diseases of Heart (I00-I09, I11, I13, I20-I51)	Rheumatic Fever and Rheumatic Heart Diseases (I00-I09)	Hyperten-sive Heart Disease w, w/out Renal Disease (I11, I13)	Ischemic Heart Diseases (I20-I25)	Other Heart Diseases (I26-I51)
Kansas	224	1,141	666	624	9,527	6,890	20	130	4,587	2,153
Allen	2	8	4	2	66	54	-	-	29	25
Anderson	2	5	5	1	37	28	-	2	20	6
Atchison	2	7	7	4	62	49	-	3	34	12
Barber	4	4	2	2	26	21	-	1	16	4
Barton	3	13	7	13	155	113	-	1	75	37
Bourbon	1	11	6	5	89	68	-	1	51	16
Brown	2	6	1	4	52	41	-	-	24	17
Butler	6	30	13	18	248	169	1	9	102	57
Chase	-	1	1	3	16	14	-	-	6	8
Chautauqua	1	3	3	-	28	22	-	-	18	4
Cherokee	6	11	6	4	127	91	1	1	71	18
Cheyenne	-	3	-	1	14	12	-	-	6	6
Clark	-	1	-	-	11	9	-	-	8	1
Clay	2	4	3	2	43	26	-	-	18	8
Cloud	2	3	2	1	75	53	-	3	42	8
Coffey	2	5	2	3	41	33	-	-	20	13
Comanche	-	2	2	1	11	8	-	-	4	4
Cowley	2	16	26	21	156	113	-	1	78	34
Crawford	2	24	15	13	229	179	-	3	142	34
Decatur	1	4	2	-	20	19	-	-	16	3
Dickinson	3	8	9	3	95	61	-	2	48	11
Doniphan	-	5	3	3	42	32	-	-	26	6
Douglas	3	33	12	23	198	142	-	2	82	58
Edwards	-	3	2	-	16	10	-	-	6	4
Elk	1	4	2	2	33	27	-	-	22	5
Ellis	1	10	6	5	88	55	1	1	37	16
Ellsworth	-	1	3	4	46	38	-	-	20	18
Finney	1	6	6	2	79	63	1	1	48	13
Ford	3	9	4	3	115	84	-	1	55	28
Franklin	4	11	9	3	99	69	-	-	42	27
Geary	2	7	9	1	82	61	-	-	41	20
Gove	-	-	-	-	17	12	-	-	11	1
Graham	-	2	2	-	18	13	-	-	11	2
Grant	-	2	1	2	22	18	-	1	12	5
Gray	1	2	3	2	15	6	-	-	4	2
Greeley	-	-	1	-	5	4	-	-	3	1
Greenwood	-	4	3	1	49	39	-	-	28	11
Hamilton	-	2	1	-	6	4	-	1	2	1
Harper	1	6	2	-	50	34	-	1	16	17
Harvey	6	21	7	10	139	104	-	3	63	38
Haskell	-	-	-	2	19	17	-	3	12	2
Hodgeman	-	-	1	-	8	6	-	-	1	5
Jackson	1	4	4	1	58	45	-	3	25	17
Jefferson	4	11	7	5	54	39	-	-	23	16
Jewell	-	2	2	1	23	20	-	-	12	8
Johnson	24	157	51	82	1,044	630	1	9	418	202
Kearny	-	-	-	1	9	8	-	-	6	2
Kingman	1	2	3	-	43	27	-	-	18	9
Kiowa	-	3	5	-	18	13	-	-	9	4
Labette	3	3	9	13	130	96	-	1	72	23
Lane	-	1	2	-	6	4	-	-	1	3
Leavenworth	3	25	13	12	183	136	-	3	80	53
Lincoln	1	1	-	1	21	20	-	1	19	-
Linn	2	7	2	3	47	36	-	-	29	7
Logan	1	2	3	2	19	14	-	1	9	4

Table 53
Selected Causes Of Death By County Of Residence
Kansas, 2000

County of Residence	Selected Causes of Death (ICD-10)									
	Leukemia (C91-C95)	Other Malignant Neoplasms (C00-C14, C40-C49, C69-C90, C96-C97)	Diabetes mellitus (E10-E14)	Alzheimer's Disease (G30)	Major Cardio-vascular Diseases (I00-I78)	Diseases of Heart (I00-I09, I11, I13, I20-I51)	Rheumatic Fever and Rheumatic Heart Diseases (I00-I09)	Hyperten-sive Heart Disease w, w/out Renal Disease (I11, I13)	Ischemic Heart Diseases (I20-I25)	Other Heart Diseases (I26-I51)
Lyon	1	20	8	5	133	118	-	-	63	55
Marion	3	7	4	7	78	58	-	1	30	27
Marshall	-	7	2	1	70	53	-	-	41	12
McPherson	5	10	4	18	154	99	1	3	58	37
Meade	1	6	3	-	18	12	-	2	9	1
Miami	4	13	6	9	98	78	-	2	57	19
Mitchell	1	6	1	2	42	27	-	3	22	2
Montgomery	2	30	11	9	171	109	-	1	91	17
Morris	3	1	4	4	27	16	-	-	14	2
Morton	-	-	1	2	19	17	-	1	15	1
Nemaha	-	7	3	4	67	47	-	1	30	16
Neosho	5	8	5	7	84	65	-	-	48	17
Ness	-	6	1	2	24	20	-	-	16	4
Norton	-	3	2	-	27	21	-	-	10	11
Osage	1	8	5	4	65	43	-	-	25	18
Osborne	-	2	2	-	44	40	1	1	30	8
Ottawa	3	1	3	2	25	21	-	-	16	5
Pawnee	2	4	4	11	34	26	1	2	18	5
Phillips	1	5	2	6	33	22	1	-	15	6
Pottawatomie	2	8	6	5	69	50	-	-	36	14
Pratt	2	5	4	2	53	44	-	3	21	20
Rawlins	1	5	1	1	19	16	-	-	12	4
Reno	5	24	19	25	287	197	3	2	123	69
Republic	2	7	2	3	49	37	-	-	24	13
Rice	2	6	3	3	53	42	-	1	22	19
Riley	2	11	12	6	111	69	-	1	48	20
Rooks	2	5	3	2	30	23	-	-	20	3
Rush	-	2	1	6	29	21	-	-	18	3
Russell	-	1	3	3	46	35	-	-	26	9
Saline	2	33	8	6	201	148	2	1	93	52
Scott	1	4	2	2	27	24	-	1	14	9
Sedgwick	30	156	97	51	1,285	929	3	19	575	332
Seward	-	8	2	2	74	66	1	4	49	12
Shawnee	19	75	47	42	659	493	1	11	335	146
Sheridan	-	3	-	2	12	8	-	-	5	3
Sherman	-	2	-	3	24	20	-	-	12	8
Smith	1	4	1	1	33	24	-	-	16	8
Stafford	1	3	-	1	37	30	-	-	28	2
Stanton	1	-	-	3	7	5	-	-	3	2
Stevens	-	2	-	1	20	17	-	-	15	2
Sumner	3	14	12	10	114	86	-	2	68	16
Thomas	-	3	5	3	33	28	-	-	14	14
Trego	2	-	1	-	21	14	-	-	11	3
Wabaunsee	-	2	3	2	29	24	-	1	18	5
Wallace	-	2	-	-	8	8	-	-	5	3
Washington	-	4	3	4	37	24	-	1	18	5
Wichita	-	-	3	-	4	3	-	-	1	2
Wilson	1	7	8	7	64	51	-	-	41	10
Woodson	-	5	2	2	13	8	-	-	5	3
Wyandotte	7	81	53	48	464	345	1	7	212	125

Table 53
Selected Causes Of Death By County Of Residence
Kansas, 2000

County of Residence	Selected Causes of Death (ICD-10)								
	Hypertension and Hypertensive Renal Disease (I10, I12)	Cerebro-vascular Diseases (I60-I69)	Athero-sclerosis (I70)	Other Diseases of Arter-ies, Arteri oles and Capillaries (I71-I78)	Pneumonia and Influenza (J10-J18)	Chronic Lower Respiratory Diseases (J40-J47)	Peptic Ulcer (K25-K28)	Chronic Liver Disease and Cirrhosis (K70, K73-K74)	Nephritis, Nephrotic Syndr. and Nephrosis (N00-N07, N17-N19, N25-N27)
Kansas	156	1,828	351	302	740	1,412	53	173	478
Allen	1	10	-	1	4	8	-	2	4
Anderson	1	4	1	3	5	3	-	-	3
Atchison	-	11	1	1	3	11	1	1	4
Barber	-	4	-	1	4	1	1	-	1
Barton	6	26	5	5	16	17	1	2	5
Bourbon	-	20	1	-	9	10	-	2	5
Brown	-	6	3	2	5	6	1	1	1
Butler	3	60	10	6	21	34	2	4	5
Chase	-	2	-	-	1	1	-	-	-
Chautauqua	-	5	-	1	2	2	-	-	1
Cherokee	-	28	1	7	8	12	3	2	3
Cheyenne	-	2	-	-	1	1	-	-	3
Clark	-	-	2	-	5	2	-	1	1
Clay	4	10	1	2	2	11	-	1	1
Cloud	1	16	1	4	11	7	-	-	1
Coffey	-	7	-	1	4	2	1	-	4
Comanche	-	2	-	1	-	-	-	-	1
Cowley	-	34	1	8	18	26	1	1	12
Crawford	1	45	2	2	13	21	-	4	4
Decatur	-	1	-	-	4	2	-	-	1
Dickinson	3	26	1	4	14	12	1	2	4
Doniphan	1	6	2	1	2	7	-	-	3
Douglas	3	40	5	8	11	38	-	2	7
Edwards	1	3	2	-	2	3	-	-	2
Elk	1	2	1	2	2	3	-	-	1
Ellis	3	28	-	2	7	17	2	5	3
Ellsworth	2	3	-	3	2	4	-	1	2
Finney	2	10	1	3	2	8	1	3	7
Ford	2	24	2	3	13	11	-	2	6
Franklin	2	23	3	2	6	18	-	4	6
Geary	2	18	1	-	9	6	-	2	2
Gove	-	3	1	1	1	2	-	-	-
Graham	2	2	1	-	1	4	-	-	-
Grant	-	3	-	1	3	7	-	-	1
Gray	-	9	-	-	2	2	-	-	3
Greeley	1	-	-	-	1	1	1	-	-
Greenwood	-	8	-	2	5	6	-	1	4
Hamilton	-	2	-	-	1	1	-	-	2
Harper	1	14	-	1	5	6	-	1	2
Harvey	-	27	1	7	12	24	-	2	6
Haskell	-	2	-	-	-	-	-	-	-
Hodgeman	-	2	-	-	1	-	-	-	-
Jackson	-	11	1	1	4	6	-	-	1
Jefferson	1	9	1	4	2	9	-	-	4
Jewell	-	2	1	-	1	6	-	1	-
Johnson	10	205	178	21	65	130	3	23	45
Kearny	-	1	-	-	2	4	-	-	-
Kingman	1	12	2	1	1	2	-	-	1
Kiowa	2	3	-	-	1	3	-	-	-
Labette	2	22	7	3	21	15	-	1	7
Lane	-	2	-	-	1	1	-	-	1
Leavenworth	3	37	-	7	8	19	1	2	14
Lincoln	-	1	-	-	6	2	-	-	2
Linn	1	7	-	3	5	4	1	-	1
Logan	-	4	-	1	-	3	-	-	-

Table 53
Selected Causes Of Death By County Of Residence
Kansas, 2000

County of Residence	Selected Causes of Death (ICD-10)								
	Hypertension and Hypertensive Renal Disease (I10, I12)	Cerebro-vascular Diseases (I60-I69)	Athero-sclerosis (I70)	Other Diseases of Arter-ies, Arteri oles and Capillaries (I71-I78)	Pneumonia and Influenza (J10-J18)	Chronic Lower Respiratory Diseases (J40-J47)	Peptic Ulcer (K25-K28)	Chronic Liver Disease and Cirrhosis (K70, K73-K74)	Nephritis, Nephrotic Syndr. and Nephrosis (N00-N07, N17-N19, N25-N27)
Lyon	1	13	-	1	14	14	1	3	8
Marion	-	16	4	-	9	9	1	1	4
Marshall	-	14	1	2	4	7	-	1	6
McPherson	2	48	1	4	8	19	-	-	4
Meade	-	3	-	3	2	3	-	-	1
Miami	3	10	2	5	4	16	-	-	6
Mitchell	-	13	-	2	4	8	-	-	4
Montgomery	8	40	5	9	17	17	3	2	13
Morris	1	8	-	2	1	9	1	-	-
Morton	-	2	-	-	-	1	-	-	1
Nemaha	1	16	1	2	11	12	-	-	4
Neosho	-	16	1	2	8	10	-	-	4
Ness	-	2	1	1	4	5	-	2	-
Norton	-	6	-	-	4	5	1	-	3
Osage	1	18	1	2	5	9	-	1	7
Osborne	-	3	1	-	2	2	1	-	-
Ottawa	-	4	-	-	4	8	-	-	1
Pawnee	1	4	2	1	4	5	-	-	2
Phillips	1	4	6	-	1	6	-	-	1
Pottawatomie	-	16	1	2	4	7	-	2	4
Pratt	-	4	2	3	10	8	-	1	4
Rawlins	-	2	-	1	-	1	-	-	1
Reno	4	71	4	11	20	34	1	4	15
Republic	-	7	2	3	4	3	-	1	5
Rice	3	7	-	1	6	6	1	1	-
Riley	2	33	1	6	9	26	-	3	4
Rooks	1	3	-	3	1	3	-	-	4
Rush	1	6	-	1	1	1	-	-	2
Russell	-	9	-	2	2	10	1	2	3
Saline	4	42	3	4	13	48	3	3	13
Scott	-	3	-	-	2	2	-	1	2
Sedgwick	37	225	40	54	88	244	7	27	61
Seward	-	7	-	1	3	7	1	2	3
Shawnee	13	123	4	26	35	125	6	18	30
Sheridan	-	4	-	-	1	1	-	-	1
Sherman	-	2	2	-	1	5	-	1	2
Smith	-	7	-	2	2	2	-	-	-
Stafford	-	4	2	1	4	4	1	-	2
Stanton	-	2	-	-	1	-	-	-	-
Stevens	-	2	1	-	2	8	-	-	1
Sumner	1	17	7	3	10	8	1	1	5
Thomas	-	4	1	-	4	5	1	1	-
Trego	-	7	-	-	4	2	-	-	1
Wabaunsee	-	4	-	1	-	6	-	1	2
Wallace	-	-	-	-	-	3	-	1	-
Washington	-	12	1	-	6	3	-	2	2
Wichita	-	1	-	-	-	1	-	-	-
Wilson	1	11	-	1	7	10	-	2	2
Woodson	1	4	-	-	1	5	-	-	1
Wyandotte	6	85	14	14	38	98	1	16	42

Table 53
Selected Causes Of Death By County Of Residence
Kansas, 2000

County of Residence	Selected Causes of Death (ICD-10)								
	Pregnancy, Childbirth and the Puerperium (O00-O99)	Congen-ital Anomalies (Q00-Q99)	Cert. Cond. Origina-ting in the Peri-natal Period (P00-P96)	Symptoms, Signs and Abnormal Findings (R00-R99)	Motor Vehicle Accidents *	All Other Accidents and Adverse Effects **	Suicide (X60-X84, Y87.0)	Homicide (X85-Y09, Y87.1)	All Other Causes
Kansas	4	123	110	472	485	596	331	141	3,106
Allen	-	-	-	4	4	7	3	-	20
Anderson	-	-	1	1	6	2	-	1	16
Atchison	-	3	1	3	6	2	2	1	24
Barber	-	-	-	-	-	1	-	-	11
Barton	-	-	-	4	5	5	6	-	37
Bourbon	-	-	-	10	8	6	1	-	23
Brown	-	1	-	5	4	2	2	2	16
Butler	-	3	3	2	16	10	7	-	59
Chase	-	-	-	-	3	-	1	-	3
Chautauqua	-	-	-	-	4	1	1	-	7
Cherokee	-	1	-	4	11	5	5	1	21
Cheyenne	-	-	-	-	2	-	2	-	8
Clark	-	-	-	1	-	-	-	-	2
Clay	-	-	-	9	1	4	1	-	9
Cloud	-	-	1	1	2	6	2	-	28
Coffey	-	1	-	3	1	2	2	-	8
Comanche	-	-	-	-	2	-	-	-	6
Cowley	-	-	1	5	3	17	4	2	55
Crawford	-	4	1	8	13	6	7	5	49
Decatur	-	-	-	2	1	1	1	-	5
Dickinson	-	1	2	4	5	1	1	-	29
Doniphan	-	-	-	1	5	2	1	-	11
Douglas	1	6	4	9	9	11	5	2	77
Edwards	-	-	-	3	-	5	-	1	4
Elk	-	-	3	-	2	2	1	-	2
Ellis	-	1	-	1	3	4	3	-	38
Ellsworth	-	3	-	3	2	3	-	-	10
Finney	-	4	5	5	12	6	2	4	32
Ford	-	2	2	5	5	11	-	4	30
Franklin	-	-	1	-	5	5	3	2	26
Geary	-	-	2	2	5	7	3	-	21
Gove	-	-	-	-	1	-	-	-	9
Graham	-	-	-	-	2	1	-	-	7
Grant	-	1	-	-	4	1	-	-	8
Gray	-	1	-	2	5	1	1	-	10
Greeley	-	-	-	-	1	1	-	-	3
Greenwood	-	-	-	1	1	1	3	1	13
Hamilton	-	-	-	-	2	-	1	1	5
Harper	-	-	-	-	2	5	-	1	11
Harvey	-	-	1	6	5	6	4	-	44
Haskell	-	-	-	-	1	-	2	-	4
Hodgeman	-	-	-	-	1	2	-	-	0
Jackson	-	-	1	-	6	2	4	2	11
Jefferson	-	1	-	2	4	3	3	1	23
Jewell	-	-	-	5	-	3	-	-	9
Johnson	1	22	16	37	40	64	47	5	312
Kearny	-	1	-	-	6	2	1	-	6
Kingman	-	-	1	2	3	5	-	-	20
Kiowa	-	-	-	-	-	1	-	-	7
Labette	-	3	-	13	6	9	3	-	37
Lane	-	-	-	-	-	-	-	-	2
Leavenworth	-	1	3	4	4	10	4	3	51
Lincoln	-	1	-	-	3	2	4	-	2
Linn	-	-	1	4	6	1	1	-	12
Logan	-	-	-	-	-	1	2	-	9

Table 53
Selected Causes Of Death By County Of Residence
Kansas, 2000

County of Residence	Selected Causes of Death (ICD-10)								
	Pregnancy, Childbirth and the Puerperium (O00-O99)	Congen-ital Anomalies (Q00-Q99)	Cert. Cond. Origina-ting in the Peri-natal Period (P00-P96)	Symptoms, Signs and Abnormal Findings (R00-R99)	Motor Vehicle Accidents *	All Other Accidents and Adverse Effects **	Suicide (X60-X84, Y87.0)	Homicide (X85-Y09, Y87.1)	All Other Causes
Lyon	-	3	1	5	7	9	7	3	36
Marion	-	-	1	11	4	11	1	-	36
Marshall	-	-	-	1	4	4	-	-	10
McPherson	-	1	1	2	8	7	2	-	41
Meade	-	1	-	-	3	-	-	-	7
Miami	1	1	2	4	7	7	5	-	35
Mitchell	-	-	-	1	1	2	-	-	16
Montgomery	-	-	1	12	7	15	8	-	69
Morris	-	-	-	2	4	2	2	1	7
Morton	-	-	-	-	1	1	-	-	2
Nemaha	-	1	-	1	4	1	2	-	14
Neosho	-	1	3	4	5	6	1	-	22
Ness	-	-	-	-	1	4	1	-	5
Norton	-	-	-	11	1	-	-	-	11
Osage	-	1	1	13	5	2	1	-	19
Osborne	-	-	-	1	1	2	2	-	6
Ottawa	-	-	-	1	1	1	-	-	8
Pawnee	-	-	-	1	4	2	2	-	5
Phillips	-	-	-	6	2	2	-	-	9
Pottawatomie	-	2	1	3	5	6	1	-	16
Pratt	-	-	-	-	3	-	3	-	19
Rawlins	-	-	-	-	4	3	1	-	6
Reno	-	4	4	18	9	10	8	3	87
Republic	-	-	-	4	3	3	-	-	12
Rice	-	1	-	2	1	4	-	-	27
Riley	-	-	-	3	3	12	5	-	42
Rooks	-	-	-	2	1	1	-	-	5
Rush	-	1	-	-	-	-	1	-	4
Russell	-	1	-	1	4	1	5	-	9
Saline	-	-	1	8	7	11	5	-	65
Scott	-	-	-	-	1	1	-	-	5
Sedgwick	-	24	25	46	46	91	48	36	549
Seward	-	2	2	-	4	3	3	1	22
Shawnee	1	10	10	27	17	48	34	18	236
Sheridan	-	-	-	-	1	1	-	-	3
Sherman	-	-	-	1	-	1	3	-	12
Smith	-	1	-	5	1	-	1	-	10
Stafford	-	-	-	1	2	-	2	-	4
Stanton	-	1	-	-	1	3	1	1	2
Stevens	-	-	-	-	1	-	2	-	8
Sumner	-	1	-	3	9	12	5	-	46
Thomas	-	-	-	2	5	1	1	-	6
Trego	-	-	-	-	-	1	1	-	7
Wabaunsee	-	-	-	1	2	-	1	-	17
Wallace	-	-	-	-	1	1	-	-	3
Washington	-	-	-	5	4	7	-	-	14
Wichita	-	-	-	-	2	-	-	2	7
Wilson	-	-	-	4	3	6	2	1	20
Woodson	-	-	-	2	2	4	1	-	8
Wyandotte	-	5	7	87	25	32	17	36	175

* Motor-Vehicle ICD-10 Codes: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2

** All Other Accidents: V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-X59, Y40-Y86, Y88

Marriages

In 2000, 20,426 marriages occurred in Kansas, a decrease of 2.3 percent from the 1999 total of 20,905 marriages. (Table 54)

The greatest number of marriages (3,890) occurred in Sedgwick county, but Geary county had the highest marriage rate of 16.1 marriages per 1,000 population. Greeley county had the fewest marriages (6) and also had the lowest marriage rate of 3.9 marriages per 1,000 population. (Table 54, Figure 37)

The Kansas marriage rate in 2000 was 7.6 marriages per 1,000 population, which was 17.4 percent lower than the 1990 rate of 9.2. The 2000 rate was 10.6 percent lower than the estimated U.S. rate of 8.5 marriages per 1,000 population. (Table 1, Figure 39)

More wedding ceremonies were performed in June (12.6 percent) than any other month in 2000, with July and May being the second and third most popular months. (Figure 41)

First-time marriages for both partners made up more than half of the marriages in Kansas for the second consecutive year. In 2000, 51.1 percent of all marriages involved first-time partners. (Table 56, Figure 2)

Kansas couples are delaying marriage. In 1990, 14.0 percent of the brides and 5.1 percent of the grooms were under 20 years of age. However, in 2000, 10.2 percent of the brides and 3.7 percent of the grooms were under 20. (Table 57)

The average age of all brides in 2000 was 29.7 years and that of grooms was 31.9 years. Women marrying for the first time averaged 24.4 years while first time grooms averaged 26.7 years. Of those persons who remarried during 2000, women were, on the average, 38.8 years old and men were 41.7 years of age. (Figure 42)

Marriage Dissolutions

In 2000, 10,105 marriage dissolutions (9,808 divorces and 297 annulments) occurred in Kansas, an increase of 1.8 percent from the 1999 total of 9,926. (Table 55 and Table 59)

The greatest number of marriage dissolutions (2,877) occurred in Sedgwick county, but Coffey county had the highest marriage dissolution rate (17.0) per 1,000 population. Wallace county had 1 marriage dissolution in 2000, and also had the lowest dissolution rate of 0.6 per 1,000 population. (Table 55, Figure 38)

The Kansas marriage dissolution rate in 2000 was 3.8 marriage dissolutions per 1,000 population, which was 25.5 percent lower than the 1990 rate of 5.1. The Kansas rate in 1999 was the lowest since 1970. (Table 1, Figure 40)

Kansas has generally reported a higher marriage dissolution rate than the U.S. for most years since 1951. However, Kansas' rate in 1995 (4.3) was lower than the U.S. rate (4.4) for the first time since 1951. The Kansas rate in 2000 (3.8) was 7.3 percent lower than the U.S. rate (4.1). (Figure 40)

The ratios of marriages to divorces for Kansas and the U.S. were both roughly 2 to 1, with Kansas at 2.0:1 and the U.S. at 2.1:1. (Table 54 and Table 55)

The most common age-group of wives involved in marriage dissolutions in 2000 was 25-29, while for husbands it was the 35-39 age-group. For couples of the same age-group, the most common age-group was 25-29. (Table 58)

The average age at marriage dissolution in 2000 was 35.6 years for wives and 37.9 years for husbands, as compared to 33.2 years for wives and 35.7 years for husbands in 1990. (Figure 43)

In 2000, 41.5 percent of marriages ending in divorce or annulment lasted four years or less. (Table 59)

There were 9,550 minor children affected as a result of marriage dissolutions in 2000. At least one minor child was reported in over half (52.3 percent) of the marriage dissolutions. (Table 60, Figure 44)

Table 54
Marriages By Number And Rate*
By County Of Marriage And By Peer Group**
Kansas, 1996-2000

County of Marriage	Year									
	1996		1997		1998		1999		2000	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Kansas	20,657	8.0	20,537	7.9	20,403	7.8	20,905	7.9	20,426	7.6
Allen	119	8.1	117	8.1	92	6.3	96	6.7	86	6.0
Anderson	59	7.3	54	6.7	74	9.2	75	9.2	54	6.7
Atchison	146	9.0	136	8.3	138	8.2	116	6.9	118	7.0
Barber	36	6.6	49	9.1	51	9.5	40	7.6	33	6.2
Barton	247	8.8	250	8.9	215	7.8	243	8.5	251	8.9
Bourbon	146	9.6	121	7.9	139	9.1	128	8.5	129	8.4
Brown	75	6.8	71	6.4	78	7.0	84	7.7	77	7.2
Butler	367	6.2	407	6.8	458	7.4	476	7.6	421	7.1
Chase	36	12.5	36	12.4	34	11.5	44	15.4	34	11.2
Chautauqua	29	6.6	35	8.0	53	12.2	48	11.2	42	9.6
Cherokee	183	8.1	141	6.3	139	6.2	121	5.4	123	5.4
Cheyenne	29	9.0	22	6.9	21	6.6	22	6.8	20	6.3
Clark	22	9.2	17	7.0	17	7.2	22	9.4	16	6.7
Clay	82	8.8	60	6.5	83	9.1	60	6.7	71	8.0
Cloud	69	6.7	66	6.5	71	7.1	91	9.1	76	7.4
Coffey	70	8.0	65	7.4	69	7.9	58	6.6	74	8.3
Comanche	17	8.2	9	4.5	1	0.5	18	9.2	22	11.2
Cowley	349	9.4	334	9.1	280	7.7	313	8.5	297	8.2
Crawford	220	6.1	228	6.3	240	6.6	272	7.5	246	6.4
Decatur	29	8.2	32	9.1	26	7.5	28	8.3	33	9.5
Dickinson	165	8.3	165	8.4	193	9.8	194	9.9	157	8.1
Doniphan	66	8.5	53	6.9	61	7.8	51	6.4	63	7.6
Douglas	768	8.5	781	8.6	761	8.2	706	7.2	733	7.3
Edwards	22	6.3	23	6.7	28	8.5	28	8.5	20	5.8
Elk	28	8.3	25	7.4	20	6.0	26	7.7	26	8.0
Ellis	178	6.8	182	6.9	210	8.0	220	8.4	207	7.5
Ellsworth	37	5.8	62	9.9	42	6.7	49	7.9	53	8.1
Finney	373	10.5	347	9.7	325	8.9	353	9.4	318	7.8
Ford	322	11.0	332	11.3	273	9.3	314	10.6	259	8.0
Franklin	202	8.6	192	8.1	179	7.2	222	8.8	167	6.7
Geary	429	16.3	422	16.7	491	19.4	509	20.4	450	16.1
Gove	17	5.5	12	3.9	9	2.9	17	5.6	15	4.9
Graham	24	7.4	29	8.9	17	5.3	20	6.4	22	7.5
Grant	78	10.1	72	9.1	59	7.4	62	7.9	69	8.7
Gray	35	6.3	32	5.8	34	6.1	33	5.9	40	6.8
Greeley	16	9.1	9	5.2	10	5.9	9	5.5	6	3.9
Greenwood	44	5.4	48	6.0	60	7.4	55	6.9	61	7.9
Hamilton	23	10.0	23	10.1	22	9.4	17	7.2	21	7.9
Harper	27	4.1	52	8.0	52	8.1	45	7.1	56	8.6
Harvey	281	9.0	255	8.1	246	7.2	249	7.3	254	7.7
Haskell	37	9.4	23	5.7	31	7.8	29	7.2	23	5.3
Hodgeman	8	3.6	16	7.2	5	2.3	7	3.1	9	4.3
Jackson	93	7.8	83	6.9	91	7.5	80	6.6	76	6.0
Jefferson	105	6.0	113	6.3	119	6.5	118	6.5	102	5.5
Jewell	21	5.2	21	5.3	23	5.9	23	6.1	17	4.5
Johnson	2,678	6.6	2,597	6.2	2,534	5.9	2,612	5.9	2,686	6.0
Kearny	38	9.0	40	9.5	30	7.2	29	7.0	28	6.2
Kingman	74	8.7	56	6.6	54	6.3	50	5.8	57	6.6
Kiowa	26	7.3	21	6.1	26	7.5	26	7.8	23	7.0
Labette	153	6.7	148	6.5	173	7.5	132	5.8	139	6.1
Lane	13	5.9	9	4.1	17	7.5	16	7.4	17	7.9
Leavenworth	495	7.1	510	7.3	484	6.8	542	7.6	515	7.5
Lincoln	20	5.9	28	8.4	30	9.0	32	9.6	27	7.5
Linn	59	6.6	67	7.4	62	6.8	74	8.0	75	7.8
Logan	23	7.4	34	11.2	35	11.7	15	5.1	36	11.8

Table 54
Marriages By Number And Rate*
By County Of Marriage And By Peer Group**
Kansas, 1996-2000

County of Marriage	Year										5-Year Rate
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Lyon	275	8.0	273	8.0	263	7.8	289	8.6	295	8.2	8.1
Marion	96	7.4	86	6.7	86	6.3	92	6.8	75	5.6	6.6
Marshall	97	8.6	86	7.7	69	6.3	78	7.2	87	7.9	7.5
McPherson	209	7.6	216	7.8	248	8.7	229	7.9	229	7.7	7.9
Meade	37	8.3	33	7.5	38	8.6	37	8.4	32	6.9	7.9
Miami	192	7.4	167	6.4	213	8.0	174	6.4	208	7.3	7.1
Mitchell	55	7.8	61	8.7	50	7.2	53	7.6	60	8.7	8.0
Montgomery	316	8.4	321	8.6	301	8.1	318	8.6	325	9.0	8.5
Morris	54	8.5	57	9.2	56	9.1	55	8.9	57	9.3	9.0
Morton	39	11.8	25	7.4	21	6.1	30	8.6	46	13.2	9.4
Nemaha	87	8.4	73	7.1	87	8.6	67	6.6	88	8.2	7.8
Neosho	102	6.0	122	7.2	128	7.6	120	7.2	127	7.5	7.1
Ness	23	6.3	29	8.0	28	7.8	21	5.9	24	6.9	7.0
Norton	38	6.6	49	8.4	56	9.7	38	6.7	33	5.5	7.4
Osage	109	6.5	110	6.4	86	5.0	125	7.3	115	6.9	6.4
Osborne	31	6.7	19	4.2	22	4.7	20	4.4	24	5.4	5.1
Ottawa	33	5.7	41	7.0	26	4.4	44	7.5	31	5.0	5.9
Pawnee	52	7.0	56	7.7	50	6.7	47	6.5	58	8.0	7.2
Phillips	46	7.4	43	7.1	39	6.4	58	9.7	38	6.3	7.4
Pottawatomie	95	5.3	92	5.1	103	5.5	134	7.1	85	4.7	5.5
Pratt	86	8.8	80	8.2	78	8.0	94	9.9	79	8.2	8.6
Rawlins	17	5.2	14	4.4	24	7.7	25	8.3	17	5.7	6.3
Reno	584	9.3	596	9.5	593	9.4	594	9.3	560	8.6	9.2
Republic	65	10.4	56	9.1	39	6.4	43	7.2	41	7.0	8.0
Rice	84	8.4	87	8.7	62	6.0	65	6.4	64	5.9	7.1
Riley	474	7.3	476	7.5	497	7.8	487	7.6	480	7.6	7.6
Rooks	35	6.0	45	7.9	44	7.8	40	7.1	49	8.6	7.5
Rush	20	5.7	17	5.0	24	7.0	26	7.7	24	6.8	6.4
Russell	50	6.5	41	5.4	51	6.7	45	6.0	62	8.4	6.6
Saline	458	8.8	434	8.4	489	9.5	523	10.2	423	7.9	9.0
Scott	27	5.4	34	6.8	42	8.4	37	7.5	47	9.2	7.5
Sedgwick	3,816	9.0	4,013	9.1	3,956	8.8	3,965	8.8	3,890	8.6	8.9
Seward	224	11.2	217	10.8	193	9.7	214	10.6	209	9.3	10.3
Shawnee	1,332	8.1	1,270	7.7	1,257	7.6	1,379	8.1	1,382	8.1	7.9
Sheridan	15	5.4	22	8.0	18	6.6	12	4.5	15	5.3	6.0
Sherman	52	7.7	62	9.4	40	6.1	48	7.4	51	7.5	7.6
Smith	37	7.8	30	6.4	36	7.8	46	10.1	36	7.9	8.0
Stafford	43	8.4	25	4.9	31	6.2	31	6.2	22	4.6	6.1
Stanton	17	7.4	18	7.7	16	7.1	12	5.4	18	7.5	7.0
Stevens	44	8.2	58	10.7	51	9.5	37	6.9	47	8.6	8.8
Sumner	232	8.6	194	7.2	228	8.4	235	8.6	212	8.2	8.2
Thomas	69	8.3	78	9.5	42	5.2	66	8.3	50	6.1	7.5
Trego	25	7.3	23	6.9	29	8.8	22	6.7	33	9.9	7.9
Wabaunsee	41	6.2	33	4.9	42	6.3	41	6.2	36	5.2	5.8
Wallace	17	9.4	21	11.7	11	6.1	12	6.7	13	7.4	8.3
Washington	38	5.6	49	7.4	51	7.9	29	4.5	41	6.3	6.3
Wichita	22	8.1	15	5.5	18	6.8	15	5.8	16	6.3	6.5
Wilson	101	9.8	85	8.3	81	7.9	85	8.2	92	8.9	8.6
Woodson	31	7.8	23	5.8	34	8.5	32	8.2	20	5.3	7.1
Wyandotte	1,307	8.5	1,330	8.7	1,271	8.3	1,297	8.6	1,310	8.3	8.5
Peer Group											
Frontier	748	7.5	721	7.3	707	7.2	717	7.4	723	7.3	7.3
Rural	2,192	7.5	2,154	7.5	2,120	7.3	2,118	7.4	2,132	7.3	7.4
Densely -Settled Rural	3,523	8.4	3,390	8.1	3,343	7.9	3,456	8.1	3,226	7.5	8.0
Semi-Urban	4,293	8.2	4,281	8.2	4,454	8.4	4,655	8.8	4,344	8.1	8.3
Urban	9,901	8.0	9,991	7.9	9,779	7.6	9,959	7.6	10,001	7.5	7.7

* Rate per 1,000 population
** See Technical Notes for Peer Group definition.
Occurrence data

Table 55
Marriage Dissolutions by Number And Rate*
By County of Action And By Peer Group**
Kansas, 1996-2000

County of Action	Year										5-Year Rate
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Kansas	10,779	4.2	10,618	4.1	10,363	3.9	9,926	3.7	10,105	3.8	3.9
Allen	42	2.9	29	2.0	30	2.1	39	2.7	44	3.1	2.6
Anderson	41	5.1	58	7.2	27	3.3	33	4.1	41	5.1	5.0
Atchison	39	2.4	93	5.7	73	4.3	58	3.4	65	3.9	3.9
Barber	27	4.9	13	2.4	27	5.1	24	4.6	27	5.1	4.4
Barton	96	3.4	90	3.2	87	3.1	70	2.4	56	2.0	2.8
Bourbon	69	4.6	66	4.3	54	3.5	65	4.3	61	4.0	4.1
Brown	31	2.8	36	3.3	35	3.2	30	2.7	47	4.4	3.3
Butler	222	3.7	242	4.0	231	3.7	196	3.1	238	4.0	3.7
Chase	1	0.3	4	1.4	5	1.7	8	2.8	6	2.0	1.6
Chautauqua	20	4.6	22	5.0	19	4.4	16	3.7	22	5.0	4.5
Cherokee	69	3.1	80	3.5	84	3.7	66	2.9	56	2.5	3.1
Cheyenne	11	3.4	15	4.7	14	4.4	9	2.8	12	3.8	3.8
Clark	7	2.9	8	3.3	12	5.1	3	1.3	5	2.1	2.9
Clay	27	2.9	32	3.5	21	2.3	32	3.6	40	4.5	3.4
Cloud	38	3.7	38	3.7	30	3.0	38	3.8	49	4.8	3.8
Coffey	127	14.5	138	15.8	150	17.2	124	14.2	151	17.0	15.7
Comanche	-	-	-	-	-	-	6	3.1	4	2.0	1.0
Cowley	222	6.0	192	5.2	206	5.7	162	4.4	195	5.4	5.3
Crawford	204	5.6	175	4.9	178	4.9	180	5.0	185	4.8	5.0
Decatur	16	4.5	11	3.1	11	3.2	9	2.7	6	1.7	3.0
Dickinson	87	4.4	84	4.3	86	4.4	103	5.2	89	4.6	4.6
Doniphan	25	3.2	26	3.4	19	2.4	39	4.9	22	2.7	3.3
Douglas	439	4.9	392	4.3	381	4.1	393	4.0	344	3.4	4.1
Edwards	12	3.5	18	5.3	9	2.7	7	2.1	15	4.3	3.6
Elk	13	3.8	12	3.6	6	1.8	24	7.1	19	5.8	4.4
Ellis	104	4.0	108	4.1	103	3.9	96	3.6	116	4.2	4.0
Ellsworth	54	8.5	38	6.0	53	8.4	57	9.2	54	8.3	8.1
Finney	142	4.0	170	4.7	146	4.0	161	4.3	137	3.4	4.1
Ford	94	3.2	105	3.6	107	3.6	130	4.4	112	3.5	3.7
Franklin	117	5.0	134	5.6	91	3.7	136	5.4	110	4.4	4.8
Geary	257	9.8	285	11.3	235	9.3	260	10.4	225	8.1	9.8
Gove	6	1.9	3	1.0	3	1.0	3	1.0	8	2.6	1.5
Graham	12	3.7	16	4.9	15	4.7	3	1.0	9	3.1	3.5
Grant	22	2.9	33	4.2	26	3.2	42	5.3	25	3.2	3.8
Gray	22	4.0	17	3.1	13	2.3	12	2.2	11	1.9	2.7
Greeley	5	2.9	5	2.9	8	4.7	6	3.6	7	4.6	3.7
Greenwood	31	3.8	32	4.0	30	3.7	48	6.0	39	5.1	4.5
Hamilton	15	6.5	4	1.8	6	2.6	11	4.6	16	6.0	4.3
Harper	19	2.9	20	3.1	21	3.3	19	3.0	20	3.1	3.1
Harvey	126	4.0	109	3.5	86	2.5	137	4.0	38	1.2	3.0
Haskell	16	4.1	12	3.0	18	4.5	10	2.5	9	2.1	3.2
Hodgeman	5	2.2	3	1.3	6	2.7	3	1.3	3	1.4	1.8
Jackson	34	2.8	40	3.3	44	3.6	36	3.0	36	2.8	3.1
Jefferson	59	3.4	55	3.1	60	3.3	52	2.9	68	3.7	3.3
Jewell	9	2.2	11	2.8	12	3.1	13	3.4	17	4.5	3.2
Johnson	777	1.9	661	1.6	501	1.2	458	1.0	469	1.0	1.3
Kearny	7	1.7	14	3.3	3	0.7	13	3.1	8	1.8	2.1
Kingman	32	3.7	36	4.2	38	4.4	23	2.7	27	3.1	3.6
Kiowa	8	2.2	3	0.9	5	1.4	5	1.5	6	1.8	1.6
Labette	74	3.2	96	4.2	120	5.2	117	5.1	129	5.6	4.7
Lane	13	5.9	12	5.5	12	5.3	8	3.7	4	1.9	4.5
Leavenworth	183	2.6	184	2.6	139	1.9	86	1.2	156	2.3	2.1
Lincoln	2	0.6	5	1.5	13	3.9	9	2.7	9	2.5	2.2
Linn	44	4.9	50	5.5	45	4.9	21	2.3	33	3.4	4.2
Logan	9	2.9	10	3.3	14	4.7	6	2.0	4	1.3	2.8

Table 55
Marriage Dissolutions by Number And Rate*
By County of Action And By Peer Group**
Kansas, 1996-2000

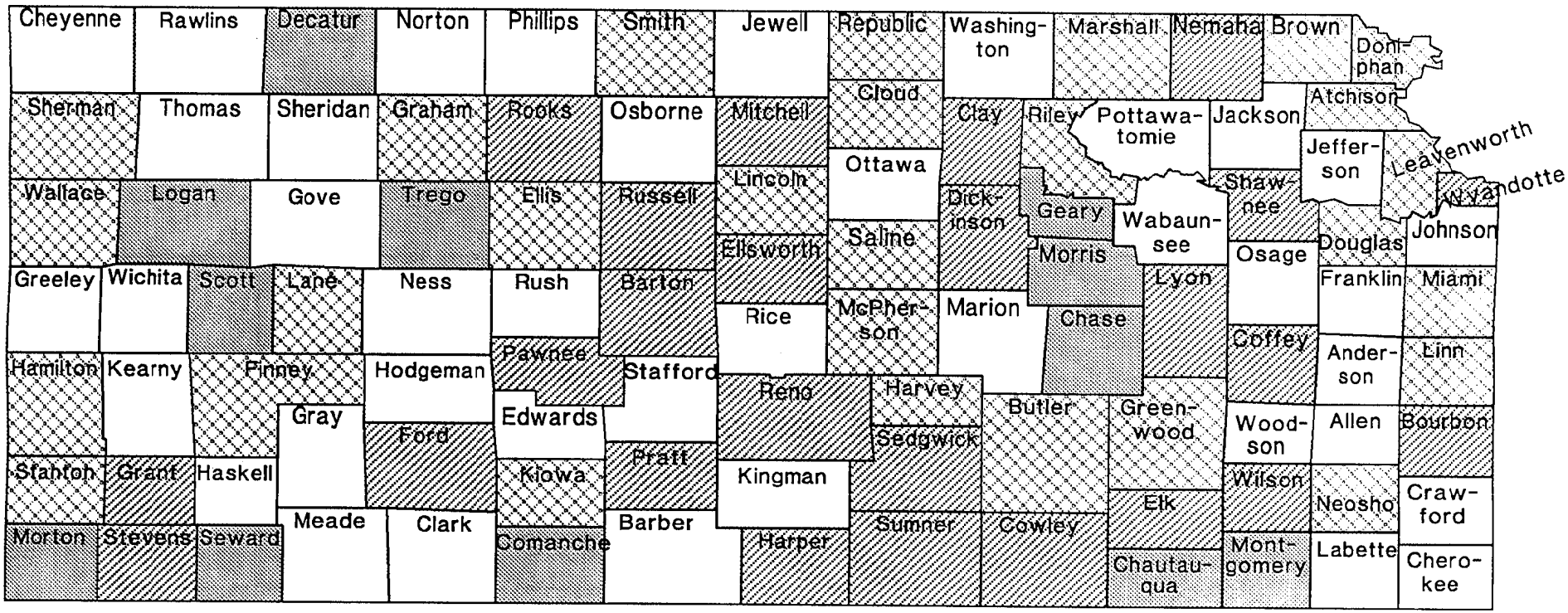
County of Action	Year										5-Year Rate
	1996		1997		1998		1999		2000		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Lyon	64	1.9	79	2.3	41	1.2	51	1.5	38	1.1	1.6
Marion	34	2.6	51	3.9	47	3.5	39	2.9	39	2.9	3.2
Marshall	37	3.3	33	3.0	28	2.5	26	2.4	36	3.3	2.9
McPherson	94	3.4	80	2.9	71	2.5	76	2.6	95	3.2	2.9
Meade	20	4.5	16	3.6	12	2.7	8	1.8	10	2.2	3.0
Miami	69	2.7	77	2.9	74	2.8	55	2.0	55	1.9	2.5
Mitchell	26	3.7	32	4.6	16	2.3	25	3.6	28	4.0	3.6
Montgomery	187	5.0	192	5.2	183	4.9	177	4.8	156	4.3	4.8
Morris	16	2.5	22	3.6	21	3.4	27	4.4	20	3.3	3.4
Morton	14	4.2	17	5.0	8	2.3	16	4.6	13	3.7	4.0
Nemaha	23	2.2	27	2.6	33	3.3	23	2.3	26	2.4	2.6
Neosho	61	3.6	52	3.1	70	4.2	69	4.1	63	3.7	3.7
Ness	14	3.8	12	3.3	16	4.4	9	2.5	11	3.2	3.4
Norton	38	6.6	43	7.4	32	5.6	22	3.9	32	5.4	5.8
Osage	39	2.3	59	3.5	57	3.3	76	4.4	87	5.2	3.7
Osborne	18	3.9	14	3.1	22	4.7	19	4.1	11	2.5	3.7
Ottawa	30	5.2	15	2.6	19	3.2	22	3.7	16	2.6	3.5
Pawnee	20	2.7	25	3.5	30	4.0	26	3.6	44	6.1	4.0
Phillips	27	4.4	31	5.1	20	3.3	26	4.4	32	5.3	4.5
Pottawatomie	50	2.8	72	4.0	57	3.0	53	2.8	51	2.8	3.1
Pratt	51	5.2	44	4.5	42	4.3	43	4.5	37	3.8	4.5
Rawlins	5	1.5	13	4.0	4	1.3	8	2.7	3	1.0	2.1
Reno	363	5.8	432	6.9	457	7.2	411	6.5	387	6.0	6.5
Republic	16	2.6	26	4.2	15	2.5	12	2.0	26	4.5	3.2
Rice	27	2.7	26	2.6	31	3.0	32	3.1	29	2.7	2.8
Riley	252	3.9	238	3.8	199	3.1	184	2.9	175	2.8	3.3
Rooks	21	3.6	13	2.3	14	2.5	17	3.0	11	1.9	2.7
Rush	11	3.1	9	2.6	7	2.1	9	2.7	15	4.2	2.9
Russell	28	3.7	21	2.8	22	2.9	24	3.2	29	3.9	3.3
Saline	332	6.4	301	5.8	312	6.0	288	5.6	333	6.2	6.0
Scott	22	4.4	29	5.8	23	4.6	11	2.2	17	3.3	4.1
Sedgwick	2,874	6.8	2,850	6.5	2,906	6.5	2,770	6.1	2,877	6.4	6.5
Seward	66	3.3	84	4.2	98	4.9	98	4.9	112	5.0	4.5
Shawnee	755	4.6	727	4.4	750	4.5	689	4.0	713	4.2	4.3
Sheridan	7	2.5	11	4.0	5	1.8	11	4.1	8	2.8	3.0
Sherman	34	5.0	41	6.2	37	5.7	39	6.0	34	5.0	5.6
Smith	17	3.6	12	2.6	13	2.8	10	2.2	12	2.6	2.8
Stafford	13	2.5	17	3.3	21	4.2	16	3.2	11	2.3	3.1
Stanton	9	3.9	9	3.9	5	2.2	8	3.6	11	4.6	3.6
Stevens	21	3.9	29	5.4	29	5.4	34	6.3	32	5.9	5.4
Sumner	85	3.2	95	3.5	76	2.8	84	3.1	96	3.7	3.3
Thomas	25	3.0	36	4.4	31	3.9	33	4.1	32	3.9	3.9
Trego	8	2.3	6	1.8	11	3.4	13	4.0	20	6.0	3.5
Wabaunsee	16	2.4	14	2.1	16	2.4	16	2.4	17	2.5	2.4
Wallace	3	1.7	4	2.2	6	3.3	4	2.2	1	0.6	2.0
Washington	14	2.1	16	2.4	13	2.0	16	2.5	10	1.5	2.1
Wichita	3	1.1	2	0.7	7	2.6	7	2.7	7	2.8	2.0
Wilson	61	5.9	66	6.4	48	4.7	61	5.9	67	6.5	5.9
Woodson	11	2.8	13	3.3	14	3.5	13	3.3	11	2.9	3.2
Wyandotte	565	3.7	340	2.2	526	3.5	405	2.7	405	2.6	2.9
Peer Group											
Frontier	307	3.1	292	2.9	297	3.0	292	3.0	307	3.1	3.0
Rural	1,169	4.0	1,272	4.4	1,172	4.1	1,144	4.0	1,240	4.3	4.2
Densely -Settled Rural	1,517	3.6	1,636	3.9	1,604	3.8	1,614	3.8	1,654	3.8	3.8
Semi-Urban	2,376	4.5	2,448	4.7	2,226	4.2	2,161	4.1	2,096	3.9	4.3
Urban	5,410	4.4	4,970	3.9	5,064	3.9	4,715	3.6	4,808	3.6	3.9

* Rate per 1,000 population

** See Technical Notes for Peer Group definition.

Occurrence data

Marriage Rates
By County Of Occurrence
Kansas, 2000



Marriages Per 1,000 Population

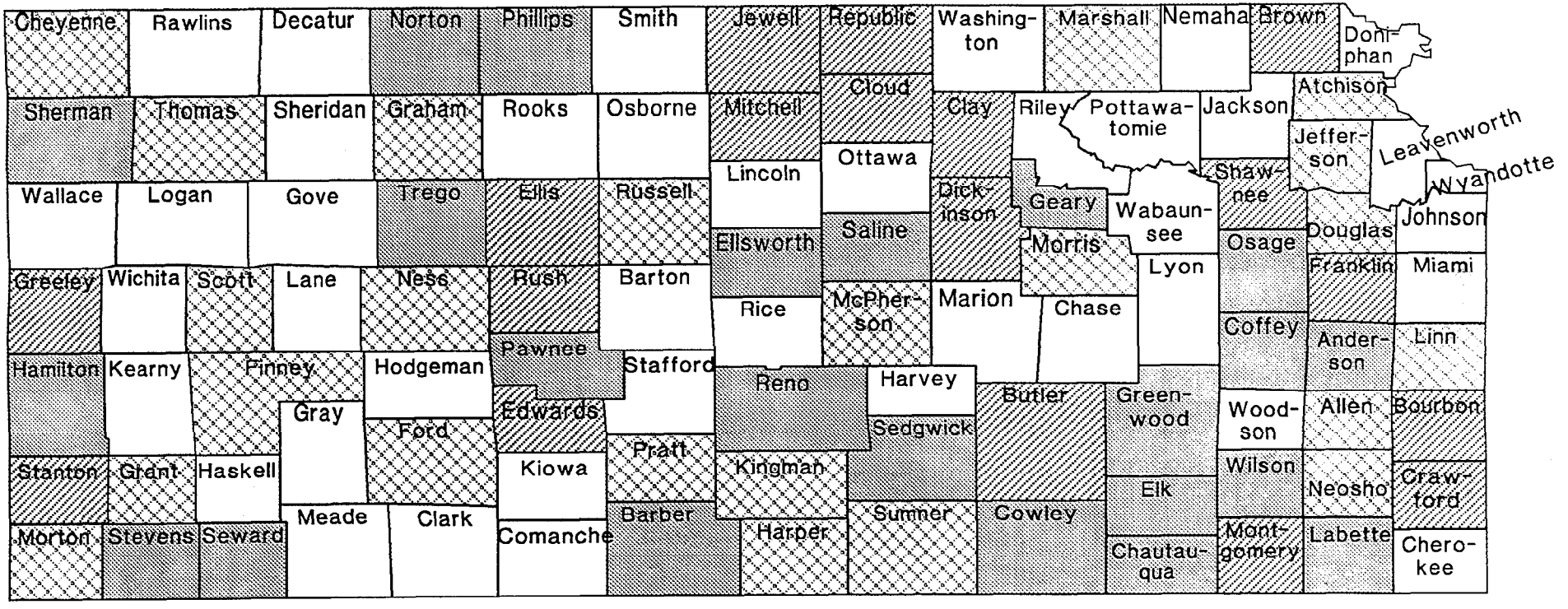
State Rate: 7.6

Legend
Under 7.0
7.0 to 7.9
8.0 to 8.9
9.0 and over

Figure 37

Marriage Dissolution Rates By County Of Occurrence

Kansas, 2000



Marriage Dissolutions Per 1,000 Population

State Rate: 3.8

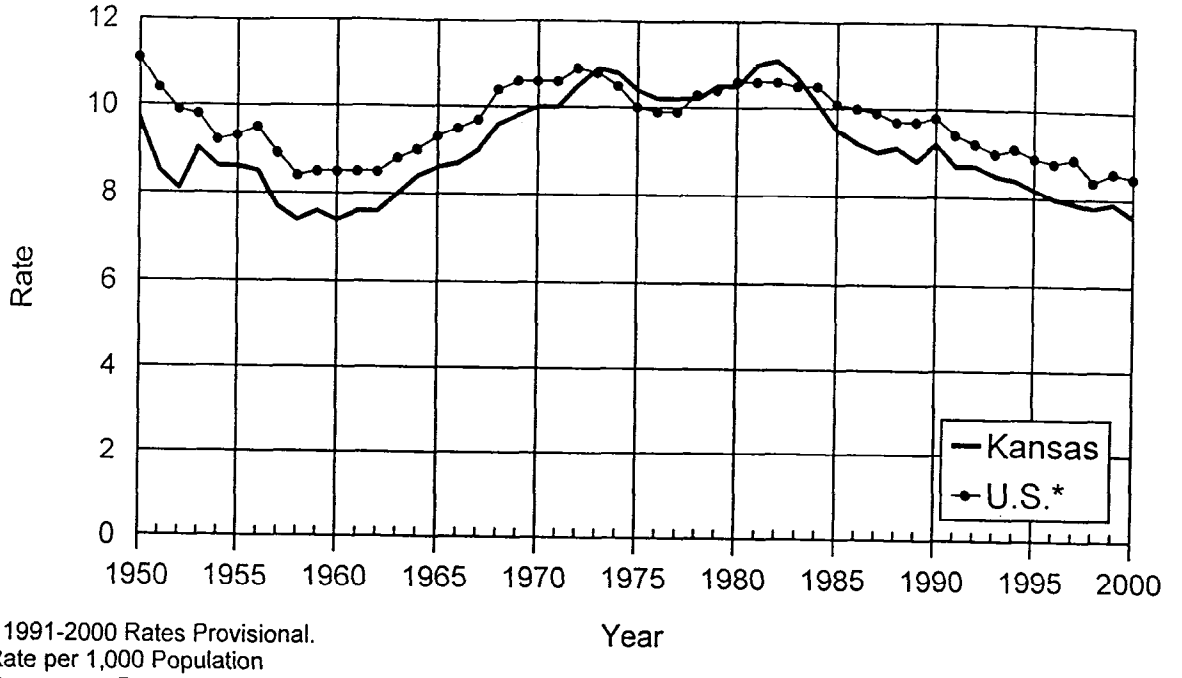
Legend

- Under 3.0
- 3.0 to 3.9
- 4.0 to 4.9
- 5.0 to 15.8

Figure 38

Marriage Rates

Kansas and the U.S., 1950-2000

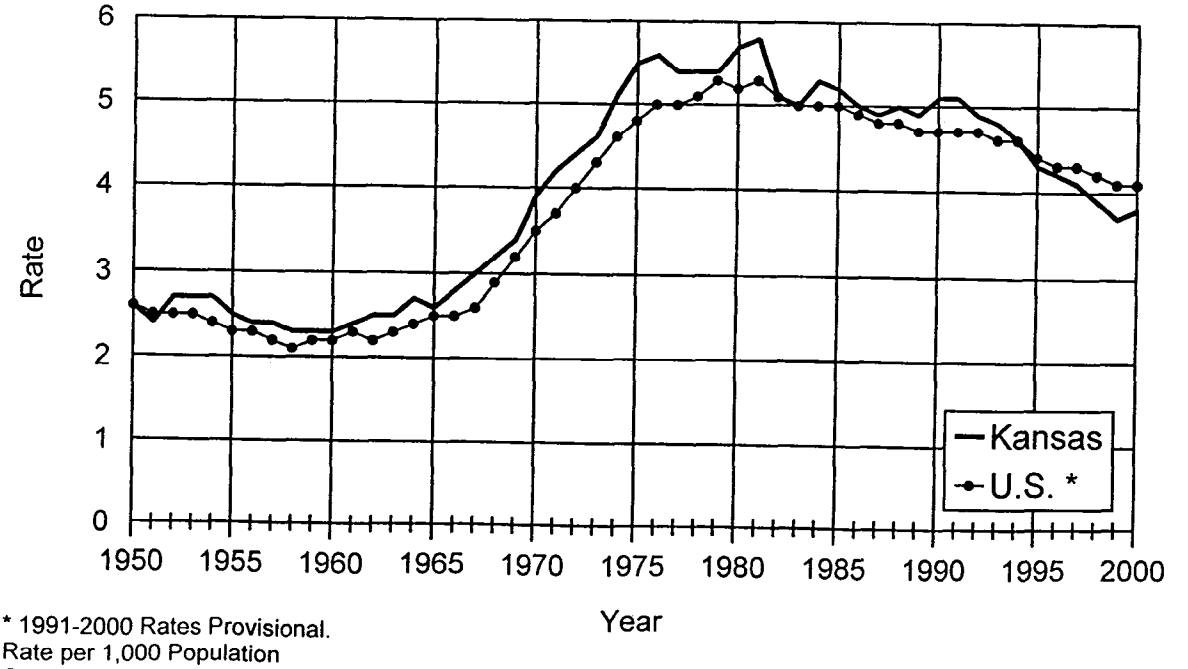


* 1991-2000 Rates Provisional.
Rate per 1,000 Population
Occurrence Data

Figure 39

Marriage Dissolution Rates

Kansas and the U.S., 1950-2000



* 1991-2000 Rates Provisional.
Rate per 1,000 Population
Occurrence Data

Figure 40

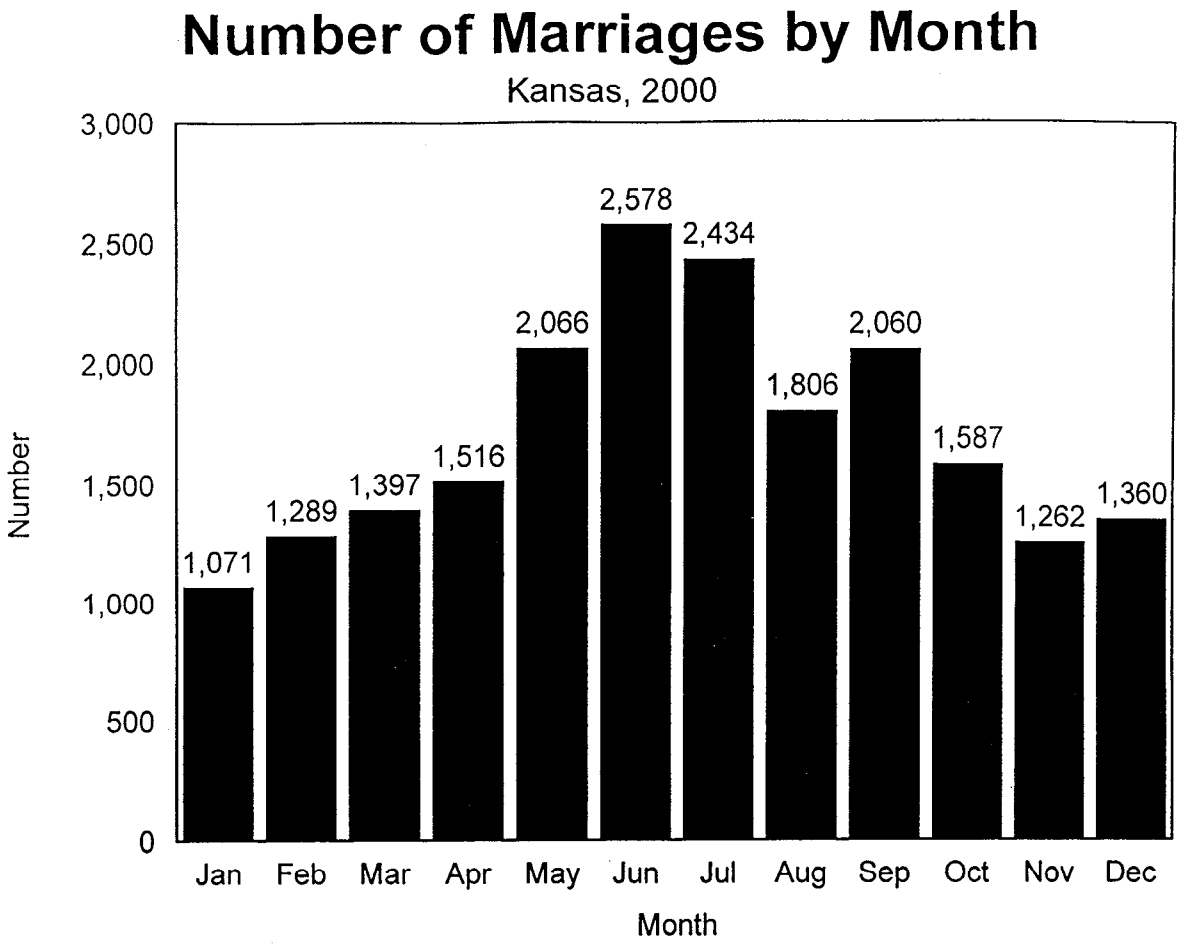


Figure 41

Occurrence Data

Table 56
Marriages By Premarital Status Of Bride
By Premarital Status Of Groom
Kansas, 2000

Premarital Status of Groom	Total	Premarital Status of Bride				
		Never Married	Divorced	Annulled	Widowed	Not Stated
Total	20,426	12,299	7,258	152	618	99
Never Married	12,699	10,363	2,160	66	77	33
Divorced	6,925	1,812	4,758	66	267	22
Annulled	147	59	69	14	5	-
Widowed	579	51	255	4	269	-
Not Stated	76	14	16	2	-	44

Occurrence data

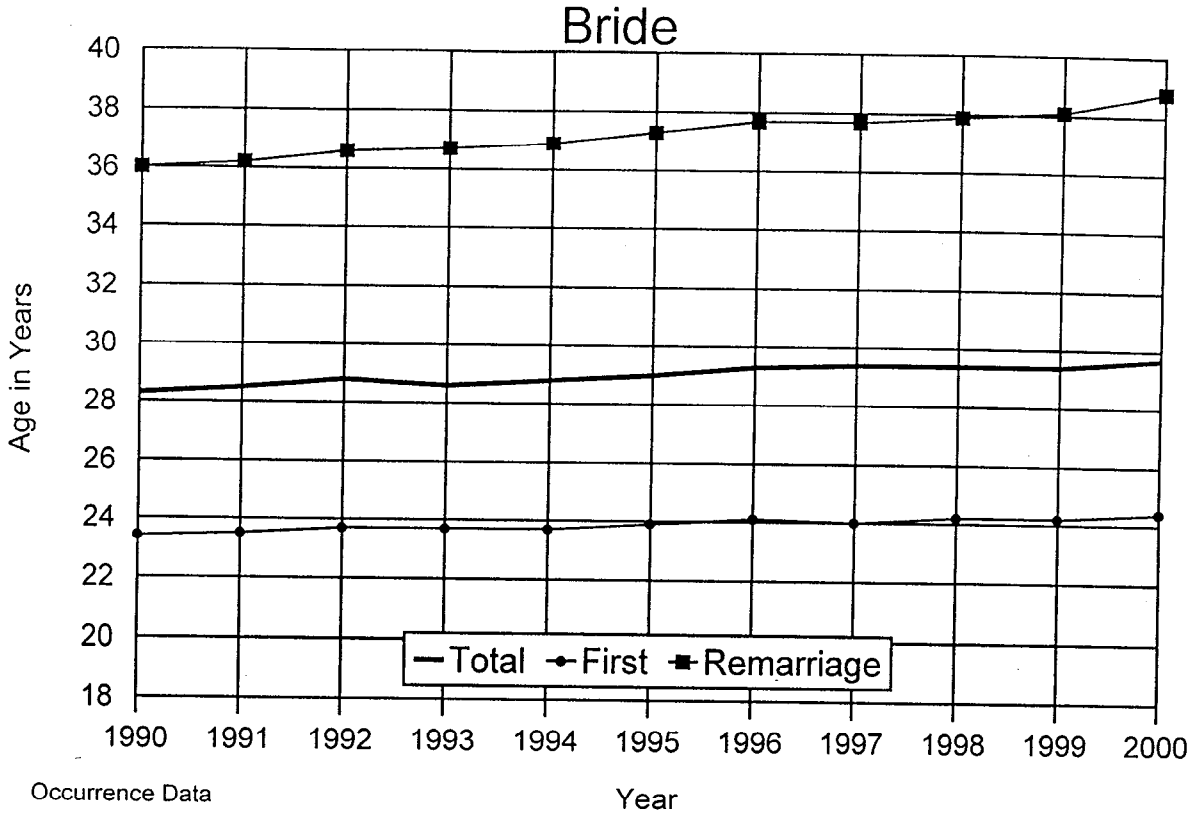
Table 57
Marriages By Age-Group Of Bride By Age-Group Of Groom
Kansas, 2000

Age-Group of Groom	Total	Age-Group of Bride														
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 & Over	Not Stated
Total	20,426	2	2,089	6,613	3,998	2,309	1,834	1,359	1,002	492	298	160	102	83	76	9
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19	759	1	516	210	24	6	1	1	-	-	-	-	-	-	-	-
20-24	5,763	1	1276	3700	608	112	51	11	2	-	-	-	-	-	-	2
25-29	4,766	-	226	2035	1837	459	151	39	14	3	-	-	-	-	-	2
30-34	2,668	-	51	468	938	773	291	100	37	7	2	-	-	-	-	1
35-39	2,057	-	14	126	399	532	573	285	103	22	2	-	1	-	-	-
40-44	1,528	-	4	45	129	258	428	402	197	48	14	3	-	-	-	-
45-49	1,040	-	2	19	40	106	207	284	271	83	22	4	2	-	-	-
50-54	779	-	-	7	14	46	92	156	232	164	58	9	-	-	-	1
55-59	417	-	-	1	4	10	30	54	94	104	88	23	4	3	1	1
60-64	212	-	-	-	2	5	5	19	30	35	58	41	8	5	4	-
65-69	167	-	-	-	-	-	2	4	9	19	35	46	44	5	3	-
70-74	124	-	-	-	-	-	3	2	6	4	11	24	24	36	14	-
75 & Over	135	-	-	-	-	-	-	1	7	3	7	10	19	34	54	-
Not Stated	11	-	-	2	3	2	-	1	-	-	1	-	-	-	-	2

Occurrence data

Average Age at Marriage

Kansas, 1990 - 2000



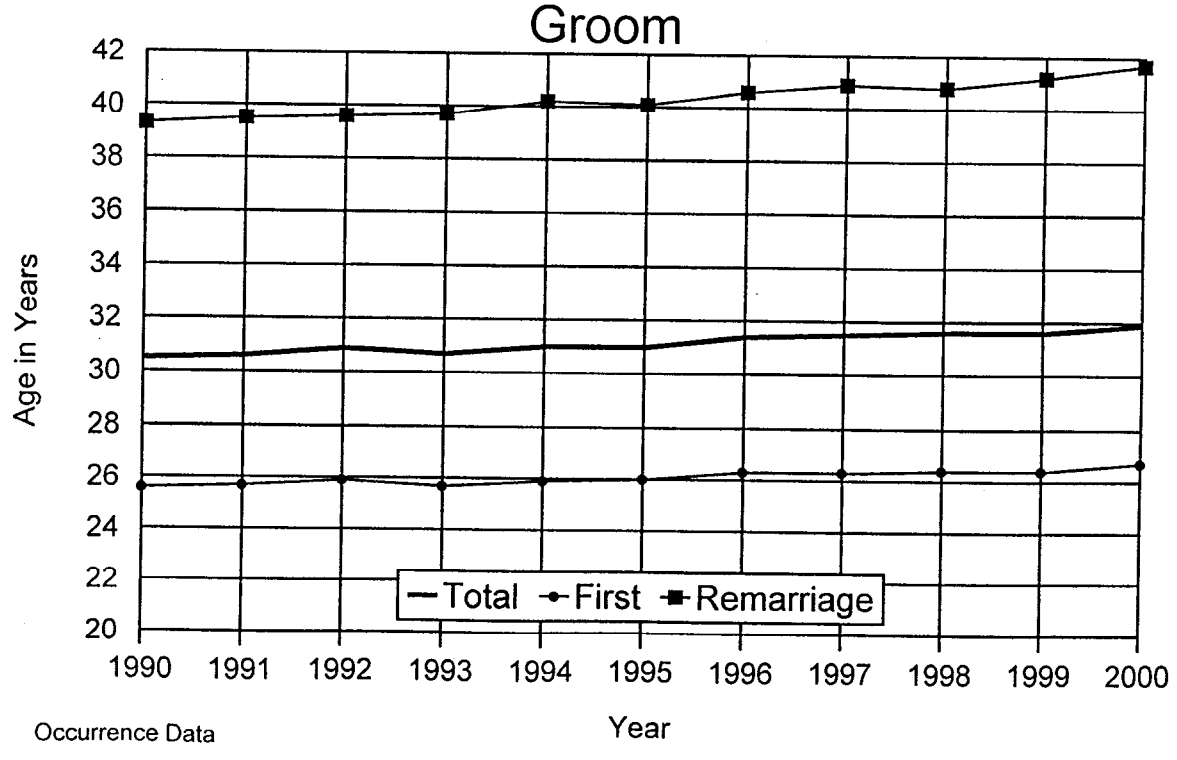


Figure 42

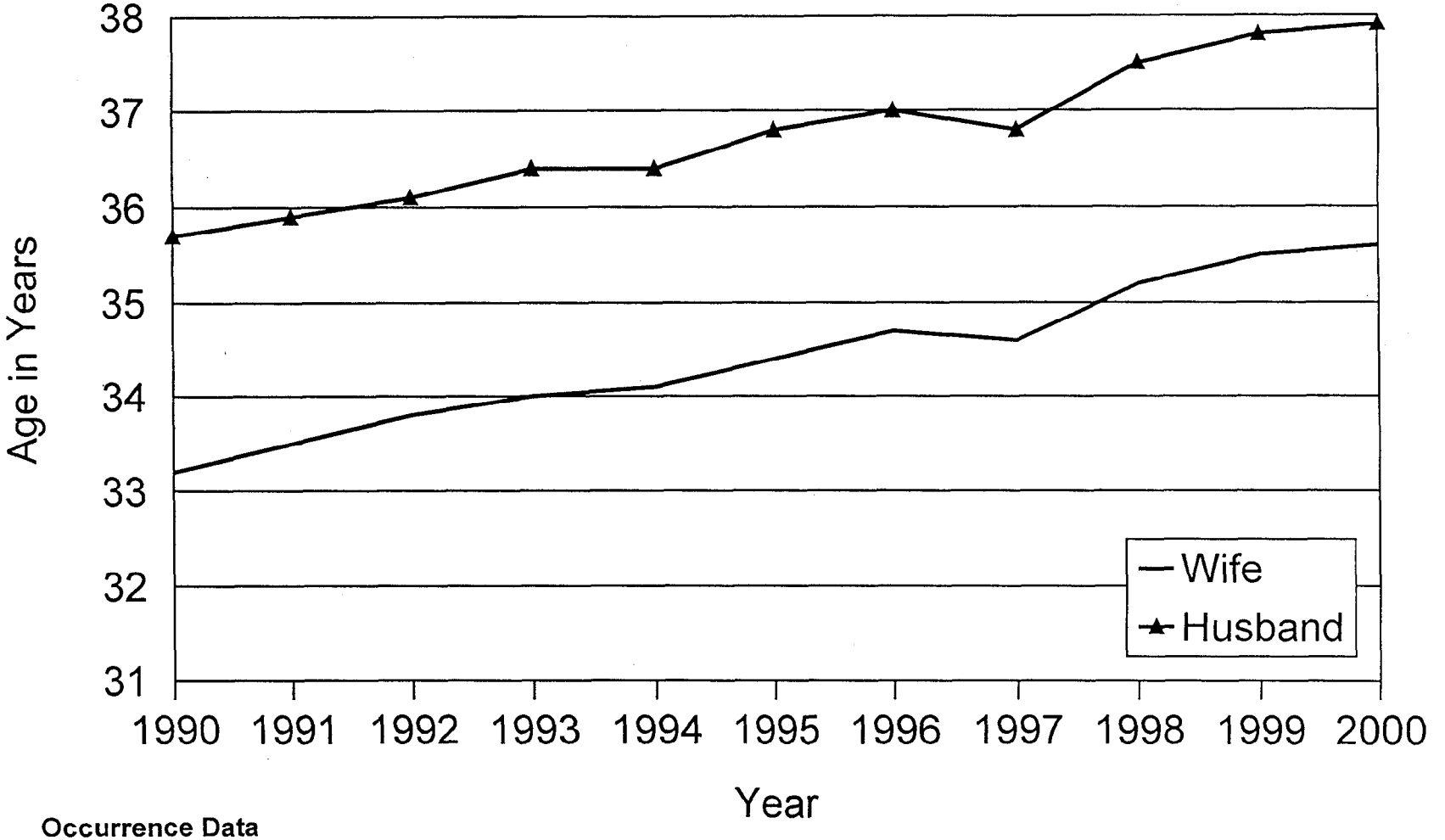
Table 58
Marriage Dissolutions by Age-Group of Wife by Age-Group of Husband
Kansas, 2000

Age-Group of Husband	Total	Age-Group of Wife														
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 & Over	Not Stated
Total	10,105	1	117	1,320	1,779	1,620	1,621	1,474	916	463	217	118	49	26	25	359
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19	33	-	13	17	1	-	-	-	1	-	-	-	-	-	-	1
20-24	828	-	79	606	107	18	3	2	-	-	-	-	-	-	-	13
25-29	1,607	-	18	459	818	197	39	19	9	4	-	-	-	-	-	44
30-34	1,684	-	3	147	560	659	177	71	19	7	1	-	-	-	-	40
35-39	1,699	1	1	50	170	508	629	220	67	10	3	2	-	-	-	38
40-44	1,539	-	1	12	70	147	509	556	150	40	8	4	-	-	-	42
45-49	1,082	-	-	1	13	48	157	392	342	79	17	4	1	2	-	26
50-54	664	-	-	1	7	15	55	132	205	184	36	7	2	1	-	19
55-59	332	-	-	-	3	3	22	35	73	81	80	23	1	1	-	10
60-64	160	-	-	1	-	-	6	14	18	29	41	32	8	1	1	9
65-69	104	-	-	-	1	1	-	4	10	6	21	28	23	4	-	6
70-74	53	-	-	-	-	-	-	3	4	7	5	9	11	9	3	2
75 & Over	47	-	-	-	1	-	-	1	2	2	2	6	1	7	21	4
Not Stated	273	-	2	26	28	24	24	25	16	14	3	3	2	1	-	105

Occurrence data

Average Age at Marriage Dissolution

Kansas, 1990-2000



Occurrence Data

Figure 43

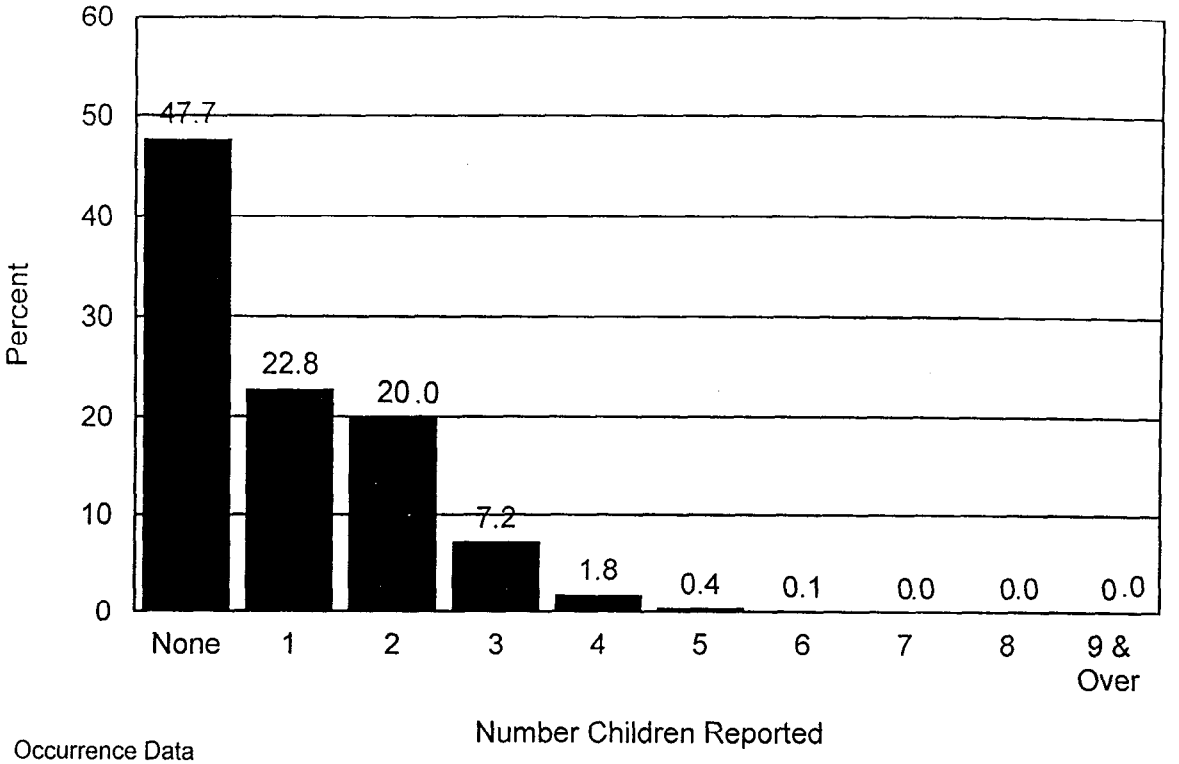
Table 59
Marriage Dissolutions
By Duration of Marriage in Years
Kansas, 2000

Duration of Marriage	Total	Divorces	Annulments
Total	10,105	9,808	297
Under 1	803	628	175
1	892	830	62
2	876	862	14
3	854	840	14
4	764	752	12
5	667	661	6
6	555	552	3
7	497	495	2
8	404	403	1
9	372	371	1
10	351	350	1
11	281	281	-
12	266	266	-
13	258	255	3
14	195	194	1
15	203	203	-
16	185	185	-
17	170	170	-
18	196	195	1
19	163	162	1
20-24	590	590	-
25-29	304	304	-
30-34	157	157	-
35-39	51	51	-
40 & Over	51	51	-
Not Stated	-	-	-

Occurrence data

Marriage Dissolutions:

Percent Distribution by Number of Minor Children
Kansas, 2000



Occurrence Data

Figure 44

Table 60
Marriage Dissolutions by Number of Minor Children Reported
and Number of Minor Children Affected
Kansas, 2000

Number of Minor Children Reported	Divorces		Annulments		Total Children Affected
	Number	Percent	Number	Percent	Number*
Total	9,808	100.0	297	100.0	9,550
None	4,539	46.3	280	94.3	-
1	2,286	23.3	13	4.4	2,299
2	2,018	20.6	1	0.3	4,038
3	728	7.4	2	0.7	2,190
4 or More	234	2.4	1	0.3	1,023
Not Stated	3	-	-	-	-

*Represents the number of children involved in marriages ending in divorce or annulment.
Occurrence data

Technical Notes

Registration. The reporting of Kansas vital events to the Kansas Department of Health and Environment is mandated by law (K.S.A. 65-102). The filing of birth and death records was begun in 1911 and the registration of marriages and divorces was initiated in 1913 and 1951 respectively. Certificates of births, deaths, fetal deaths, marriages, marriage dissolutions, and reports of abortions are completed by the combined efforts of physicians, hospital personnel, funeral directors, and local courts. All certificates and reports are filed with the Office of Vital Statistics by direct reporting. Since registration of vital events began, over ten million records have been processed, filed and indexed.

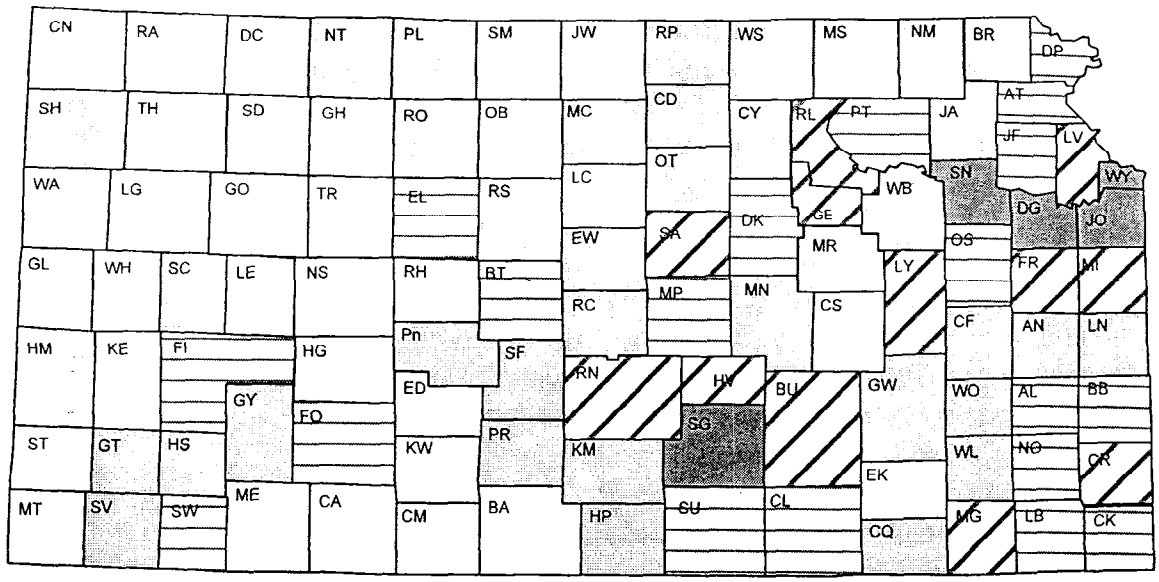
Quality of Data. The quality of the analyses in the Annual Summary of Vital Statistics depends on the accuracy of the Kansas vital statistics data. The Office of Vital Statistics makes every effort to ensure the completeness and accuracy of the certificates filed. An interchange agreement with all 50 states and Canada ensures that vital events occurring to Kansas residents in other states or Canada are recorded. Tabulation of vital events for 2000 in-state occurrences is maintained through March 15, 2001, while out-of-state occurrences are maintained through May 1, 2001. Reports filed later consist of less than one percent of the total reports filed, are considered negligible, and are omitted from this report.

Residence vs Occurrence Data. Residence data is information compiled according to the usual residence regardless of where the event occurred (including events occurring out-of-state). Occurrence data is information compiled according to the geographical location where the event took place, regardless of the actual residence. Information compiled for births, fetal deaths, deaths and abortions in this report are residence data, while marriages and marriage dissolutions are occurrence data.

Peer Groups. For various demographic studies, it is useful to consider groups of counties with similar characteristics. "Peer Groups" of counties, as used in this summary, are defined as those with similar population density. They will not necessarily have similar values for any other indicators. Frontier counties are defined as those with less than 6.0 persons per square mile, Rural counties as those with 6.0 - 19.9 persons per square mile, Densely-Settled Rural counties as those with 20.0 - 39.9 persons per square mile, Semi-Urban counties as those with 40.0 - 149.9 persons per square mile, and Urban counties as those with 150.0 or more persons per square mile. These definitions originated with the Kansas Department of Health and Environment, Office of Local and Rural Health, and should *not* be confused with the U.S. Census Bureau's definitions of urban and rural areas. Sources for calculation of population densities are population figures from the 2000 U.S. Census and land areas from the 2000 U.S. Census.

TECHNICAL NOTES (Cont.)

Kansas Counties by Population Density Peer Group



Frontier: Less than 6.0 persons per square mile

Rural: 6.0 - 19.9 persons per square mile

Densely-Settled Rural: 20.0 - 39.9 persons per square mile

Semi-Urban: 40.0 - 149.9 persons per square mile

Urban: 150.0 or more persons per square mile

Population. County population counts for 1995-1999 were obtained on the Internet at: http://www.census.gov/population/www/estimates/countypop.html.

City population estimates for 1995-1999 were derived as in the following example for 1999:

$$\text{1999 City Population} = \frac{\textbf{City Population, 1998}}{\textbf{County Population, 1998}} \times \text{1999 County Population}$$

Actual population counts were used for 2000.

Population counts by age-group and sex for 1990 were obtained from the Census of Population, U.S.C.B. Population estimates for 1991-1992 were obtained from the U.S. Bureau of the Census, Press Release CB92-93 and CB92-276, respectively. Population estimates for 1993-1996 were obtained from the Census and You, Vol. 29, No. 4, April 1994, Vol. 30, No. 4, April 1995, Vol. 31, No. 3, March, 1996 and Vol. 32, No. 7, July, 1997 U.S.C.B., respectively. Population estimates for 1997-1999 were obtained on the internet at: http://www.census.gov/population/www/estimates/statepop.html. Population counts for 2000 were obtained on the internet at http://factfinder.census.gov/servlet/

Due to rounding and variation in estimation methods within the U.S. Census Bureau, some discrepancies may be found in population data. (Tables 2 and 4) Usually differences are negligible and rarely result in discrepancies in the totals. We advise you to utilize state totals from the county population totals when a total population estimate is needed.

Female Population 10-19. Estimates of the Kansas female population for 1991-1999 were obtained from the U.S. Bureau of the Census, and actual population counts were used for 1990 and 2000.

The 1998 county estimates for females 10-17 and 10-19 were compiled by the U.S. Census Bureau as of 7/1/97. These estimates were then adjusted to the 1998 Census total for the state. The 1999 estimates were compiled by the U.S. Census Bureau as of 7/1/99.

Deaths. Underlying causes of death in the 2000 Annual Summary of Vital Statistics are established through a system known as the International Classification of Diseases, 10th Revision (ICD-10). This system promotes uniformity and comparability in the collection and presentation of mortality or death data. Prior to 1999, Kansas used ICD-9 to report mortality statistics. Periodically the classification system needs to be updated to address new diseases and reflect a better understanding of causes of death. The World Health Organization maintains ICD-10 and the National Center for Health Statistics (NCHS), which compiles national statistics, modifies ICD-10 for use by Kansas and other states.

One of the challenges in the conversion to a new classification system is comparability with statistics compiled under the old system. Because so much has changed, exact comparison is not possible. Not only have the number of causes of death doubled to over 8,000, but the rules of how a death is coded have changed. Greater knowledge of diseases like Alzheimer's and diabetes has resulted in coding rules changes that will increase the number of cases reported. The rules changes may also lower the number of deaths classified as pneumonia and influenza. Death data from 1999 forward are classified by ICD-10, and trends in mortality will be comparable.

Age-Adjusted Death Rates. Mortality rates, the number of deaths per 100,000 population, are a common way to report death statistics so that comparisons can be made from year to year or among geographic areas. Crude death rates compensate for the differences in population within the areas or time periods studied. Crude death rates, however, do not compensate for the different make up of compared populations. For example, some Kansas counties may have more older residents than other counties. To address this, statisticians prepare age-adjusted death rates. The direct method for calculating age-adjusted death rates was used in this report. Age-adjusting is a process by which the age composition of a population is defined as constant so that differences in age composition can be eliminated from the analysis. This is needed because older populations have higher death rates, merely because death rates increase with age. Age-adjusted rates allow for more meaningful comparison of the risk of mortality over time and among groups.

For decades Kansas and many other states have used the 1940 standard population for age-adjusting. Other states have used a 1970 or 1980 population standard. Moving to a 2000 population standard, as recommended by NCHS, will eliminate confusion and

misunderstanding created by the use of various population standards. Age- adjusted rates calculated using the 1940 population standard can't be compared to rates created using the 2000 standard. Since the benefit from age-adjusting rates comes only from using the same population standard, comparison between different standards would produce misleading results. Kansas began using the 2000 population standard in the 1999 Annual Summary of Vital Statistics. As part of its implementation of the new age-adjusting population standard, the Center for Health and Environmental Statistics (CHES) produced the report *Age Standardization of Kansas Death Rates: Implications of the Year 2000 Standard.* Copies can be obtained at the CHES Web site http://www.kdhe.state.ks.us/ches/.

Years of Potential Life Lost (YPLL). The YPLL, for this report, is a measurement of the number of years of potential life lost by each death occurring before the average life expectancy. This calculation provides more information on the societal impact of mortality. Years of life lost counts deaths at a younger age more heavily than those at older ages (e.g., the younger person has a greater potential for years left than an elderly person). YPLL were calculated by subtracting mid-point years of the 5-year age-groups from life expectancies for all Kansans and male and female Kansans as compiled by the Kansas Division of the Budget-State Demographer. The subtraction leaves a remainder - the years of potential life lost, which is then multiplied by the number of deaths in that particular age-group and subsequently all calculations for the five-year age-groups beginning with 0-4 and through over 85 are summed to provide the total years of life lost. In making the calculations, the age-groups with mid-points larger than the life expectancy were set to zero because they would not contribute years of life lost (e.g., they are over the life expectancy). For this report, the life expectancy for all Kansans is 77.11 years, males 73.61 and females 80.51 years.

Rate Reliability. Vital statistics are easily influenced by random variation and single-year rates can fluctuate from year to year. A multiple-year rate such as a five- or ten- year average of single-year rates would be more accurate in formulating conclusions on vital events. For example, between 1996 and 2000 the infant death rate for Kansas ranged from 6.7 to 8.2, while the 1996-2000 five-year infant death rate for Kansas was 7.3 infant deaths per 1,000 live births. A five or ten-year rate smooths some of the variation in single-year rates and would be a more reliable indicator of infant death rates in Kansas.

Rates based on a small or large number of events in a sparsely populated area can vary widely. To exemplify the variation that may occur with a small change in the number of events, in 2000 Greeley county was the least populated county in Kansas with 1,534 residents and Sedgwick county was the largest with 452,869 residents. With 19 deaths occurring in Greeley county in 2000, the crude death rate was 12.4 deaths per 1,000 population; whereas 3,626 deaths occurring in Sedgwick county resulted in a crude death rate of 8.0 deaths per 1,000 population. If five more deaths occurred in each county (e.g., multiple- death accident), Greeley county's crude death rate would have increased to 15.6, while Sedgwick county's rate would have increased by only a few hundredths and, with rounding, still remain 8.0 deaths per 1,000 population. Therefore, one must use caution when comparing rates of vital events between counties of extreme population size differences to avoid misleading conclusions.

TECHNICAL NOTES (Cont.)

Limitations of Pregnancy Outcome Data. Prior to 1994, all births occurring at Irwin Army Hospital to Ft. Riley residents were recorded for Geary county even when Riley was the county of residence. Beginning in 1994, these births are recorded to the appropriate county of residence.

From July,1970 through June,1995, only hospitals in Kansas were required by K.S.A. 65-445 to keep and submit to the Secretary of the Department of Health and Environment written records of all pregnancies terminated in the hospital. During this reporting period, nonhospital providers reported terminations only on a voluntary basis. Although Kansas had a comprehensive coverage of providers, there could have been a small number of abortions not reported. This means that the data may have been, to a certain degree, underreported. However, effective July 1, 1995, the Kansas legislature amended K.S.A. 65-445 in Senate Bill 384 to broaden the record-keeping and reporting requirement to include every medical care facility and every person licensed to practice medicine and surgery.

Criteria for the Adequacy of Prenatal Care Utilization (APNCU) Index

I. Month prenatal care began (Adequacy of Initiation of Prenatal Care)
- Adequate Plus: 1st or 2nd month
- Adequate: 3rd or 4th month
- Intermediate: 5th or 6th month
- Inadequate: 7th month or later, or no prenatal care

II. Proportion of the number of visits recommended by the American College of Obstetricians and Gynecologists (ACOG) received from the time prenatal care began until delivery (Adequacy of Received Services)
- Adequate Plus: 110% or more
- Adequate: 80% - 109%
- Intermediate: 50% - 79%
- Inadequate: less than 50%

III. Summary Adequacy of Prenatal Care Utilization Index
- Adequate Plus: Prenatal care begun by the 4th month and 110% or more of recommended visits received
- Adequate: Prenatal care begun by the 4th month and 80% - 109% of recommended visits received
- Intermediate: Prenatal care begun by the 4th month and 50% - 79% of recommended visits received
- Inadequate: Prenatal care begun after the 4th month or less than 50% of recommended visits received

The bibliographic reference relating to this index is: Kotelchuck, Milton. "An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index.", American Journal of Public Health, 1994; 84(9): 1414-1420.

TECHNICAL NOTES (Cont.)

Handling of Unknowns. Items for which no response was provided are shown as "not stated" (N.S.) in the tables and graphs throughout this publication. To ensure the accuracy of the data, the "not stated" have been removed from totals when calculating percentages.

DEFINITIONS

The following terms, formulas and symbols are defined for more meaningful interpretations of the data contained in this report.

Abortion (induced termination of pregnancy):	The purposeful interruption of pregnancy with the intention other than to produce a live-born infant or to remove a dead fetus and which does not result in a live birth.
Adequacy of Prenatal Care Utilization (APNCU) Index:	An assessment of the adequacy of prenatal care measured by the APNCU Index (often referred to as the Kotelchuck Index), a composite measure based on gestational age of the newborn, the trimester prenatal care began, and the number of prenatal visits made.
Annulment:	The invalidation of a marriage contract.
Birth Weight:	The weight of the fetus or infant at the time of delivery.
Cause of Death:	The underlying cause of death, or that condition giving rise to the chain of events leading to death.
Congenital Anomalies:	Defects existing at and usually before birth regardless of causation.
Divorce:	The dissolution of a legally binding marriage contract.
Fetal Death:	Any complete expulsion or extraction from its mother of a product of human conception, the weight of which is in excess of 350 grams, irrespective of the duration of pregnancy, resulting in other than a live birth, and which is not an induced termination of pregnancy.
Hebdomadal Death:	The death of a live-born infant which occurs prior to the seventh day of life.
I.C.D. Code:	The cause-identifying number classified in the Tenth Revision of the International Classification of Diseases implemented by NCHS for deaths in 1999.
Infant Death:	The death of a live-born infant which occurs within the first year of life.

DEFINITIONS (Cont.)

Live Birth:	The complete expulsion or extraction of a product of human conception from its mother, irrespective of the duration of pregnancy, that, after such expulsion or extraction, shows any evidence of life such as breathing, heartbeat, pulsation of the umbilical cord, or voluntary muscle movement, whether or not the umbilical cord has been cut or the placenta attached.
Low Birth Weight:	Weight of a fetus or infant at delivery which is under 2,500 grams (less than five pounds, 8 ounces).
Marriage:	The legal union of a male and female.
Marriage Dissolution:	A marriage dissolved by either a divorce or an annulment.
Maternal Death:	The death of a mother caused by complications of pregnancy, childbirth and the puerperium.
Medical Procedure I:	Refers to use of the drug mifepristone as a pregnancy termination procedure.
Medical Procedure II:	Refers to use of the drug methotrexate as a pregnancy termination procedure.
Natural Increase:	Live births minus total deaths of a population within a given year.
Neonatal Death:	The death of a live-born infant which occurs prior to the twenty-eighth day of life.
Occurrence Data:	Vital statistics compiled on the basis of where the vital event happened.
Out-of-Wedlock Birth:	A birth occurring to a mother who is not married at the time of conception or at the time of birth or at any time between conception and birth.
Peer Group:	A group of counties with similar population densities in persons per square mile, as adopted by the Kansas Department of Health and Environment, Office of Local and Rural Health.
Perinatal Period III Death:	The aggregate total of fetal deaths (fetus weighs over 350 grams) and hebdomadal deaths (deaths that occur prior to the 7th day of life).
Population Density:	The average number of inhabitants per square mile.
Prenatal Care:	Pregnancy-related health care services provided to a woman between conception and delivery.

DEFINITIONS (Cont.)

Previous Pregnancy:	Includes all previous reported spontaneous terminations, previous induced abortions, children born still living and children born now dead.
Puerperium:	Period of time after delivery, usually six to eight weeks, during which all maternal reproductive organs return to the normal pre-pregnancy condition.
Residence Data:	Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred.
Teenage Pregnancy:	A live birth, fetal death or abortion occurring to a female under 20 years of age.
Trimester:	A three-month period of time. First trimester care, for example, refers to care initiated in the first three months of pregnancy.
Very Low Birth Weight:	Weight of a fetus or infant at delivery which is under 1,500 grams (less than 3 pounds, 5 ounces).
Weeks Gestation:	The number of weeks between the last reported normal menses and the delivery of the fetus or infant.

RATES AND RATIOS

Abortion Ratio:	$\frac{\text{induced abortions}}{\text{live births}}$	x 1,000
Age-Adjusted Death Rate:	$\frac{\sum M_a \quad P_a}{P}$	x 1,000 or 100,000

Where M_a = age-specific death rate per 1,000 or 100,000 population for a given age-group

P_a = standard population in a given age-group

P = total standard population

Age-Specific Death Rate:	$\frac{\text{deaths in a specific age-group}}{\text{population in a specific age-group}}$	x 1,000
Age-Specific Fertility Rate:	$\frac{\text{live births in a specific age-group}}{\text{female population in a specific age-group}}$	x 1,000
Birth Rate:	$\frac{\text{live births}}{\text{total population}}$	x 1,000
Cause-Specific Death Rate:	$\frac{\text{cause-specific deaths}}{\text{total population}}$	x 100,000
Death Rate:	$\frac{\text{total deaths}}{\text{total population}}$	x 1,000
Divorce Rate:	$\frac{\text{divorces}}{\text{total population}}$	x 1,000
Marriage Dissolution Rate:	$\frac{\text{divorces and annulments}}{\text{total population}}$	x 1,000
Fertility Rate:	$\frac{\text{live births}}{\text{female population 15-44}}$	x 1,000
Fetal Death Rate:	$\frac{\text{fetal deaths}}{\text{live births + fetal deaths}}$	x 1,000
Hebdomadal Death Rate:	$\frac{\text{hebdomadal deaths}}{\text{live births}}$	x 1,000
Infant Death Rate:	$\frac{\text{infant deaths}}{\text{live births}}$	x 1,000
Marriage Rate:	$\frac{\text{marriages}}{\text{total population}}$	x 1,000

RATES AND RATIOS (Cont.)

Maternal Death Rate:	maternal deaths / live births	x 10,000
Natural Increase Rate:	live birth rate minus total death rate	
Neonatal Death Rate:	neonatal deaths / live births	x 1,000
Out-of-Wedlock Birth Ratio:	out-of-wedlock births / live births	x 100
Perinatal Period III Death Rate:	perinatal period III deaths / live births + fetal deaths	x 1,000
Teenage Pregnancy Rate:	live births, fetal deaths, abortions for females in a specific age-group / female population in a specific age-group	x 1,000
Years of Potential Life Lost Rate:	years of potential life lost / population	x 1,000

SYMBOLS AND ABBREVIATIONS

n.s.	not stated
n.a.	not available
n/a	not applicable
-	zero
0.0	quantity or percent more than zero but less than 0.05.