

*Coordinating health & health care  
for a thriving Kansas*



# **KANSAS HEALTH INDICATORS**

**March 26, 2009**

**Based on recommendations from the  
Data Consortium**

**Compiled by the  
Kansas Health Policy Authority**

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# Overview

## Background

The health and health care measures and indicators used to create this publicly-reported state dashboard of access, quality, cost, and public health measures were selected by the Health Data Consortium, a multi-stakeholder advisory committee of key government agencies, hospitals, physicians, insurers, purchasers, and consumers convened by the Kansas Health Policy Authority (KHPA). With the broad mission of leveraging the state's data – both the data managed directly by KHPA as well as other Kansas health data managed by partner organizations – for health reform via data-driven policy, the 90+ members of the Data Consortium and its four workgroups, representing over 22 health industry stakeholder organizations met 24 times over a 11-month period from December 2007 till October 2008 to formulate this set of indicators, which were approved by the KHPA Board in November, 2008. More information on the Data Consortium may be found at <http://www.khpa.ks.gov/KHPADDataConsortium/default.htm>

## Purpose

These indicators, compiled to fulfill one of the statutory responsibilities of the Kansas Health Policy Authority, namely to gather, analyze and distribute a wide range of health-related data about Kansas (KSA 75-7405), will be updated as more data becomes available and will eventually enable KHPA and state policymakers to evaluate the performance of existing programs, assess the overall health status of Kansas, identify important trends in health status, and make more informed health policy decisions that address the state's most critical needs and track the impact of such decisions.

## Scope

The various indicators presented here are divided into four categories that are aligned with the KHPA Board's vision principles: Access to Care; Health and Wellness; Quality and Efficiency; and Affordability and Sustainability and intended to span the spectrum of key dimensions of health and health care. These measures are presented as concise graphics and tables that show baseline and historical trends along with national benchmark information for comparison purposes.

## Phased Development Strategy

The measures needed to build the health indicator dashboard have been divided into three tiers, based on their availability and level of validation currently available:

- **Tier 1:** Data that is already collected and computed routinely and is believed to have a high degree of integrity. These measures are currently publicly reported and deemed acceptable by industry standards. This tier was the primary focus for the Data Consortium in 2008.
- **Tier 2:** Data that is collected routinely as a part of a database but is not checked for integrity and is not publicly reported at this time. This type of data may require further analysis prior to public reporting. This will be a focus beginning in 2009.
- **Tier 3:** Data required for the measure is not routinely collected at the present time. These measures may or may not be available, or are not consistently available. This tier will be addressed beginning in 2009 or 2010.

This first release of the health indicator dashboard contains only Tier 1 measures, as described above. Other Tiers, more detailed drill-downs (e.g. stratification by demographics), and peer benchmarks (e.g. other state comparisons) will be added in future versions as recommended by the Data Consortium based on user feedback. This document has an interactive table of contents with hyperlinks for ease of access to the various measures.

## Key Features of the Health Indicator Dashboard

- Stakeholder-driven collaborative effort championed by key health industry players
- Minimally burdensome data monitoring (Tier I)
- Phased approach (Overall ambitious vision with focus on low-hanging fruit first to create momentum and demand)
- Comprehensive (Health and Health Care; multiple domains)
- Synchronized with KHPA Vision Principles
- Aligned with national standards (E.g. Healthy People 2010 used as default; Measures chosen from standard national datasets)
- Attempt to include Kansas health reform proposals: e.g. Medical homes, Oral health, Tobacco cessation
- Proactive strategy (Deeming: “If you continue to do what you have always done, you will get what you have always gotten”)
- Based on the maxim “You cannot improve what you cannot measure” this comprehensive, concise, balanced presentation of health measures in an integrated, consistent format is intended to help elevate data to information, to knowledge, and ultimately to wisdom through a process of continuous improvement.

## Dashboard Description and Usage Guidelines

The dashboard is comprised of a series of graphs and tables grouped into 4 major sections: Access to Care, Quality and Efficiency, Affordability and Sustainability, and Health and Wellness. The document has an interactive (hyperlinked) table of contents to allow quick navigation to a desired measure.

Data for each measure is presented both in graphical and tabular time-series format with benchmark data wherever available. This is intended to enable:

- Historical Self-Comparison of Kansas data over time, i.e., Chronological Trends
- Peer Comparison – Benchmarking with national or other state data to compare how Kansas fares in relation to the rest of the US or other selected states. This first release includes mainly national benchmarks with some peer state benchmarks, but this feature will be enhanced based on Data Consortium input on appropriate states to benchmark against.

The source of data used to generate each measure is listed at the bottom of each graph, and Appendix A gives an overview of the data sources along with a hyperlink to the source Web page (if available in the public domain).

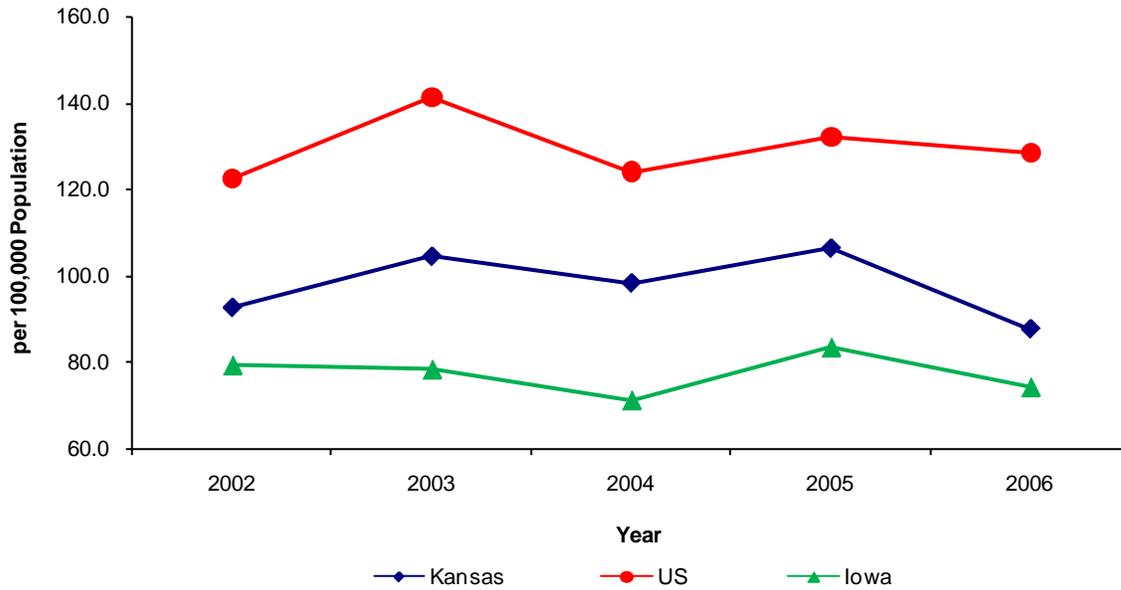
# I

## Access To Care

### Access Outcomes

#### Hospitalization for Ambulatory-Care-Sensitive Conditions:

##### Adult Asthma



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	92.7	1,829	122.6	260,750	79.4	1,740
2003	104.5	2,068	141.5	303,726	78.5	1,744
2004	98.3	1,954	124.1	269,847	71.3	1,586
2005	106.4	2,131	132.2	290,597	83.6	1,860
2006	87.7	1,777	128.6	286,343	74.4	1,644

Source: AHRQ HCUPnet

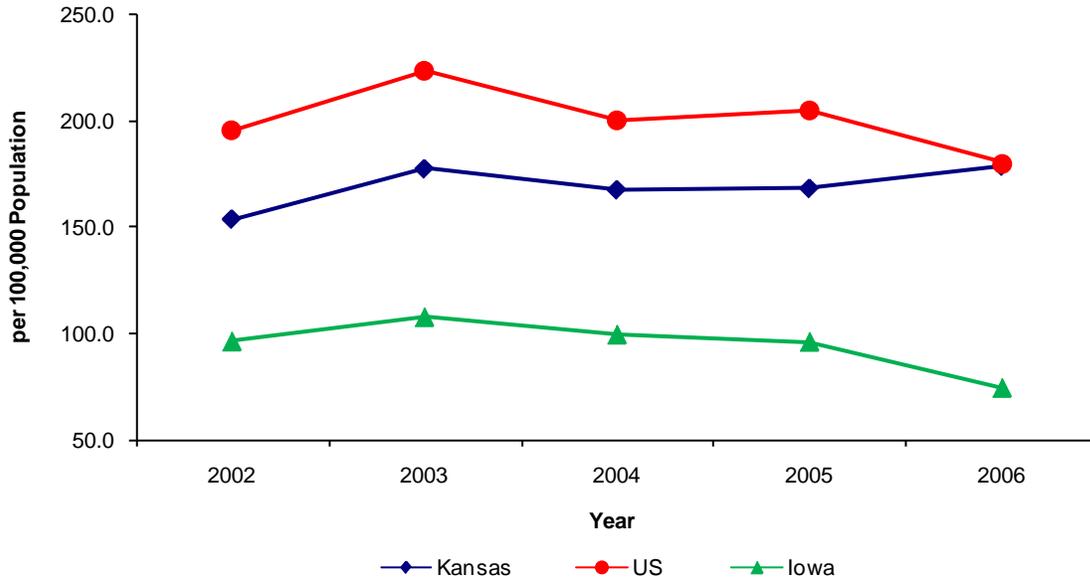
<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

\* Measures hospitalizations for persons aged 18 years and older.

\*\* Population estimates were obtained from the US Census website:

[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

### Pediatric Asthma



Year	Kansas		US	US Count	Iowa	
	Kansas	Count			Iowa	Iowa Count
2002	153.8	1,093	196.1	143,733	96.5	687
2003	177.6	1,250	224.0	164,801	108.0	754
2004	167.6	1,152	200.5	147,981	99.8	681
2005	168.3	1,164	205.5	152,061	96.4	658
2006	178.9	1,246	180.5	133,732	74.7	529

Source: AHRQ HCUPnet

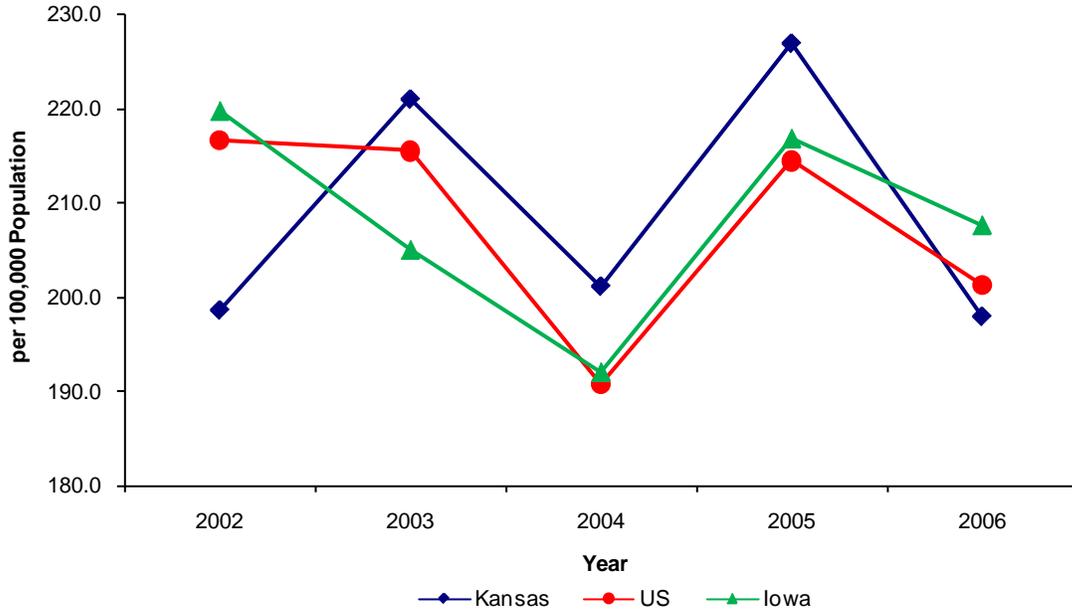
<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

\*Measures hospitalizations for persons less than 18 years-old.

\*\* Population estimates were obtained from the US Census website:

[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

*Chronic Obstructive Pulmonary Disease (COPD)*



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	198.6	5,333	216.6	619,309	219.8	6,380
2003	221.1	5,932	215.5	621,152	205.0	5,990
2004	201.2	5,380	190.8	555,504	192.1	5,581
2005	227.0	6,118	214.4	630,061	216.9	6,308
2006	198.0	5,390	201.3	597,519	207.7	6,062

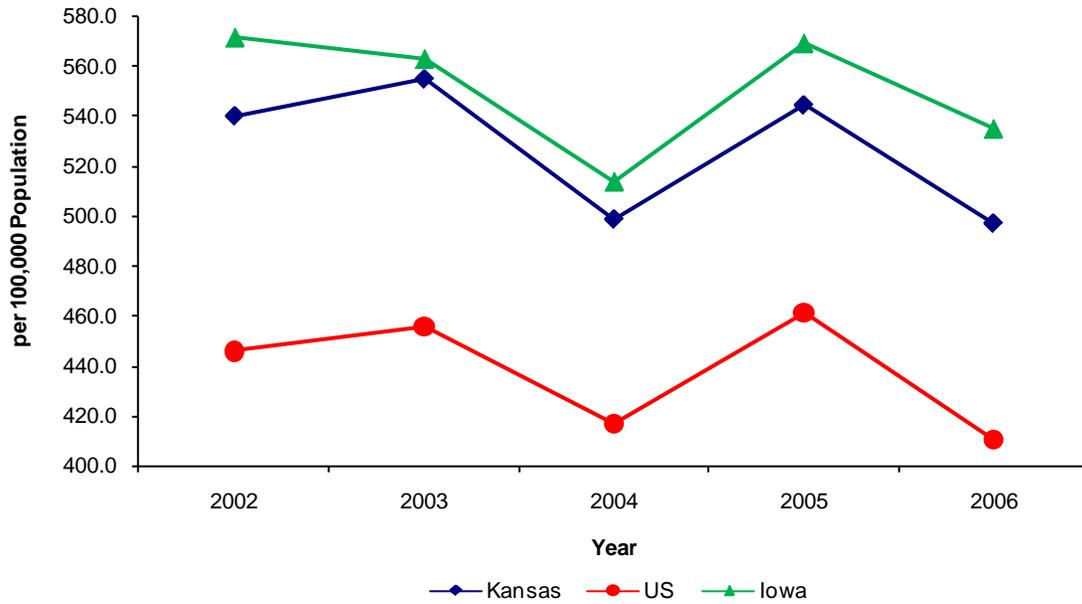
Source: AHRQ HCUPnet

<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

Population estimates were obtained from the US Census website:

[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

### Pneumonia



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	540.4	14,509	445.9	1,275,079	572.0	16,603
2003	555.3	14,899	456.0	1,314,590	563.4	16,459
2004	498.8	13,339	416.8	1,213,468	514.1	14,940
2005	544.8	14,681	461.3	1,355,377	569.7	16,570
2006	497.2	13,536	410.5	1,218,467	535.3	15,628

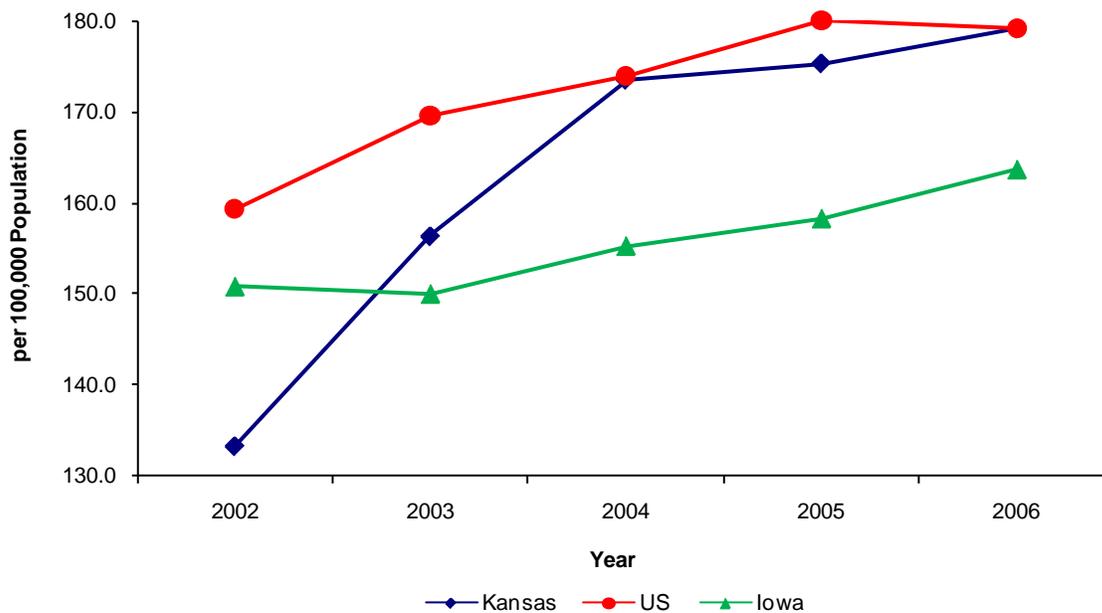
Source: AHRQ HCUPnet

<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

Population estimates were obtained from the US Census website:

[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

### Urinary Infections



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	133.3	3,580	159.3	455,624	150.8	4,377
2003	156.4	4,195	169.5	488,732	150.0	4,381
2004	173.5	4,640	173.9	506,230	155.3	4,512
2005	175.3	4,724	180.0	528,874	158.3	4,605
2006	179.1	4,877	179.2	531,793	163.7	4,780

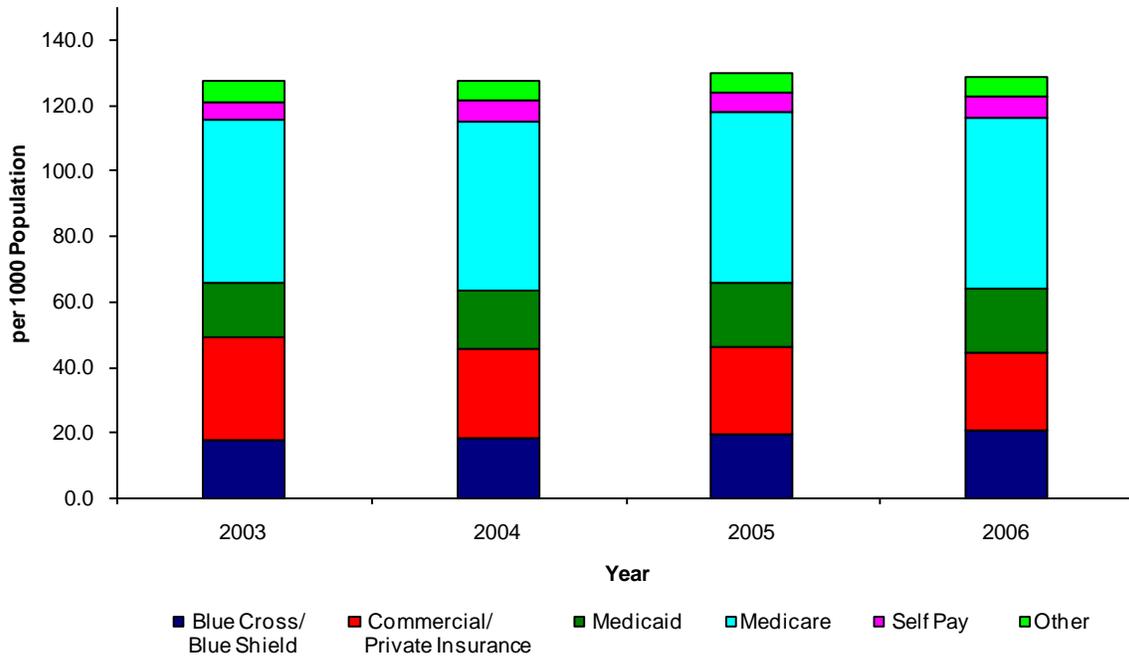
Source: AHRQ HCUPnet

<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

Population estimates were obtained from the US Census website:

[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

## Total Hospitalizations per 1000 Population (by Source of Payer)



Year	Total Kansas Resident Discharges	Blue Cross/Blue Shield	Commercial/Private Insurance	Medicaid	Medicare	Self Pay	Other
2003	128.0	18.1	31.2	16.9	49.5	5.6	6.7
2004	127.6	18.3	27.3	18.3	51.7	6.6	5.5
2005	129.9	19.4	26.7	19.8	52.5	5.8	5.6
2006	129.0	20.9	23.8	19.4	52.7	6.5	5.8

Source: KHA – Kansas Hospital Association

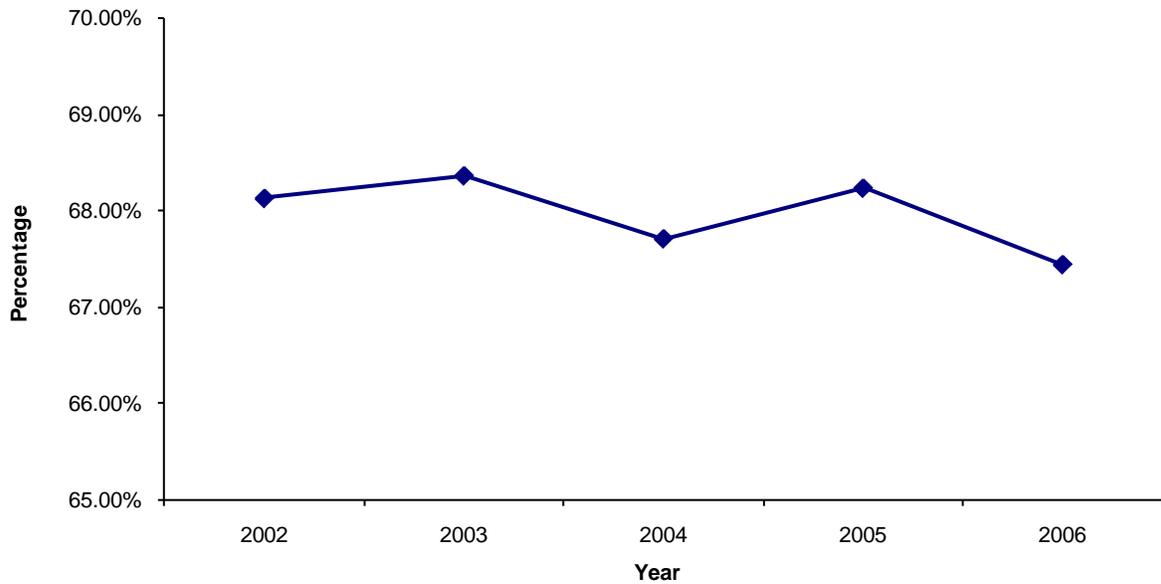
<http://www.kha-net.org/>

\* Kansas population estimates were obtained from the Kansas Information for Communities (KIC) website.

<http://kic.kdhe.state.ks.us/kic/>

\*\* Measures all in-state and out of state hospital discharges for Kansas residents.

## Percentage of Patients Seeking Inpatient Care Within Their County



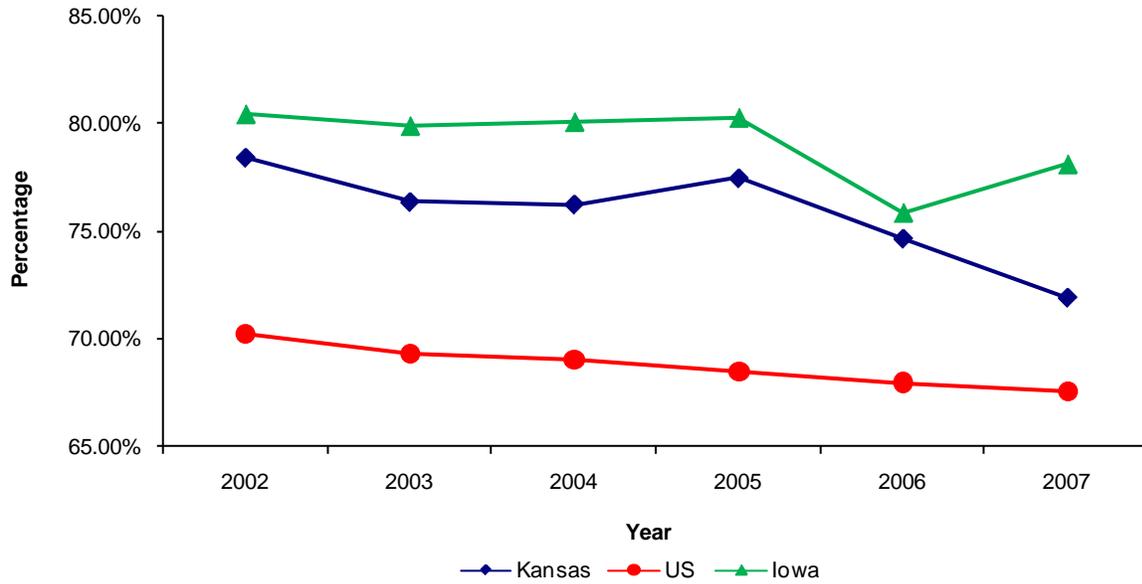
Year	Kansas	Kanas Count
2002	68.13%	233,721
2003	68.36%	232,907
2004	67.70%	230,921
2005	68.23%	235,154
2006	67.43%	232,474

Source: KHA – Kansas Hospital Association  
<http://www.kha-net.org/>

\* Numerator – Hospital discharges in which the patient resides in the same county as the hospital.  
 \*\* Denominator - Total hospital discharges for Kansas hospitals.

# Health Insurance Status

## Persons With Private Health Insurance

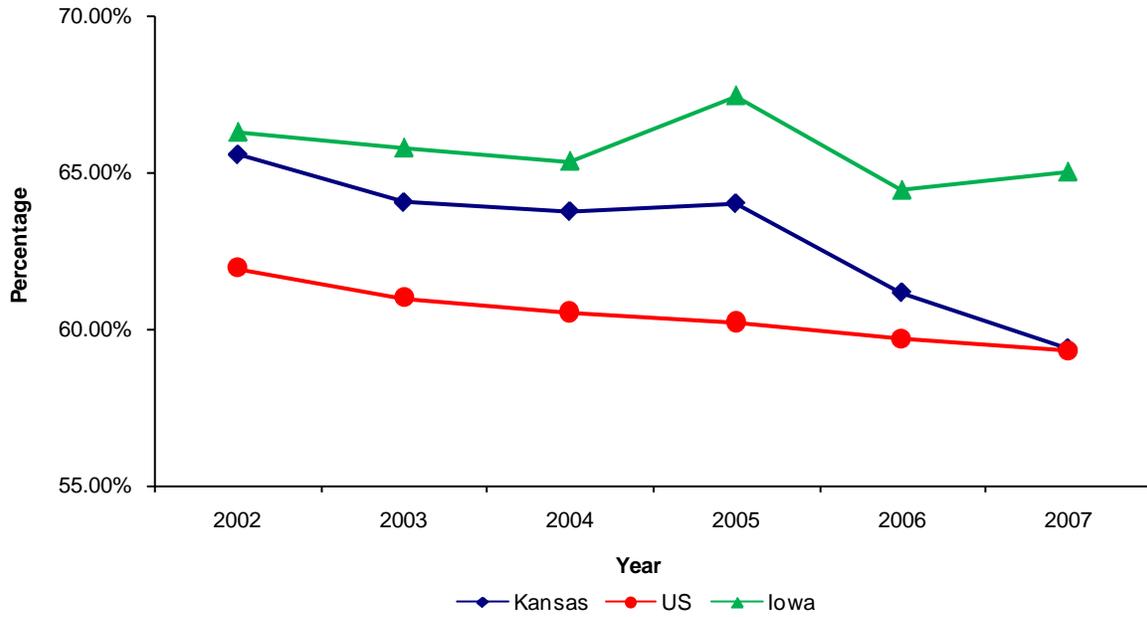


Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	78.39%	2,104,505	70.26%	200,891,000	80.47%	2,335,858
2003	76.34%	2,048,347	69.33%	199,871,000	79.92%	2,334,649
2004	76.23%	2,038,603	69.01%	200,924,000	80.10%	2,327,712
2005	77.44%	2,086,753	68.46%	201,167,000	80.30%	2,335,824
2006	74.65%	2,032,608	67.95%	201,690,000	75.87%	2,214,777
2007	71.94%	1,957,955	67.53%	201,991,000	78.13%	2,320,187

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

\* Private Health Insurance includes Employment-Based, Own-Employment-Based, and Direct Purchase Health Insurance.

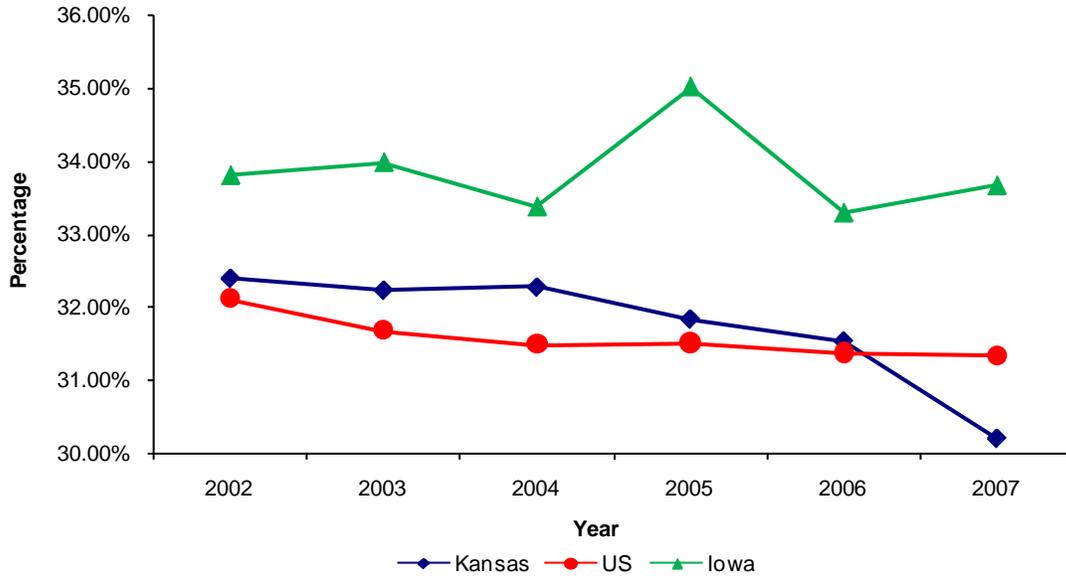
### Persons With Employment-Based Health Insurance



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	65.58%	1,760,755	61.94%	177,095,000	66.28%	1,924,102
2003	64.06%	1,718,745	61.00%	175,844,000	65.78%	1,921,624
2004	63.77%	1,705,402	60.53%	176,247,000	65.36%	1,899,178
2005	64.02%	1,725,291	60.21%	176,924,000	67.45%	1,962,027
2006	61.18%	1,665,782	59.68%	177,152,000	64.43%	1,880,824
2007	59.40%	1,616,646	59.33%	177,446,000	65.01%	1,930,626

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

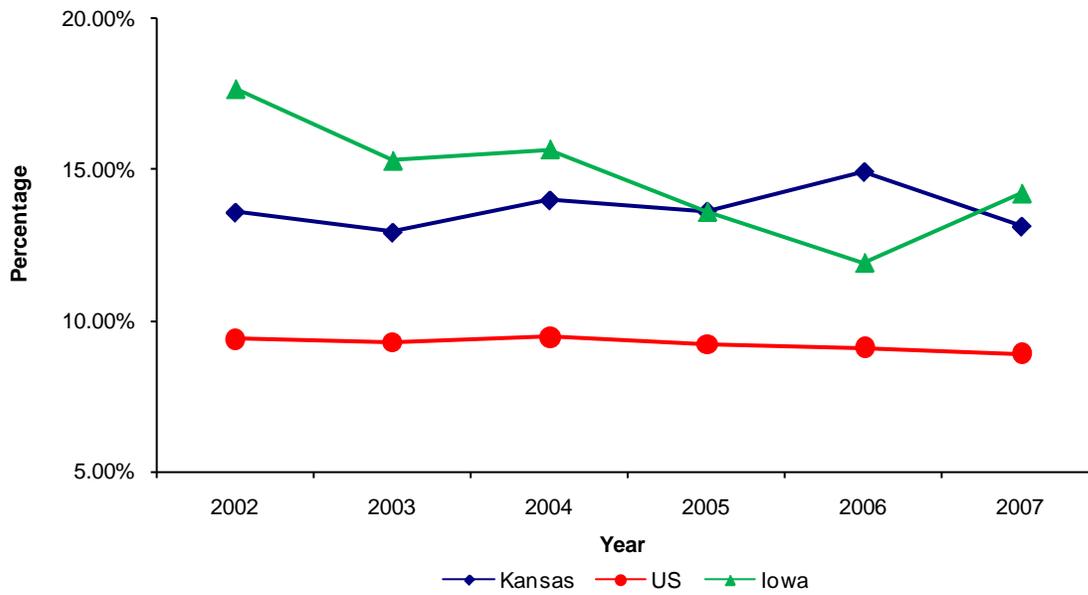
## Persons With Own-Employment-Based Health Insurance



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	32.40%	869,897	32.11%	91,822,000	33.81%	981,345
2003	32.24%	864,967	31.69%	91,353,000	33.98%	992,783
2004	32.28%	863,287	31.50%	91,715,000	33.38%	969,939
2005	31.84%	858,122	31.51%	92,600,000	35.02%	1,018,578
2006	31.54%	858,818	31.38%	93,150,000	33.30%	971,964
2007	30.21%	822,314	31.35%	93,774,000	33.67%	999,777

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

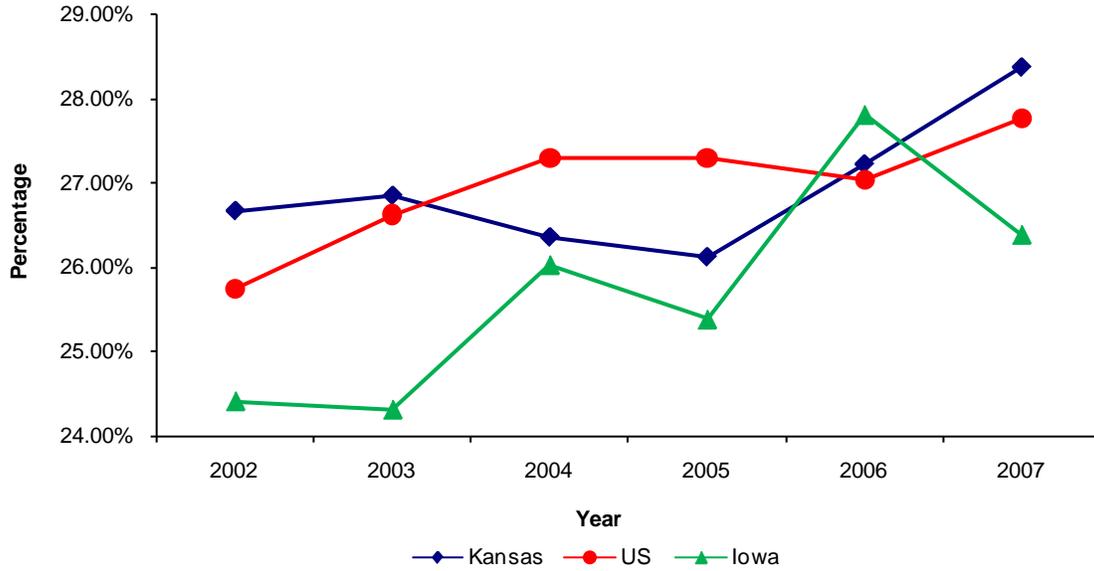
### Persons With Direct Purchase Health Insurance



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	13.61%	365,336	9.39%	26,846,000	17.70%	513,937
2003	12.95%	347,409	9.29%	26,783,000	15.33%	447,822
2004	14.01%	374,642	9.46%	27,551,000	15.71%	456,479
2005	13.64%	367,590	9.21%	27,055,000	13.64%	396,657
2006	14.94%	406,815	9.12%	27,066,000	11.95%	348,873
2007	13.15%	357,835	8.92%	26,673,000	14.25%	423,037

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

### Persons With Government Health Insurance

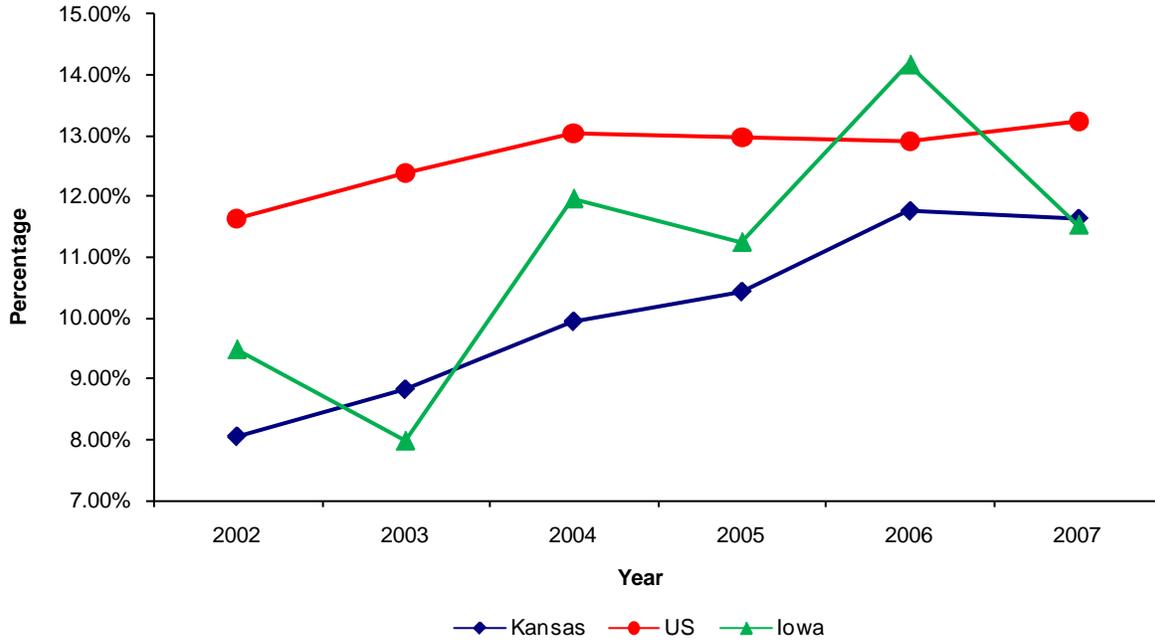


Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	26.68%	716,176	25.75%	73,624,000	24.41%	708,703
2003	26.86%	720,569	26.63%	76,755,000	24.32%	710,314
2004	26.36%	704,972	27.30%	79,486,000	26.03%	756,287
2005	26.12%	703,996	27.30%	80,213,000	25.38%	738,279
2006	27.23%	741,416	27.04%	80,270,000	27.80%	811,683
2007	28.39%	772,652	27.76%	83,031,000	26.39%	783,559

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

\* Government Health Insurance includes Medicaid, Medicare, and Military Health Insurance.

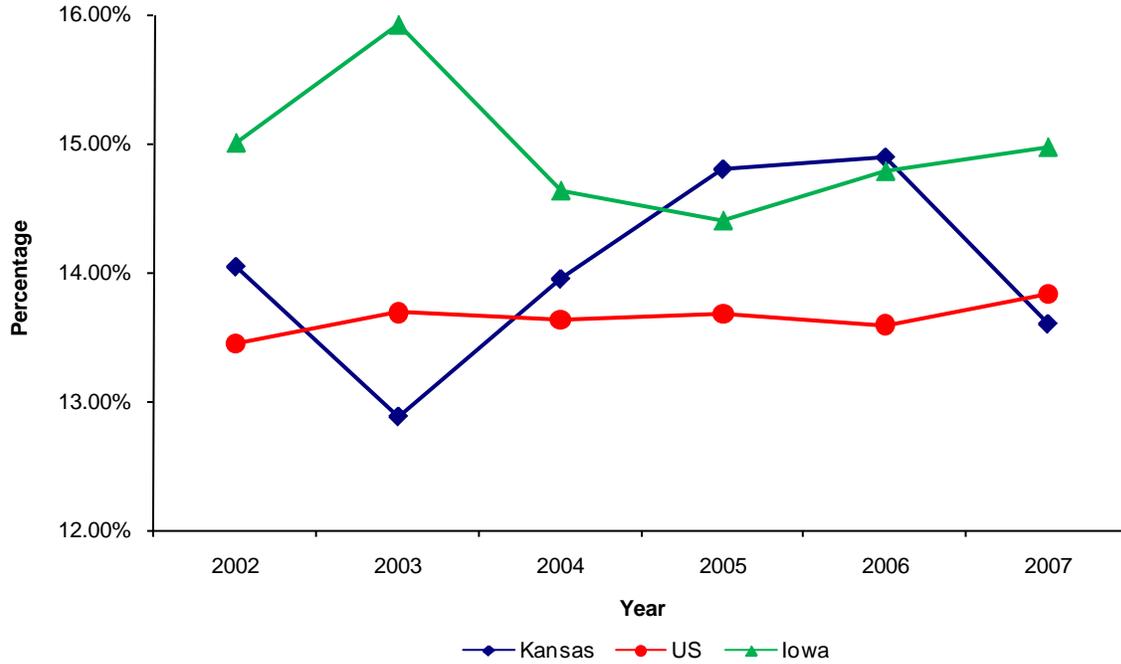
### Persons With Medicaid Health Insurance



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	8.04%	215,985	11.63%	33,246,000	9.48%	275,062
2003	8.82%	236,581	12.37%	35,647,000	7.97%	232,895
2004	9.93%	265,605	13.04%	37,955,000	11.95%	347,382
2005	10.42%	280,796	12.97%	38,104,000	11.24%	326,927
2006	11.75%	319,784	12.90%	38,281,000	14.16%	413,300
2007	11.62%	316,247	13.22%	39,554,000	11.52%	342,208

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

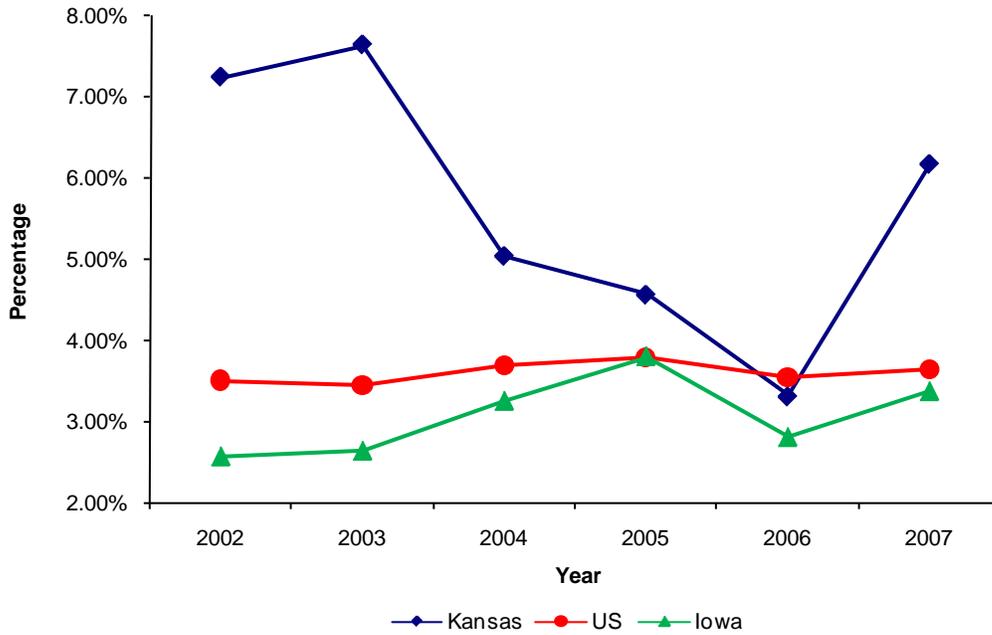
### Persons With Medicare Health Insurance



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	14.04%	376,964	13.45%	38,448,000	15.01%	435,733
2003	12.88%	345,616	13.69%	39,456,000	15.93%	465,264
2004	13.95%	372,968	13.64%	39,703,000	14.64%	425,407
2005	14.80%	398,719	13.67%	40,177,000	14.41%	419,062
2006	14.89%	405,357	13.59%	40,343,000	14.79%	431,769
2007	13.60%	370,126	13.83%	41,375,000	14.98%	444,768

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

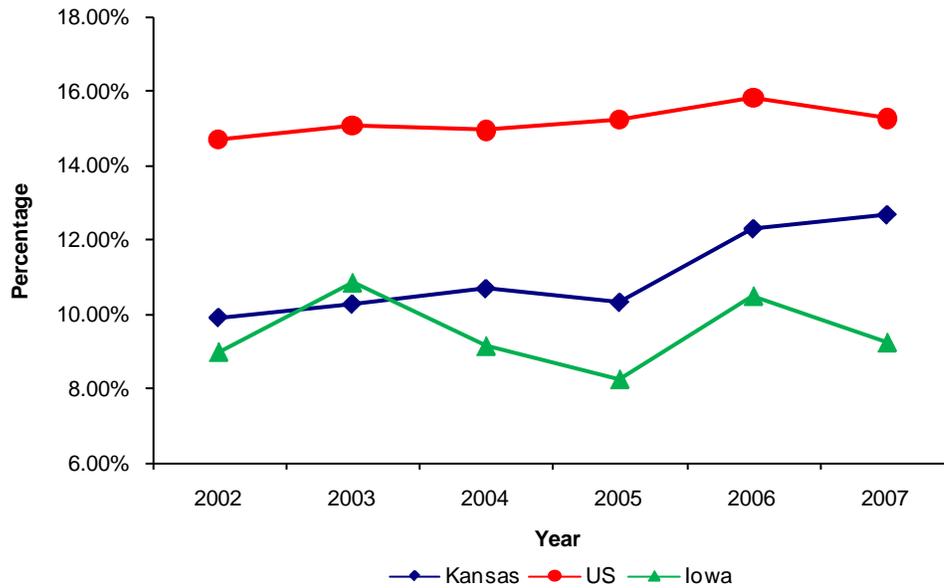
### Persons With Military Health Insurance



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	7.24%	194,400	3.52%	10,063,000	2.59%	75,047
2003	7.64%	204,878	3.46%	9,979,000	2.65%	77,552
2004	5.04%	134,904	3.71%	10,789,000	3.26%	94,769
2005	4.57%	123,149	3.80%	11,166,000	3.81%	110,689
2006	3.32%	90,460	3.55%	10,547,000	2.82%	82,340
2007	6.17%	167,971	3.66%	10,955,000	3.38%	100,341

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

### Persons With No Health Insurance Coverage - Uninsured

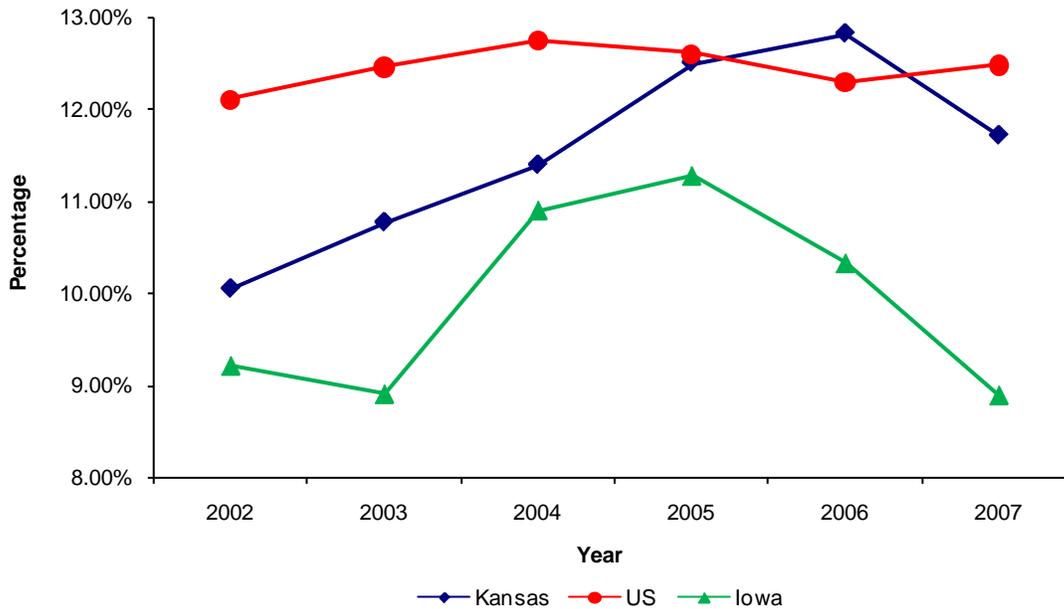


Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	9.90%	265,874	14.70%	42,019,000	9.01%	261,511
2003	10.27%	275,477	15.06%	43,404,000	10.87%	317,686
2004	10.69%	285,793	14.94%	43,498,000	9.17%	266,395
2005	10.32%	277,974	15.25%	44,815,000	8.27%	240,684
2006	12.31%	335,277	15.83%	46,995,000	10.51%	306,939
2007	12.69%	345,468	15.26%	45,657,000	9.26%	275,078

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

# Medicaid Eligibility

Poverty Rate



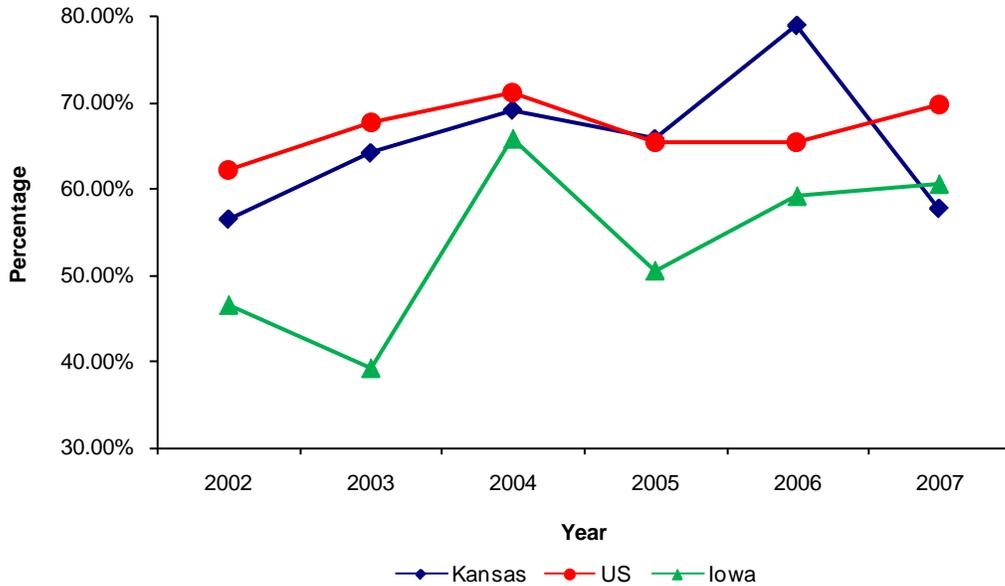
Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	10.05%	269,456	12.12%	34,569,951	9.22%	267,211
2003	10.77%	288,314	12.46%	35,861,170	8.91%	259,864
2004	11.40%	304,216	12.75%	37,039,804	10.91%	316,435
2005	12.51%	336,879	12.60%	36,949,572	11.28%	327,486
2006	12.82%	348,706	12.30%	36,459,670	10.33%	300,980
2007	11.72%	318,729	12.48%	37,275,582	8.90%	263,809

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

\* Poverty Rate measures the percentage of the population that earns less than the Federal Poverty Level (FPL).  
 \*\* Numerator – Population that earn less than 100% FPL.  
 \*\*\* Denominator - Total population of Kansas/US/Iowa.

Percent of Eligible Children Enrolled in Medicaid (based on %FPL):

Age < 1

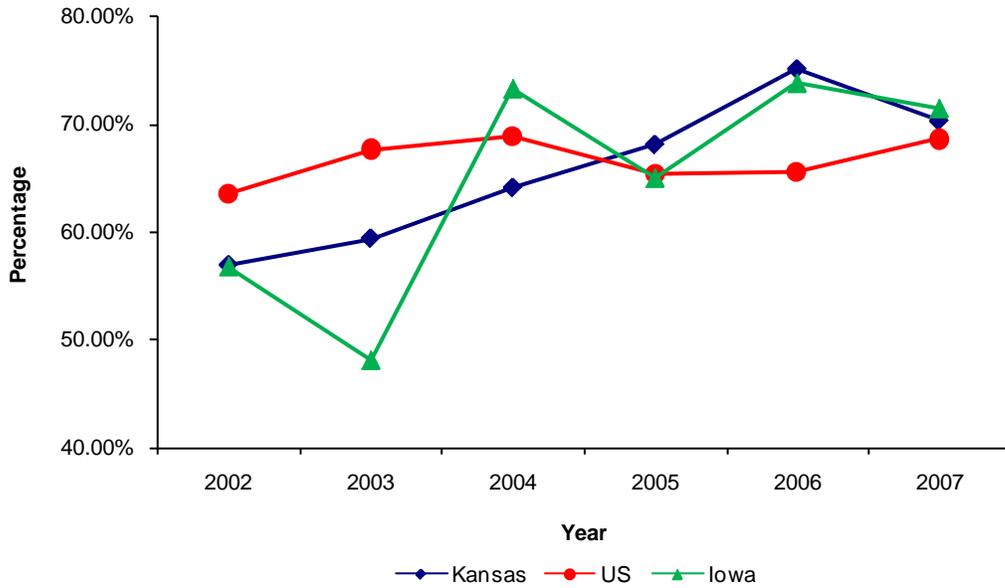


Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	56.38%	4,231	62.23%	654,004	46.55%	7,464
2003	64.09%	6,036	67.68%	771,441	39.20%	3,741
2004	69.08%	12,245	71.16%	952,501	65.90%	11,911
2005	65.72%	8,963	65.38%	850,031	50.56%	6,688
2006	78.92%	11,966	65.46%	891,201	59.22%	9,003
2007	57.64%	11,530	69.82%	1,011,733	60.62%	10,253

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

\*Medicaid eligibility was based solely on FPL (Federal Poverty Level) for this age group: Kansas <= 150% ; Iowa <= 200% ; US <= 150%.

*Ages 1 - 5*



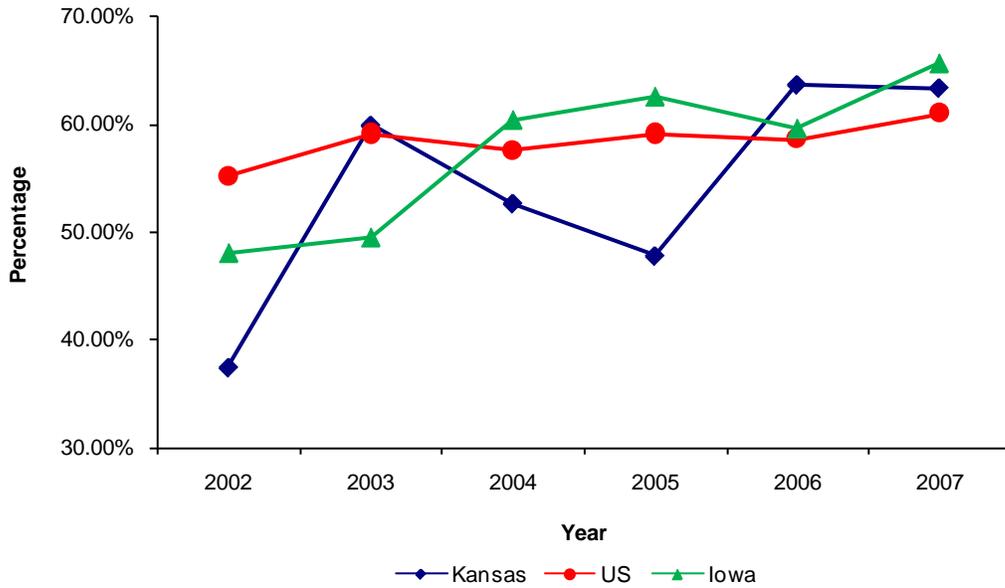
Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	56.88%	28,736	63.62%	3,392,702	56.78%	22,594
2003	59.35%	25,452	67.65%	3,739,400	48.07%	20,341
2004	64.08%	27,745	68.82%	3,758,711	73.30%	32,902
2005	68.09%	36,989	65.39%	3,610,767	64.99%	32,198
2006	75.13%	57,332	65.62%	3,719,485	73.80%	38,874
2007	70.29%	47,523	68.61%	4,066,812	71.45%	33,667

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

\*Medicaid eligibility was based solely on FPL (Federal Poverty Level) for this age group: Kansas  $\leq$  133% ; Iowa  $\leq$  133%; US  $\leq$  133%.

\*\*The source did not allow for a 133% FPL cutoff so it was interpolated based on 125% and 150% cutoffs.

*Ages 6 – 19*



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	37.47%	20,143	55.25%	4,925,129	48.05%	49,096
2003	59.87%	45,072	59.08%	5,487,315	49.49%	50,113
2004	52.64%	40,232	57.58%	5,473,160	60.39%	58,881
2005	47.79%	40,692	59.11%	5,498,473	62.55%	61,035
2006	63.62%	54,882	58.62%	5,407,804	59.59%	69,706
2007	63.33%	43,870	60.95%	5,745,501	65.63%	55,922

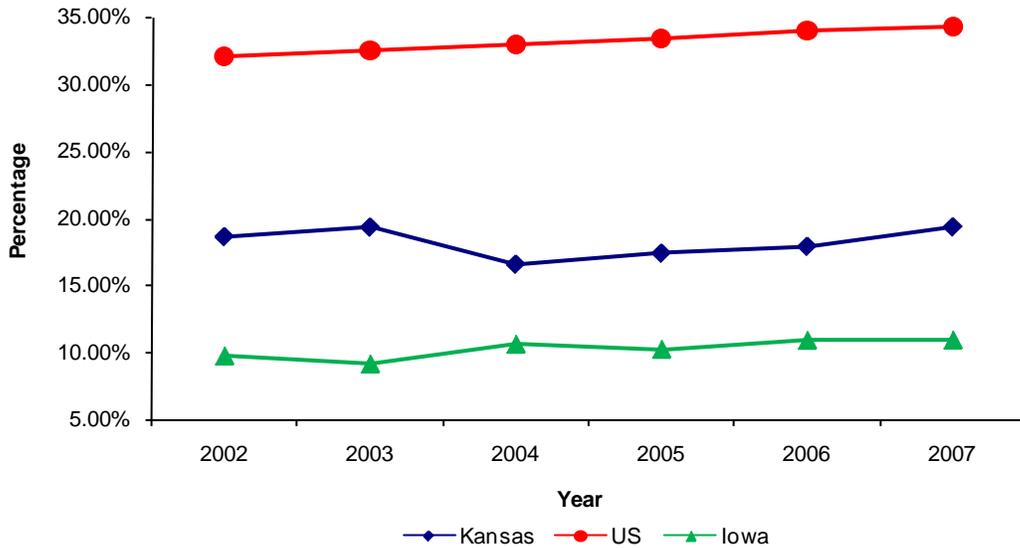
Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

\*Medicaid eligibility was based solely on FPL (Federal Poverty Level) for this age group: Kansas <= 100% ; Iowa <= 133%; US <= 100%.

\*\*The source did not allow for a 133% FPL cutoff so it was interpolated based on 125% and 150% cutoffs.

## Demographics

Percent Minority Population

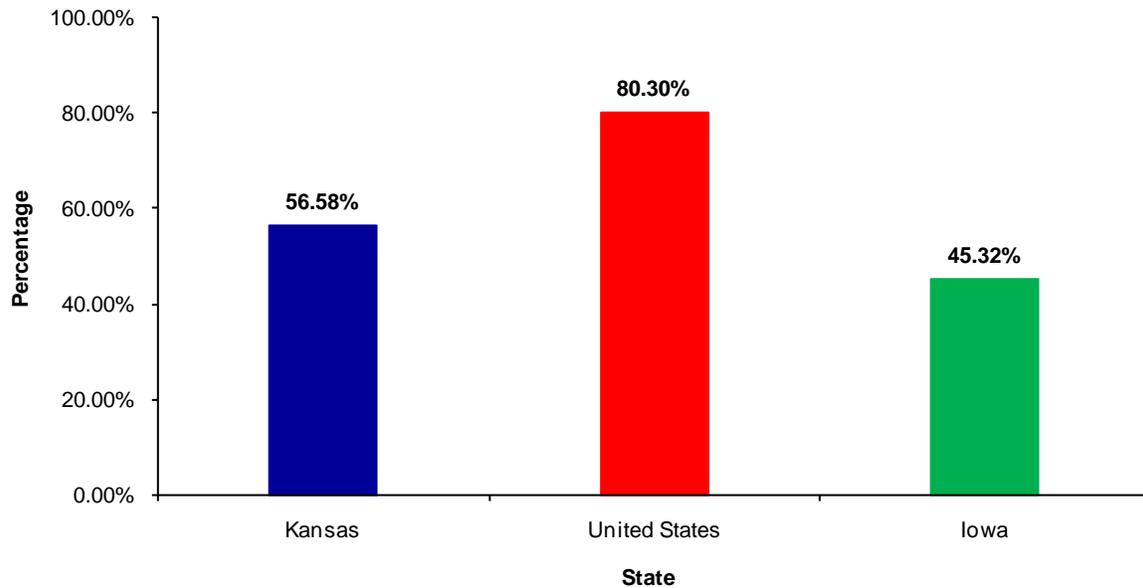


Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	18.58%	499,000	32.00%	91,512,000	9.71%	281,989
2003	19.31%	518,000	32.40%	93,403,000	9.09%	265,533
2004	16.49%	441,000	32.91%	95,819,000	10.63%	308,776
2005	17.33%	467,000	33.33%	97,941,000	10.23%	297,536
2006	17.85%	486,000	33.88%	100,572,000	10.93%	319,094
2007	19.32%	526,000	34.21%	102,338,000	10.95%	325,180

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

\* Numerator – Population that are NOT White and Non-Hispanic  
 \*\* Denominator - Total population of Kansas/US/Iowa.

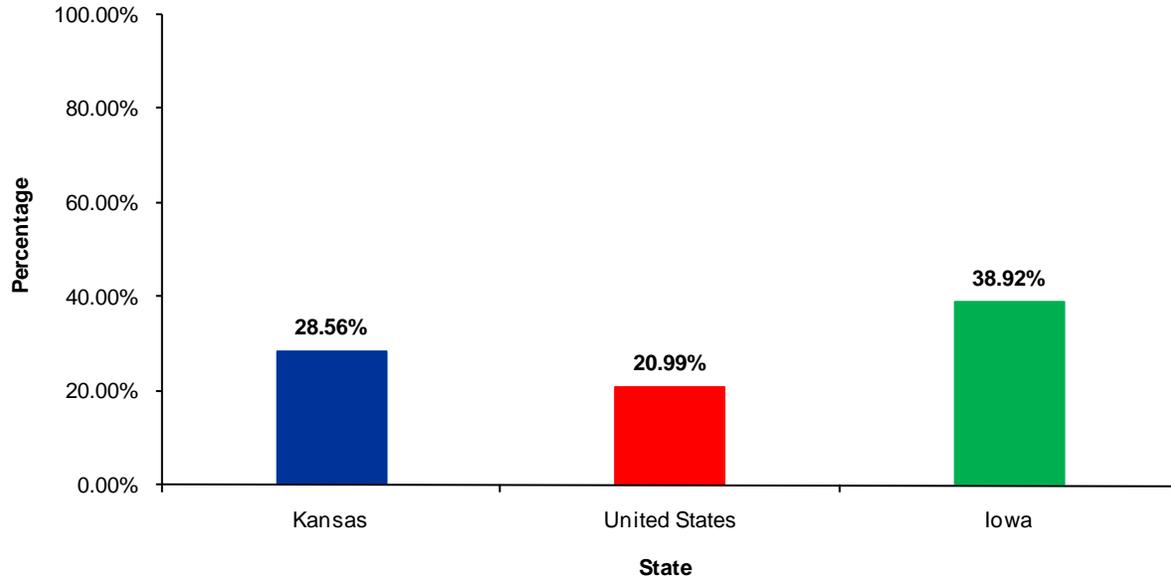
## Percent Metropolitan Population



Source: US Census Bureau American Factfinder  
[http://factfinder.census.gov/home/saff/main.html?\\_lang=en&\\_ts](http://factfinder.census.gov/home/saff/main.html?_lang=en&_ts)

\*Population data taken from 2000 US Census  
\*\*Numerator – Population that reside in a metropolitan area.  
\*\*\*Denominator - Total population of Kansas/US/Iowa.

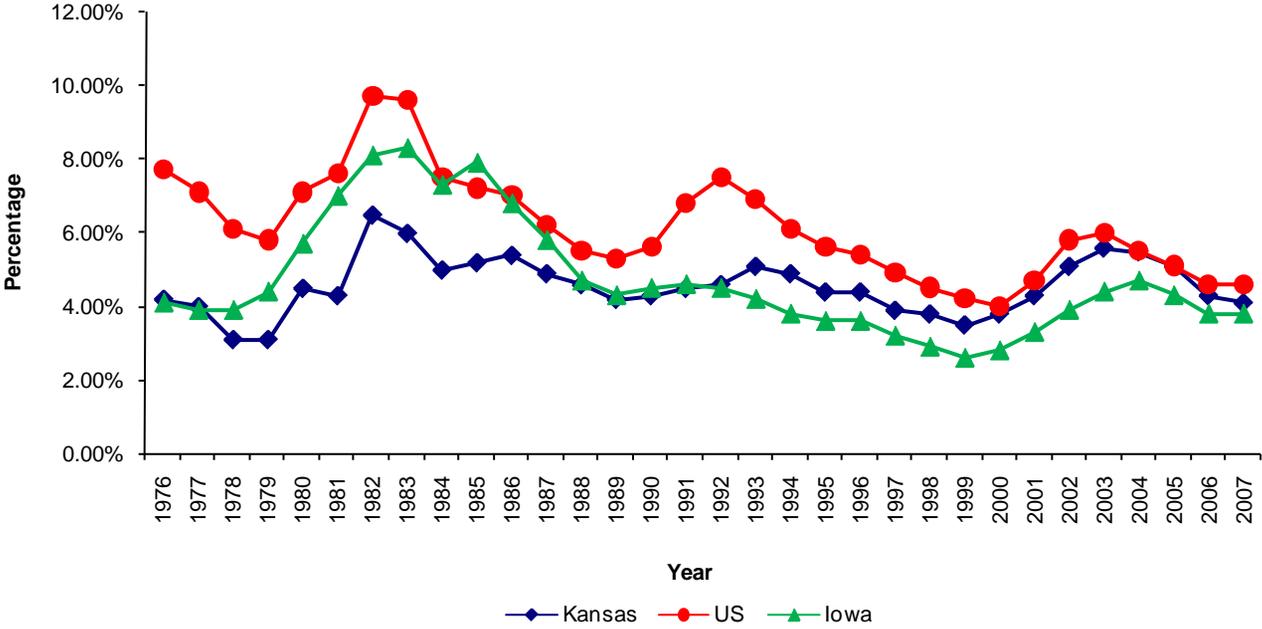
## Percent Rural Population



Source: US Census Bureau American Factfinder  
<http://factfinder.census.gov/home/saff/main.html?lang=en&ts>

\*Population data taken from 2000 US Census  
\*\*Numerator – Population that reside in a rural area.  
\*\*\*Denominator - Total population of Kansas/US/Iowa.

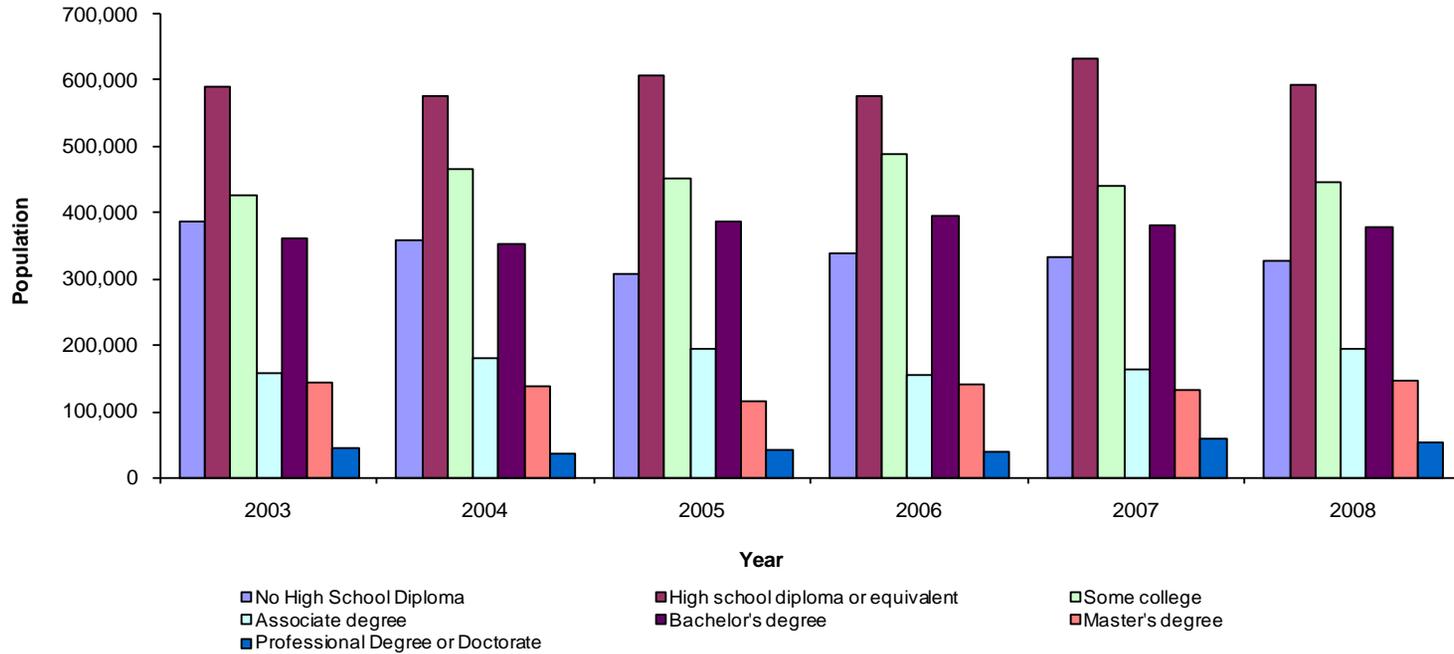
### Unemployment Rate



Source: US Census Bureau of Labor Statistics  
<http://www.bls.gov/>

<b>Year</b>	<b>Kansas</b>	<b>US</b>	<b>Iowa</b>
1976	4.20%	7.70%	4.10%
1977	4.00%	7.10%	3.90%
1978	3.10%	6.10%	3.90%
1979	3.10%	5.80%	4.40%
1980	4.50%	7.10%	5.70%
1981	4.30%	7.60%	7.00%
1982	6.50%	9.70%	8.10%
1983	6.00%	9.60%	8.30%
1984	5.00%	7.50%	7.30%
1985	5.20%	7.20%	7.90%
1986	5.40%	7.00%	6.80%
1987	4.90%	6.20%	5.80%
1988	4.60%	5.50%	4.70%
1989	4.20%	5.30%	4.30%
1990	4.30%	5.60%	4.50%
1991	4.50%	6.80%	4.60%
1992	4.60%	7.50%	4.50%
1993	5.10%	6.90%	4.20%
1994	4.90%	6.10%	3.80%
1995	4.40%	5.60%	3.60%
1996	4.40%	5.40%	3.60%
1997	3.90%	4.90%	3.20%
1998	3.80%	4.50%	2.90%
1999	3.50%	4.20%	2.60%
2000	3.80%	4.00%	2.80%
2001	4.30%	4.70%	3.30%
2002	5.10%	5.80%	3.90%
2003	5.60%	6.00%	4.40%
2004	5.50%	5.50%	4.70%
2005	5.10%	5.10%	4.30%
2006	4.30%	4.60%	3.80%
2007	4.10%	4.60%	3.80%

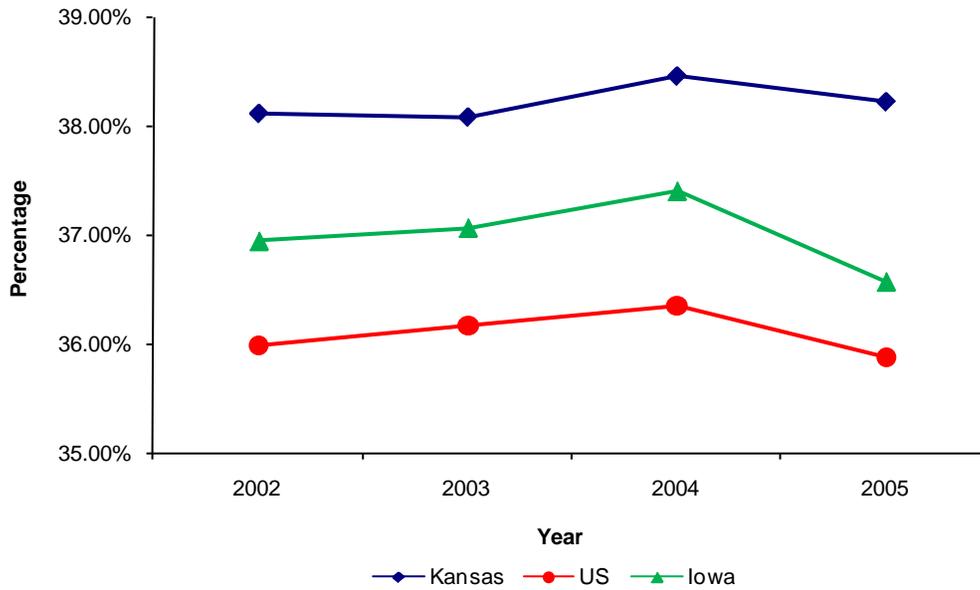
## Education Level



Year	No High School Diploma	High school diploma or equivalent	Some college, no Assoc. or 4 Year degree	Associate degree	Bachelor's degree	Master's degree	Professional Degree or Doctorate
2003	387,000	589,000	427,000	159,000	361,000	143,000	44,000
2004	359,000	576,000	466,000	180,000	354,000	139,000	36,000
2005	307,000	608,000	452,000	195,000	388,000	115,000	43,000
2006	338,000	577,000	487,000	154,000	394,000	141,000	39,000
2007	332,000	633,000	441,000	165,000	381,000	134,000	59,000
2008	327,000	593,000	446,000	195,000	379,000	146,000	53,000

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

### Percent of Employed in Firms With Fewer Than 100 Employees



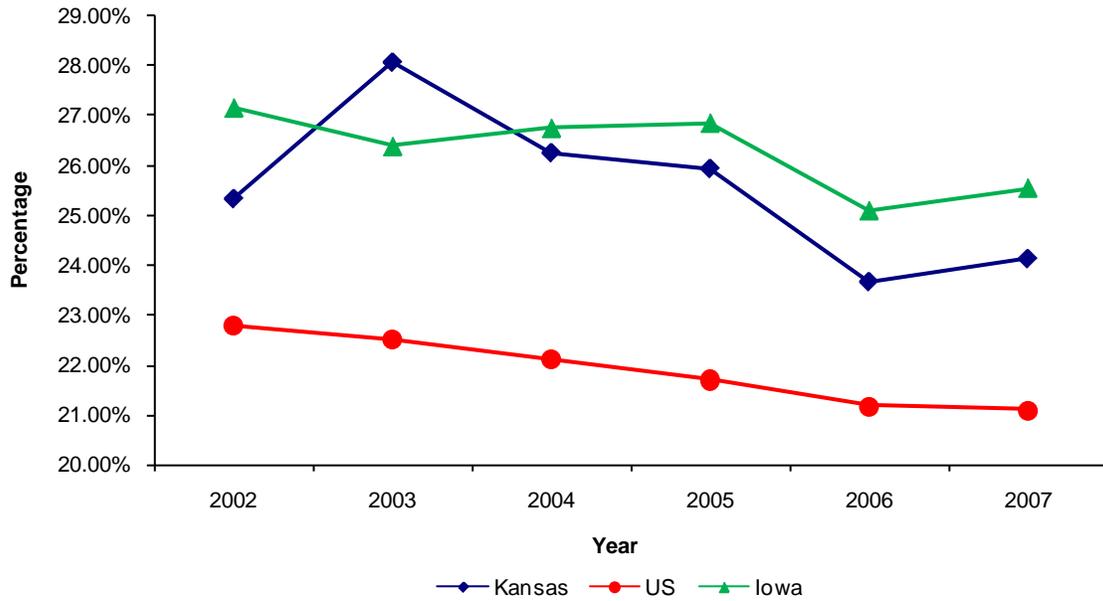
Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	38.11%	418,804	35.99%	40,457,440	36.94%	454,241
2003	38.08%	422,622	36.17%	41,017,341	37.06%	456,951
2004	38.45%	429,259	36.36%	41,839,701	37.40%	464,489
2005	38.22%	426,604	35.88%	41,733,545	36.57%	461,165

Source: US Census Bureau's Statistics of US Businesses  
<http://www.census.gov/csd/susb/susb05.htm>

\*Numerator – Number of employees employed in firms with fewer than 100 employees.

\*\*Denominator – Number of employees employed in Kansas/US/Iowa.

### Percent Employed Part Time



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	25.35%	535,105	22.81%	51,373,858	27.19%	635,314
2003	28.10%	593,170	22.54%	51,293,731	26.41%	622,339
2004	26.27%	553,941	22.13%	51,001,599	26.77%	628,025
2005	25.95%	553,077	21.72%	50,646,945	26.88%	633,867
2006	23.67%	507,733	21.18%	49,989,451	25.09%	585,931
2007	24.16%	516,422	21.11%	50,274,672	25.55%	609,742

Source: CPS – Current Population Survey  
[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

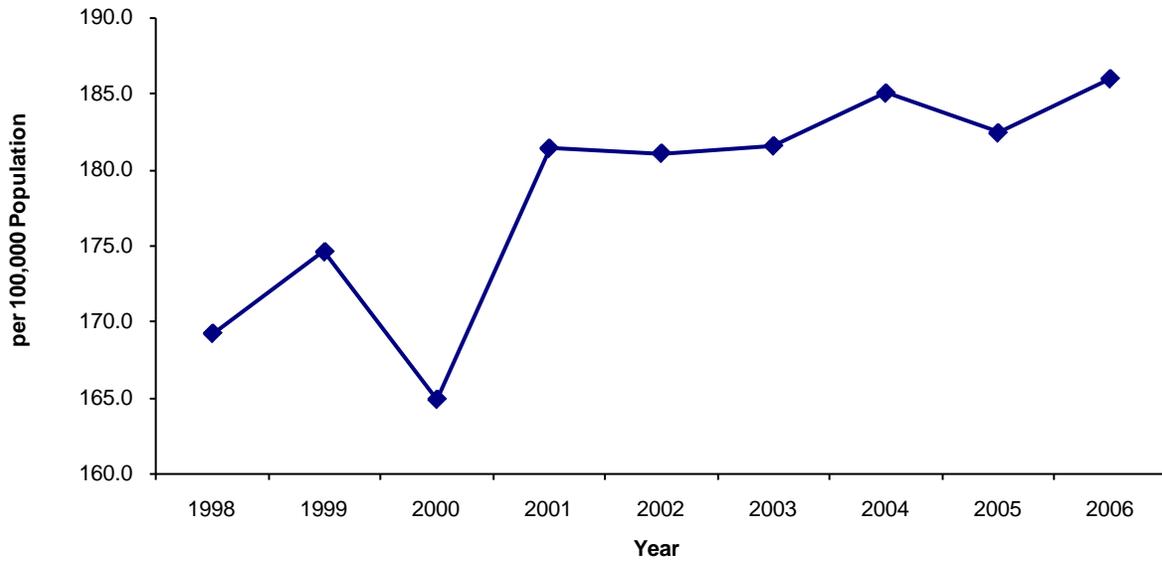
\*Numerator – Number of employees who are part-time.

\*\*Denominator – Number of employees employed in Kansas/US/Iowa that are 15 years and older.

# Health Professions Workforce

## Physician to Population Ratio:

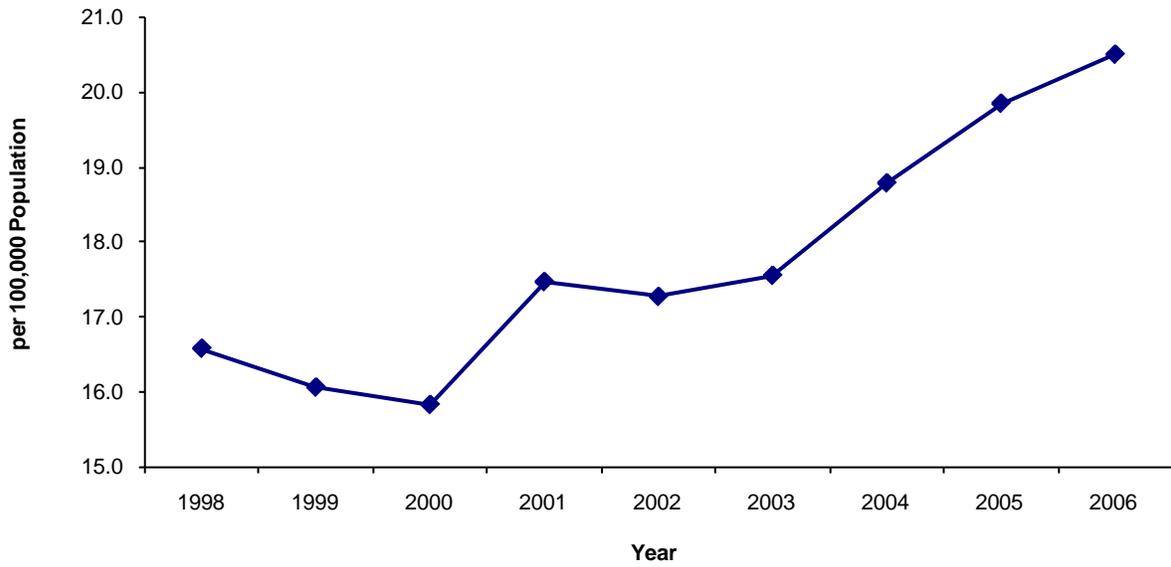
### *MD (Doctor of Medicine)*



Year	Kansas	Kansas Count
1998	169.2	4,501
1999	174.5	4,675
2000	164.8	4,438
2001	181.4	4,901
2002	181.0	4,917
2003	181.5	4,944
2004	185.0	5,061
2005	182.4	5,006
2006	186.0	5,140

Source: KIC – Kansas Information for Communities/KDHE  
<http://kic.kdhe.state.ks.us/kic/>

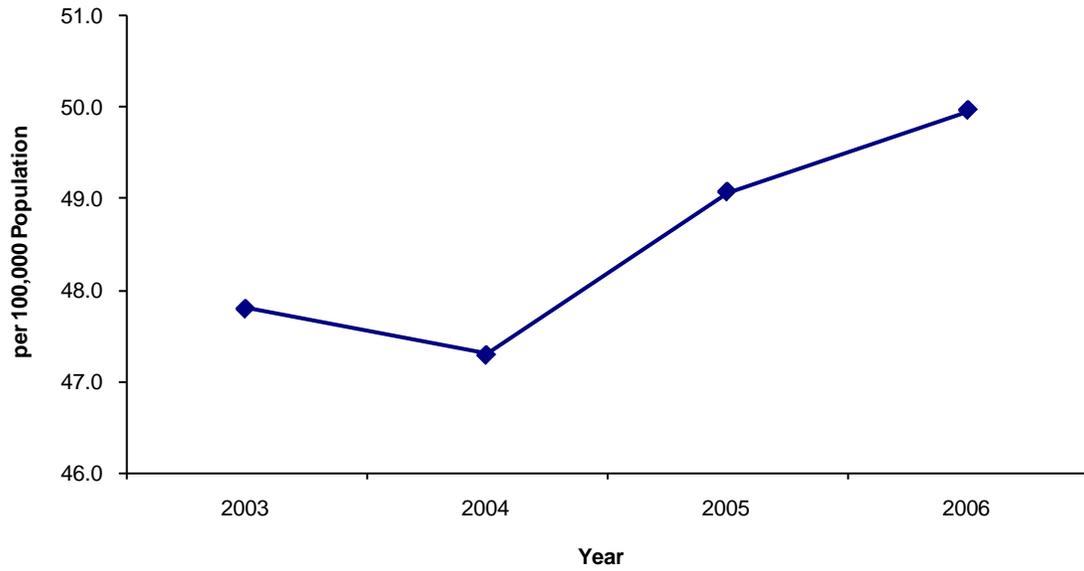
*DO (Doctor of Osteopathic Medicine)*



Year	Kansas	Kansas Count
1998	16.6	441
1999	16.1	430
2000	15.8	426
2001	17.5	472
2002	17.3	469
2003	17.6	478
2004	18.8	514
2005	19.9	545
2006	20.5	567

Source: KIC – Kansas Information for Communities/KDHE  
<http://kic.kdhe.state.ks.us/kic/>

### Dentist to Population Ratio



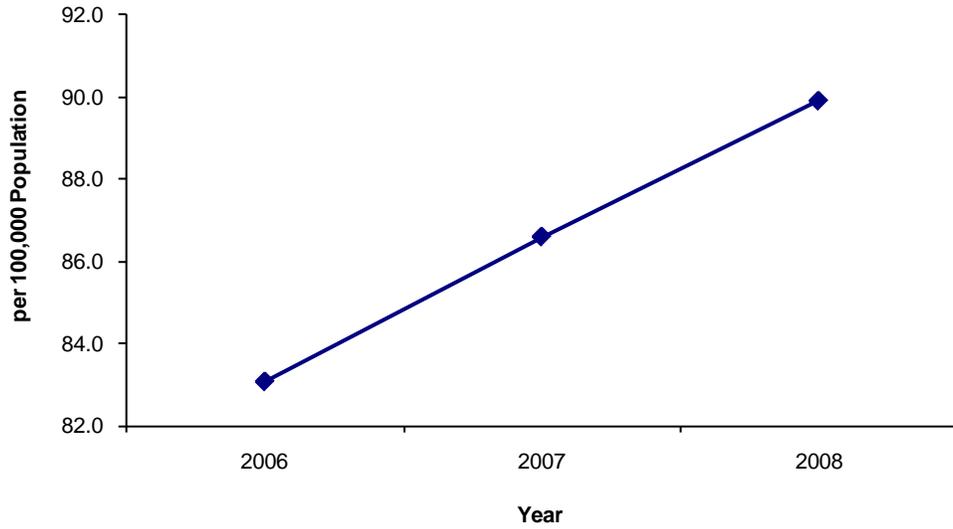
Year	Kansas	Kansas Count
2003	47.8	1,302
2004	47.3	1,294
2005	49.1	1,347
2006	50.0	1,381

Source: *Kansas Statistical Abstract*  
[www.ipsr.ku.edu/ksdata/ksah](http://www.ipsr.ku.edu/ksdata/ksah)

\* *Kansas population estimates were obtained from the Kansas Information for Communities (KIC) website.*  
<http://kic.kdhe.state.ks.us/kic/>

\*\**Measures the number of Dentists with an active status with a practice located in Kansas.*

## Nursing to Population Ratio



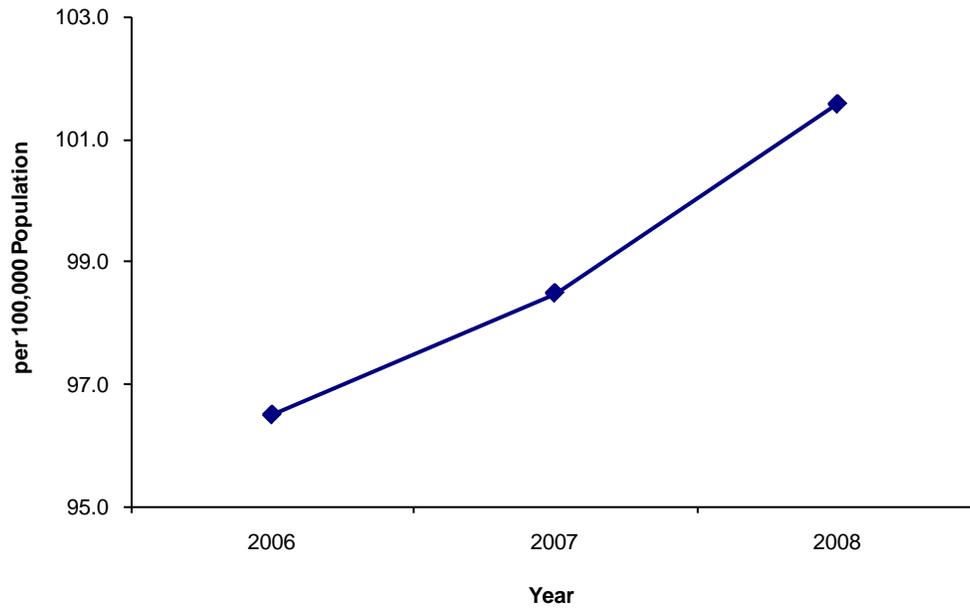
Year	Kansas	Kansas Count
2006	83.1	2,239
2007	86.6	2,358
2008	89.9	2,447

Source: KHPA Licensure Database

\* Kansas population estimates were obtained from the Kansas Information for Communities (KIC) website.  
<http://kic.kdhe.state.ks.us/kic/>

\*\*Measures the number of Advanced Registered Nurse Practitioners (ARNP) with active status who list a mailing address in Kansas.

### Pharmacist to Population Ratio



Year	Kansas	Kansas Count
2006	96.5	2,601
2007	98.5	2,682
2008	101.6	2,765

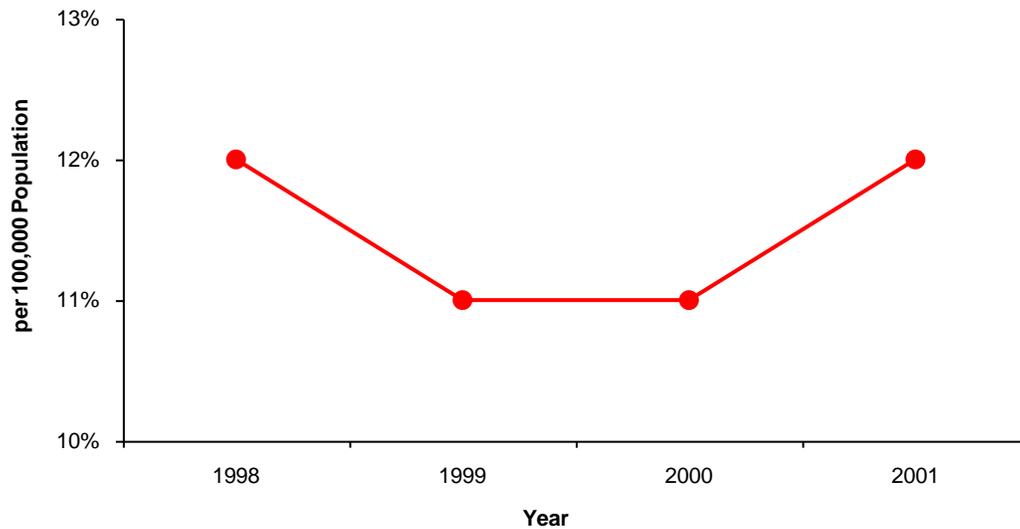
Source: KHPA Licensure Database

\* Kansas population estimates were obtained from the Kansas Information for Communities (KIC) website.  
<http://kic.kdhe.state.ks.us/kic/>

\*\*Measures the number of Pharmacists with active status who lists a mailing address in Kansas.

## Safety Net Stability

### Families Having Difficulties or Delays in Obtaining Needed Healthcare



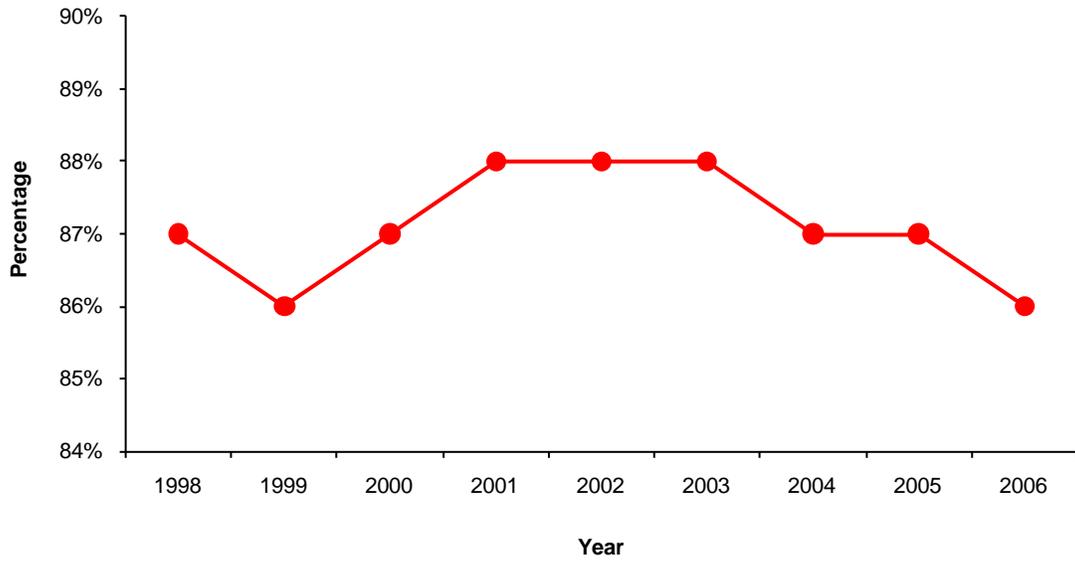
Year	US
1998	12%
1999	11%
2000	11%
2001	12%

Source: *Healthy People CDC Wonder Data2010*  
<http://wonder.cdc.gov/data2010/obj.htm>

*\*Only National data is available for this measure.*

# Medical Home

## People with a Source of Ongoing Care



Year	US
1998	87%
1999	86%
2000	87%
2001	88%
2002	88%
2003	88%
2004	87%
2005	87%
2006	86%

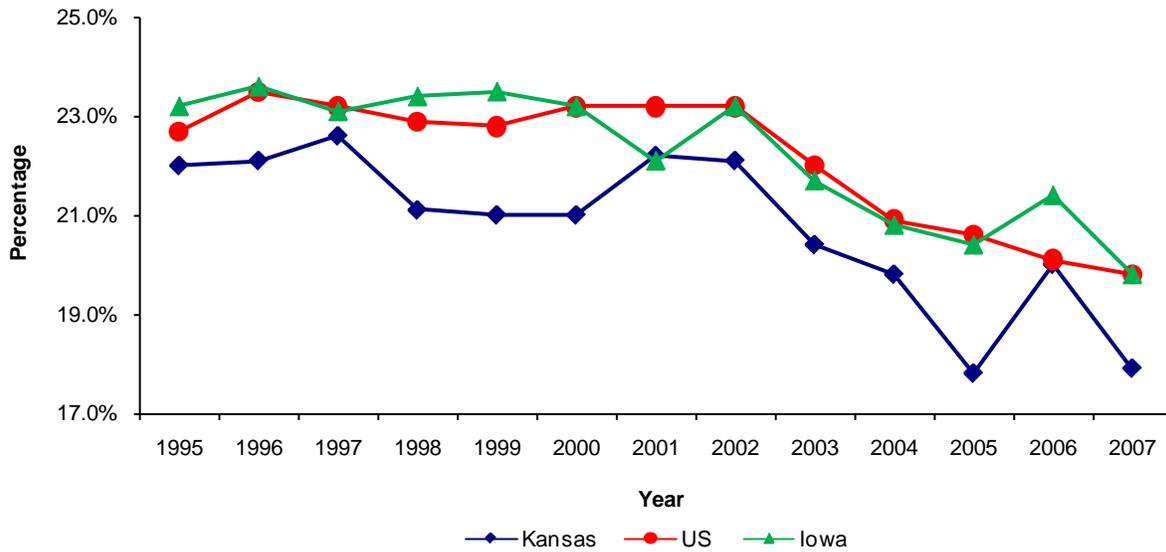
Source: *Healthy People CDC Wonder Data2010*  
<http://wonder.cdc.gov/data2010/obj.htm>

*\*Only National data is available for this measure.*

## II Health And Wellness

### Tobacco Use and Prevention

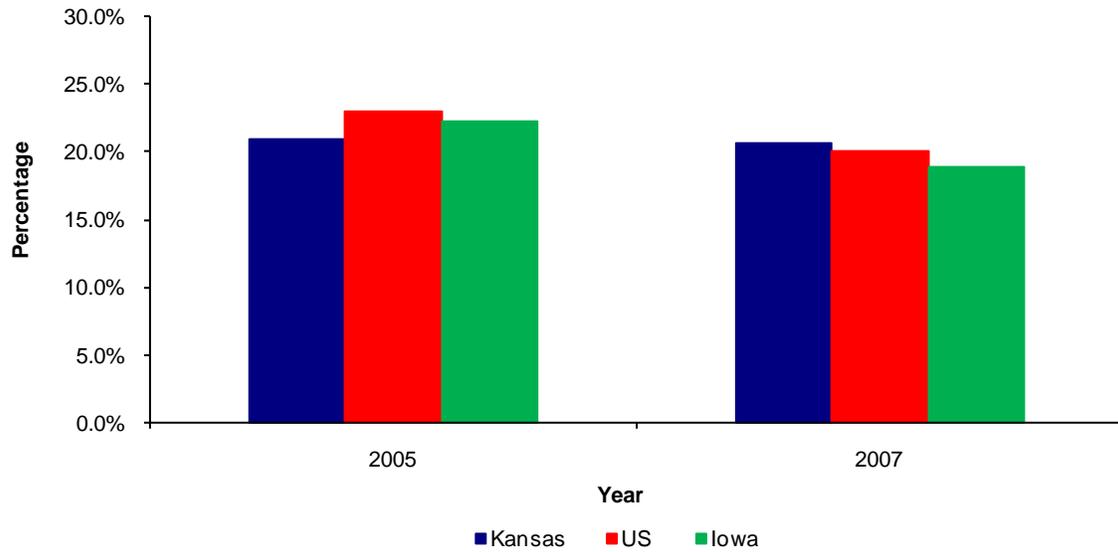
Percentage of Adults Who Currently Smoke Cigarettes



Year	Kansas	US	Iowa
1995	22.0%	22.7%	23.2%
1996	22.1%	23.5%	23.6%
1997	22.6%	23.2%	23.1%
1998	21.1%	22.9%	23.4%
1999	21.0%	22.8%	23.5%
2000	21.0%	23.2%	23.2%
2001	22.2%	23.2%	22.1%
2002	22.1%	23.2%	23.2%
2003	20.4%	22.0%	21.7%
2004	19.8%	20.9%	20.8%
2005	17.8%	20.6%	20.4%
2006	20.0%	20.1%	21.4%
2007	17.9%	19.8%	19.8%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

## Percentage of Adolescents Who Currently Smoke Cigarettes

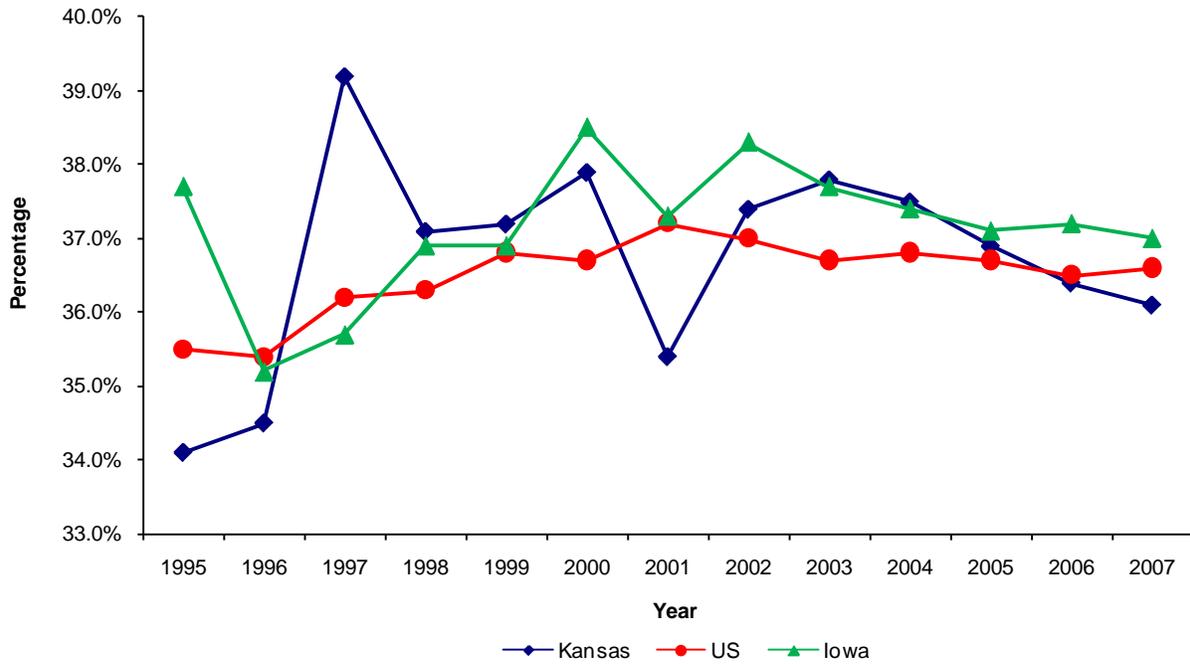


Year	Kansas	US	Iowa
2005	21.0%	23.0%	22.2%
2007	20.6%	20.0%	18.9%

Source: Youth Risk Behavior Surveillance System (YRBSS)/KDHE  
<http://apps.nccd.cdc.gov/yrbss/>

# Overweight and Obesity

Percentage of Adults Who Are Overweight

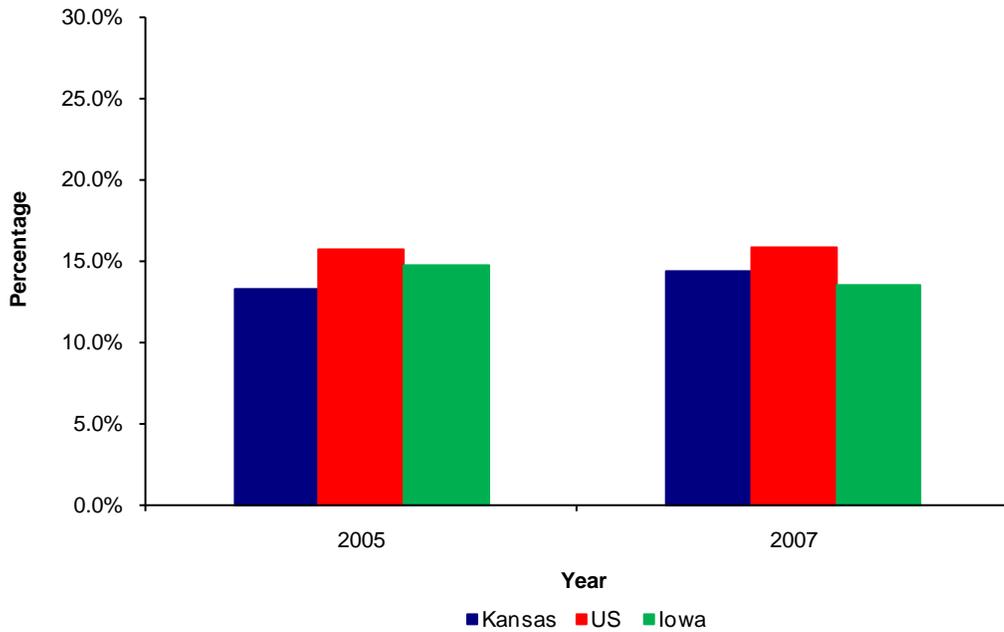


Year	Kansas	US	Iowa
1995	34.1%	35.5%	37.7%
1996	34.5%	35.4%	35.2%
1997	39.2%	36.2%	35.7%
1998	37.1%	36.3%	36.9%
1999	37.2%	36.8%	36.9%
2000	37.9%	36.7%	38.5%
2001	35.4%	37.2%	37.3%
2002	37.4%	37.0%	38.3%
2003	37.8%	36.7%	37.7%
2004	37.5%	36.8%	37.4%
2005	36.9%	36.7%	37.1%
2006	36.4%	36.5%	37.2%
2007	36.1%	36.6%	37.0%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

\*Measures adults age 18 and over with a Body Mass Index between 25.0 and 29.9

## Percentage of Adolescents Who Are Overweight

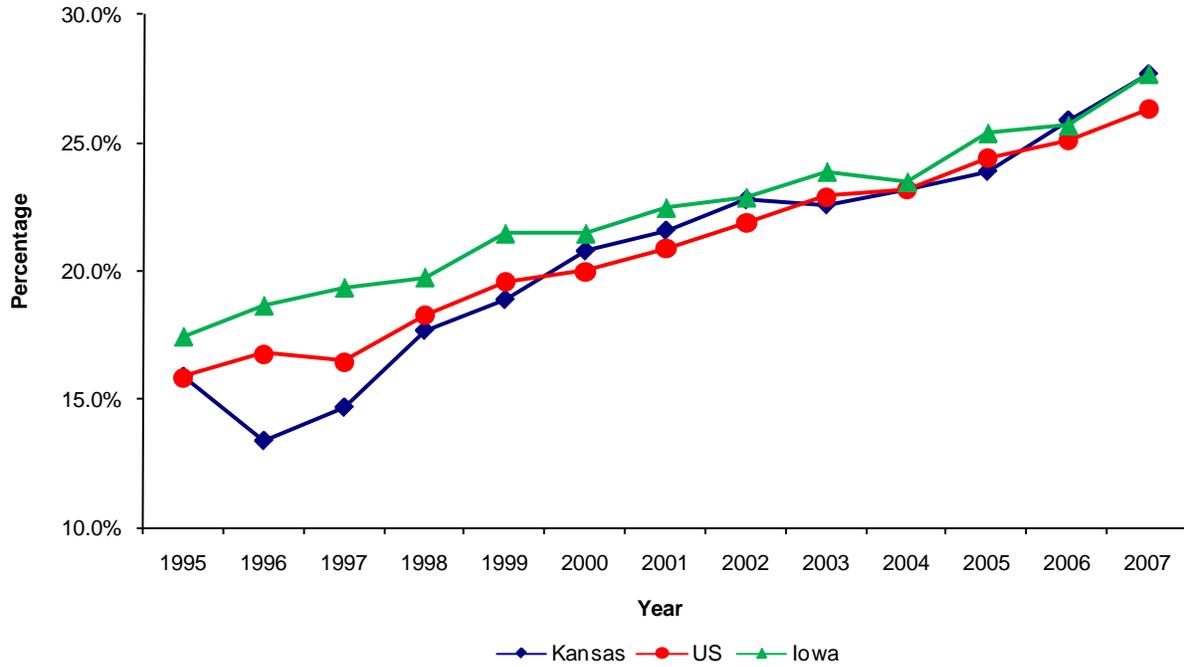


Year	Kansas	US	Iowa
2005	13.3%	15.7%	14.8%
2007	14.4%	15.8%	13.5%

Source: Youth Risk Behavior Surveillance System (YRBSS)/KDHE  
<http://apps.nccd.cdc.gov/yrbss/>

\* Measures high school students with a Body Mass Index  $\geq$  85<sup>th</sup> percentile and  $<$  95<sup>th</sup> percentile by age and gender.

## Percentage of Adults Who Are Obese

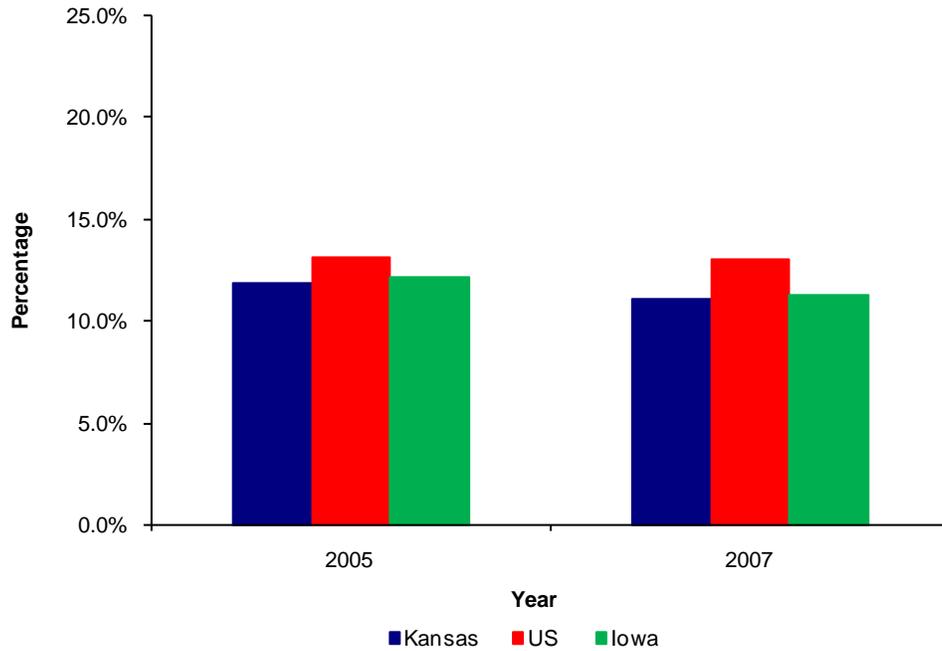


Year	Kansas	US	Iowa
1995	15.9%	15.9%	17.5%
1996	13.4%	16.8%	18.7%
1997	14.7%	16.5%	19.4%
1998	17.7%	18.3%	19.8%
1999	18.9%	19.6%	21.5%
2000	20.8%	20.0%	21.5%
2001	21.6%	20.9%	22.5%
2002	22.8%	21.9%	22.9%
2003	22.6%	22.9%	23.9%
2004	23.2%	23.2%	23.5%
2005	23.9%	24.4%	25.4%
2006	25.9%	25.1%	25.7%
2007	27.7%	26.3%	27.7%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

\*Measures adults age 18 and over with a Body Mass Index between 30.0 and 99.8

## Percentage of Adolescents Who Are Obese



Year	Kansas	US	Iowa
2005	11.9%	13.1%	12.2%
2007	11.1%	13.0%	11.3%

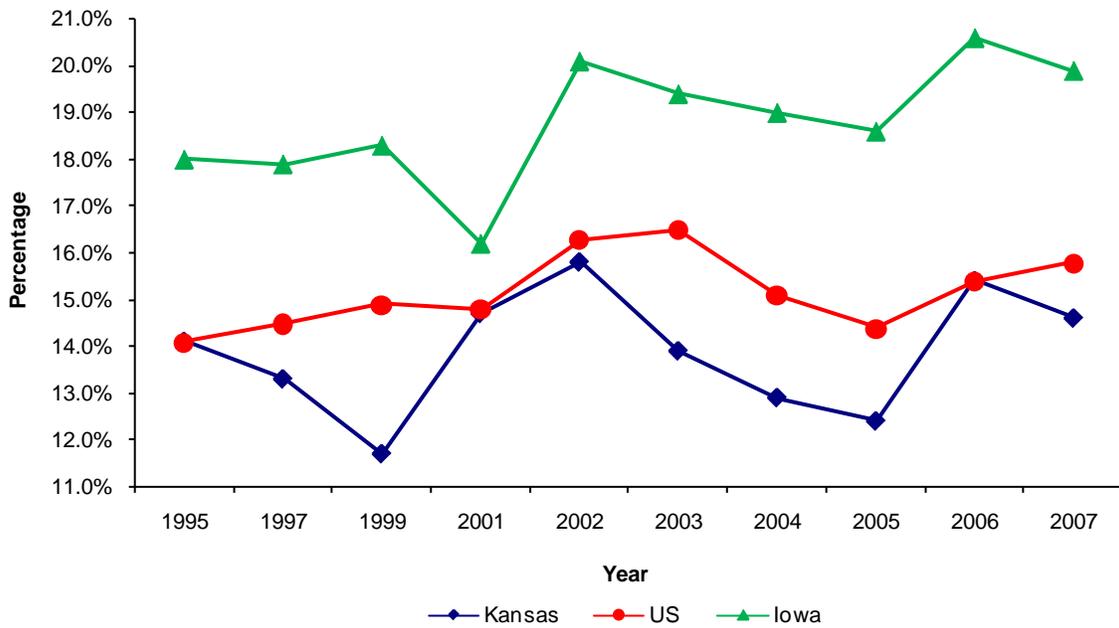
Source: Youth Risk Behavior Surveillance System (YRBSS)/KDHE

<http://apps.nccd.cdc.gov/yrbss/>

\*Measures high school students with a Body Mass Index  $\geq$  95<sup>th</sup> percentile by age and gender.

# Alcohol Use

## Binge Drinking Among Adults, 18 Years and Older

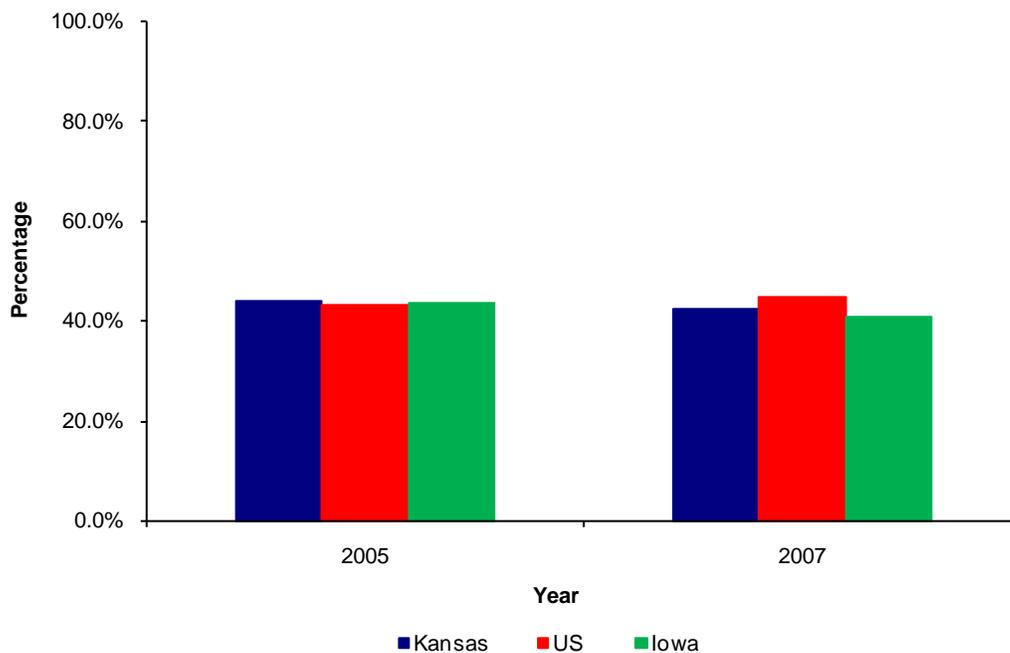


Year	Kansas	US	Iowa
1995	14.1%	14.1%	18.0%
1997	13.3%	14.5%	17.9%
1999	11.7%	14.9%	18.3%
2001	14.7%	14.8%	16.2%
2002	15.8%	16.3%	20.1%
2003	13.9%	16.5%	19.4%
2004	12.9%	15.1%	19.0%
2005	12.4%	14.4%	18.6%
2006	15.4%	15.4%	20.6%
2007	14.6%	15.8%	19.9%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

\*Binge drinking is defined as adult men (aged 18 and over) having five or more drinks on one occasion and adult females (aged 18 and over) having four or more drinks on one occasion)

## Percentage of Youth who Reported Using Alcohol at Least Once In the Past 30 Days

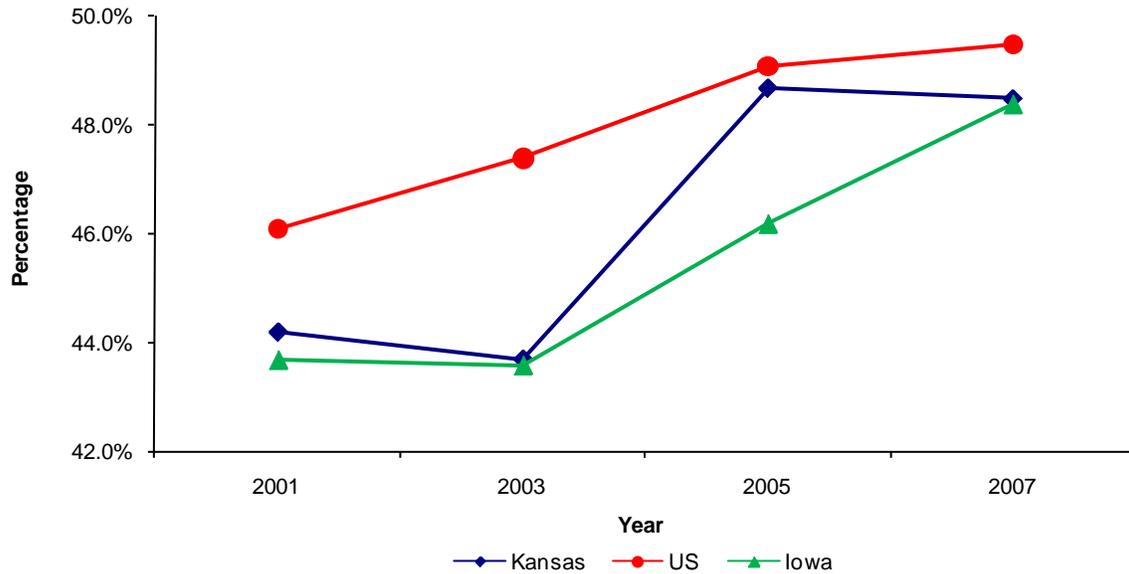


Year	Kansas	US	Iowa
2005	43.9%	43.3%	43.8%
2007	42.4%	44.7%	41.0%

Source: Youth Risk Behavior Surveillance System (YRBSS)/KDHE  
<http://apps.nccd.cdc.gov/yrbss/>

## Exercise and Physical Activity

### Percentage of Adults That Participate in Recommended Levels of Physical Activity

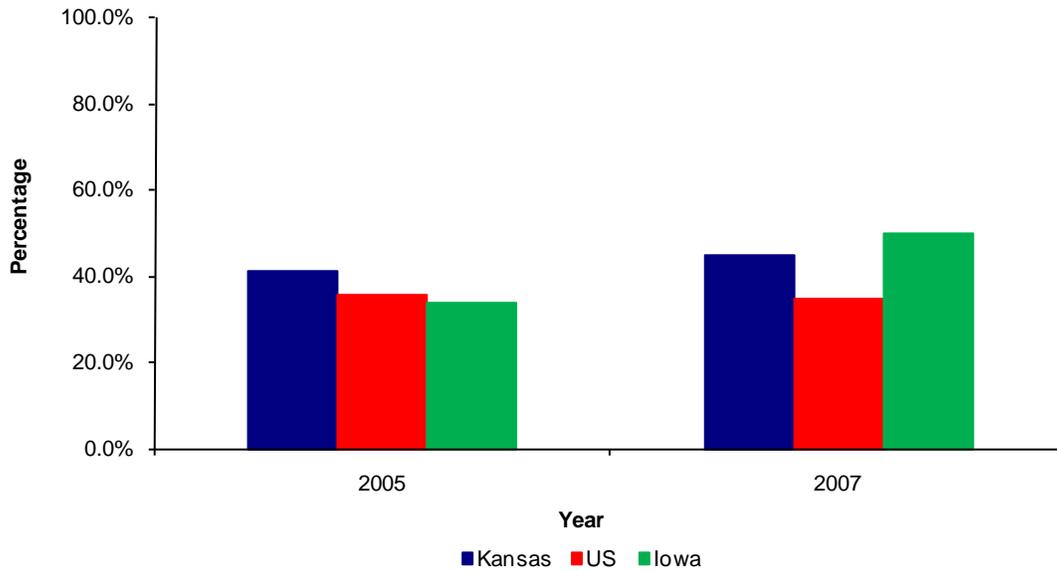


Year	Kansas	US	Iowa
2001	44.2%	46.1%	43.7%
2003	43.7%	47.4%	43.6%
2005	48.7%	49.1%	46.2%
2007	48.5%	49.5%	48.4%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

\*Measures percentage of adults (Aged 18 and older) who performed 30+ minutes of moderate physical activity five or more days per week, or vigorous physical activity for 20+ minutes three or more days per week

## Percentage of Adolescents That Participate in Recommended Levels of Physical Activity



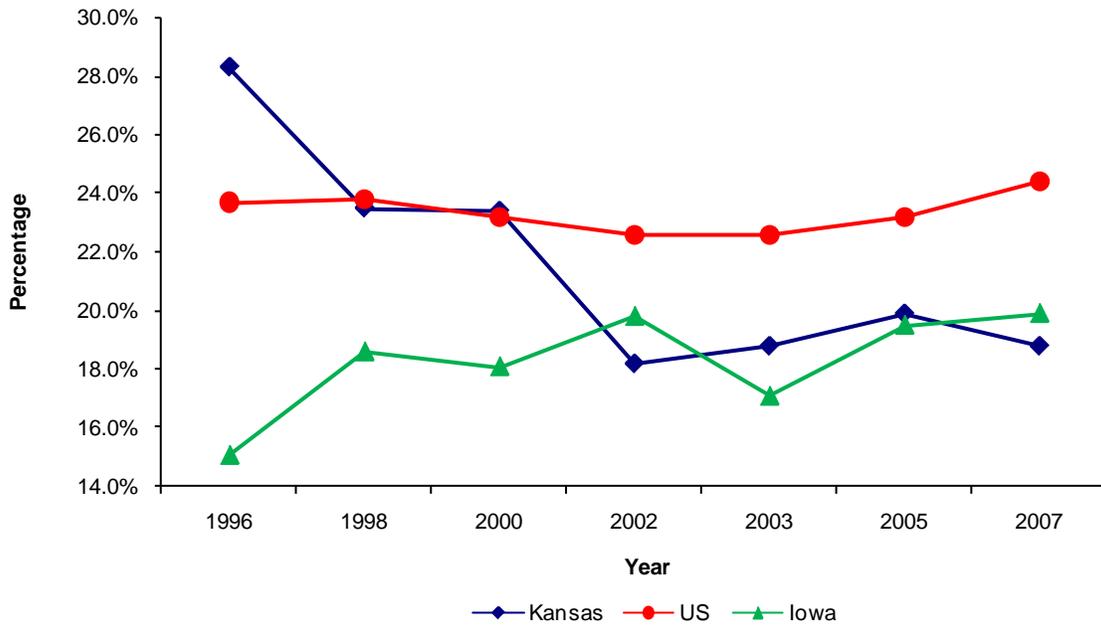
Year	Kansas	US	Iowa
2005	41.4%	35.8%	34.1%
2007	45.1%	34.7%	49.9%

Source: Youth Risk Behavior Surveillance System (YRBSS)/KDHE  
<http://apps.nccd.cdc.gov/yrbss/>

*\*Measures percentage of high school students who were physically active doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time for a total of at least 60 minutes per day on five or more of the seven days before the survey.*

# Fruit and Vegetable Consumption

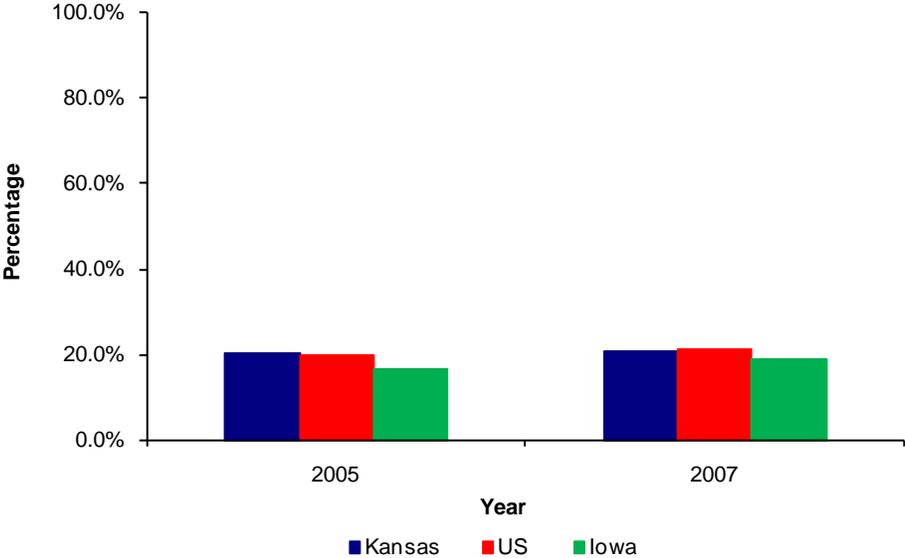
Percentage of Adults who Consume Fruits and Vegetables 5 or More Times Per Day



Year	Kansas	US	Iowa
1996	28.3%	23.7%	15.1%
1998	23.5%	23.8%	18.6%
2000	23.4%	23.2%	18.1%
2002	18.2%	22.6%	19.8%
2003	18.8%	22.6%	17.1%
2005	19.9%	23.2%	19.5%
2007	18.8%	24.4%	19.9%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

Percentage of Adolescents who Consume Fruits and Vegetables 5 or More Times Per Day



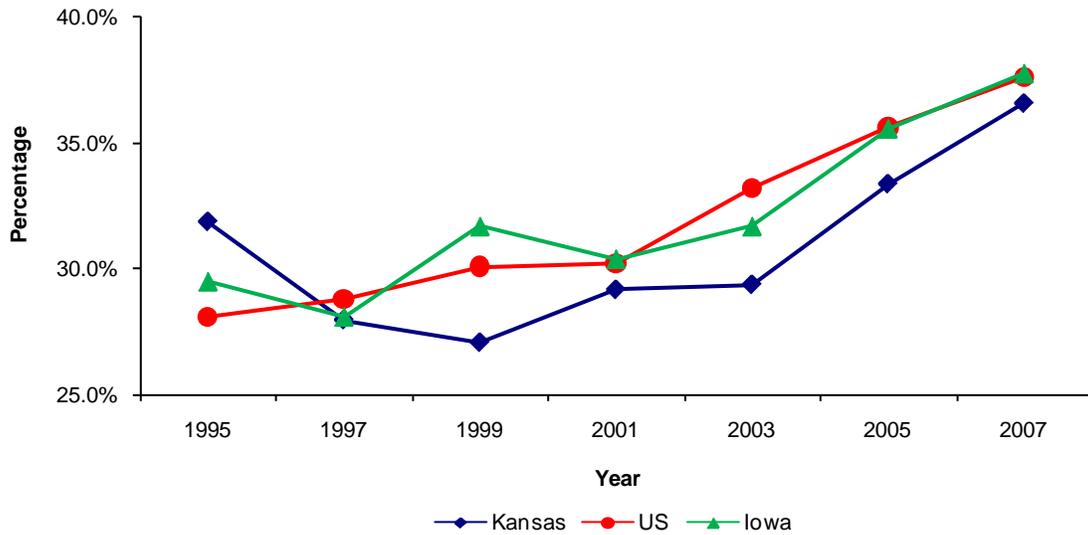
Year	Kansas	US	Iowa
2005	20.6%	20.1%	16.6%
2007	20.8%	21.4%	18.9%

Source: Youth Risk Behavior Surveillance System (YRBSS)/KDHE  
<http://apps.nccd.cdc.gov/yrbss/>

\*Measures percentage of high school students who ate fruits and vegetables (100% fruit juices, fruit, green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables) five or more times per day during the 7 days before the survey.

# Risk of Morbidity And Mortality Due to Heart Disease

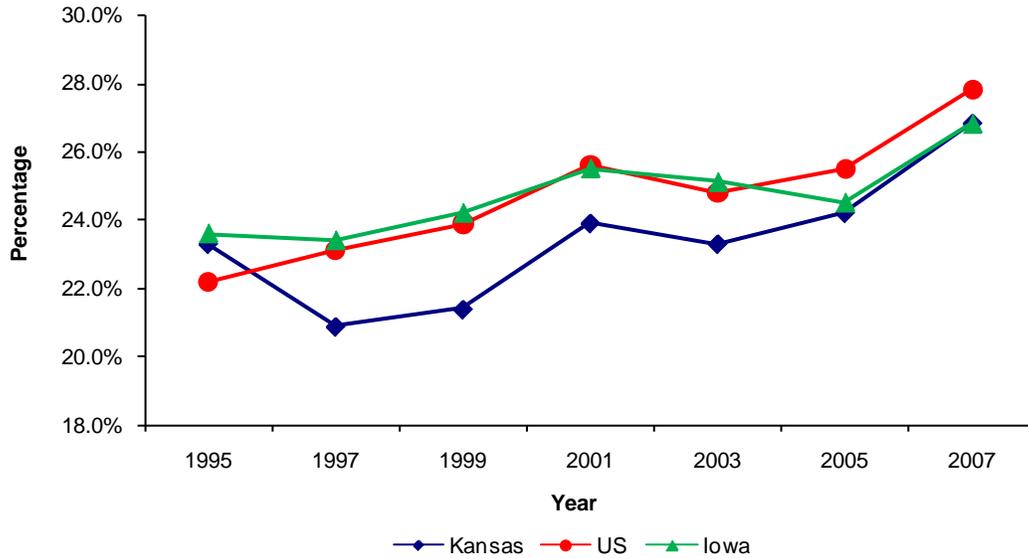
## Percentage of Adults Who Were Tested and Diagnosed With High Blood Cholesterol



Year	Kansas	US	Iowa
1995	31.9%	28.1%	29.5%
1997	28.0%	28.8%	28.1%
1999	27.1%	30.1%	31.7%
2001	29.2%	30.2%	30.4%
2003	29.4%	33.2%	31.7%
2005	33.4%	35.6%	35.6%
2007	36.6%	37.6%	37.8%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

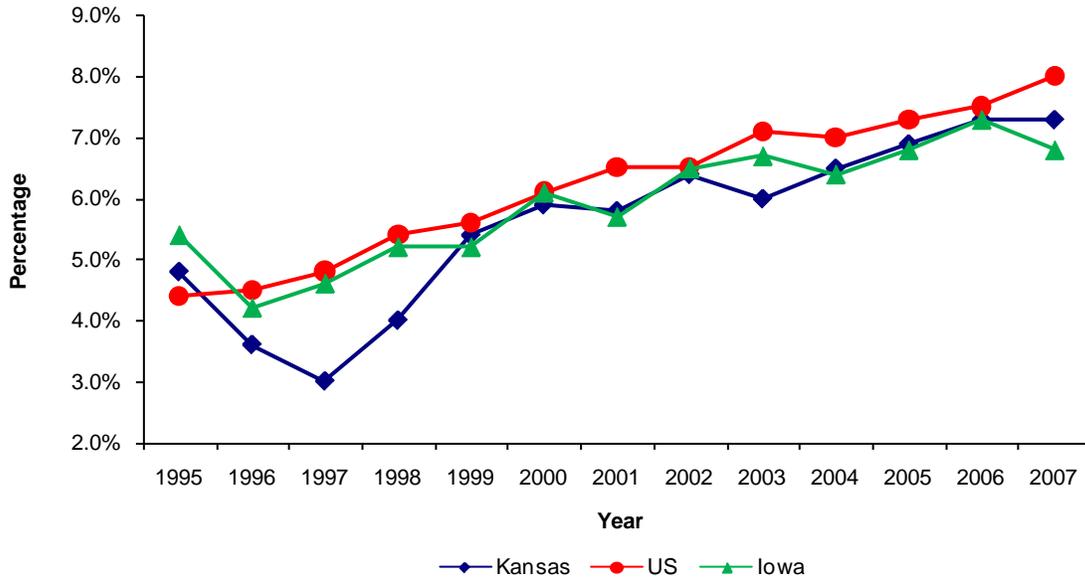
### Percentage of Adults Who Have Hypertension



Year	Kansas	US	Iowa
1995	23.3%	22.2%	23.6%
1997	20.9%	23.1%	23.4%
1999	21.4%	23.9%	24.2%
2001	23.9%	25.6%	25.5%
2003	23.3%	24.8%	25.1%
2005	24.2%	25.5%	24.5%
2007	26.8%	27.8%	26.8%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

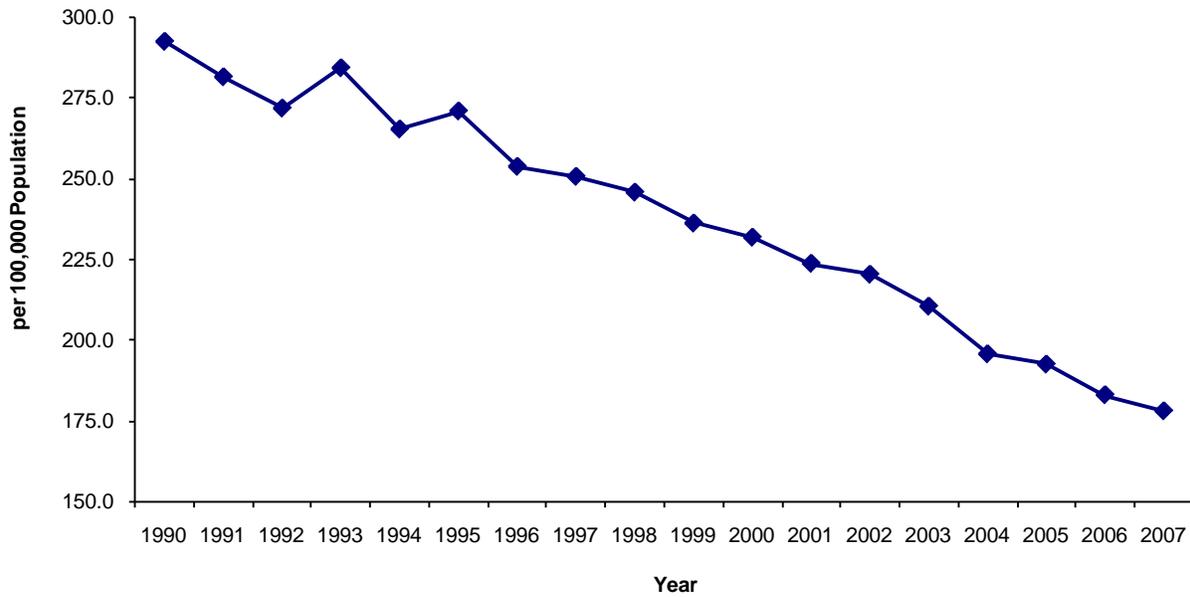
### Percentage of Diabetes in Adults Aged 18 Years and Older



Year	Kansas	US	Iowa
1995	4.8%	4.4%	5.4%
1996	3.6%	4.5%	4.2%
1997	3.0%	4.8%	4.6%
1998	4.0%	5.4%	5.2%
1999	5.4%	5.6%	5.2%
2000	5.9%	6.1%	6.1%
2001	5.8%	6.5%	5.7%
2002	6.4%	6.5%	6.5%
2003	6.0%	7.1%	6.7%
2004	6.5%	7.0%	6.4%
2005	6.9%	7.3%	6.8%
2006	7.3%	7.5%	7.3%
2007	7.3%	8.0%	6.8%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

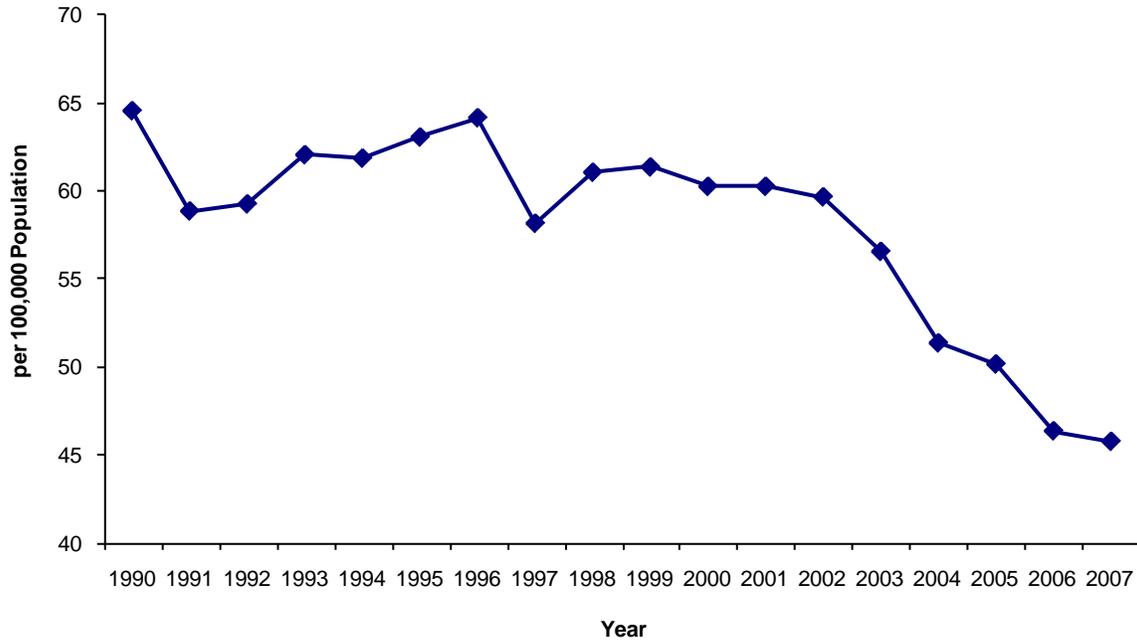
### Age Adjusted Mortality Rate for Heart Disease



Year	Kansas	Kansas Count
1990	292.7	7,634
1991	281.7	7,467
1992	272.0	7,363
1993	284.5	7,809
1994	265.5	7,395
1995	271.1	7,632
1996	253.9	7,229
1997	250.8	7,225
1998	245.9	7,164
1999	236.3	6,956
2000	231.9	6,890
2001	223.8	6,691
2002	220.4	6,639
2003	210.5	6,428
2004	195.7	6,002
2005	192.5	5,937
2006	183.0	5,831
2007	178.0	5,727

Source: Kansas Information for Communities (KIC)/KDHE  
<http://kic.kdhe.state.ks.us/kic/>

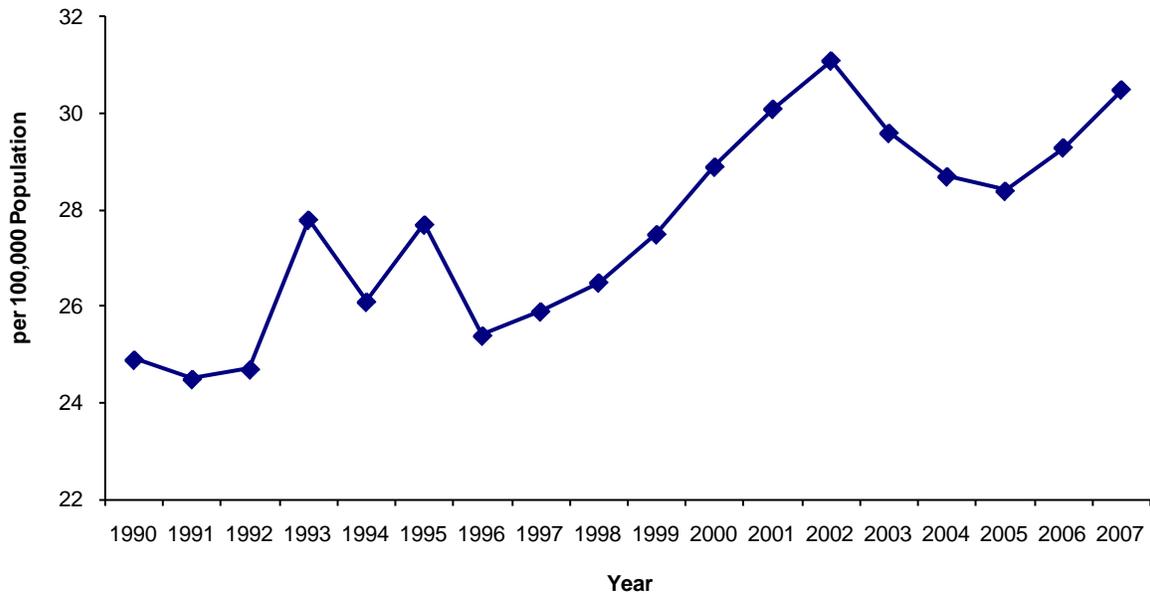
## Age Adjusted Mortality Rate for Cerebrovascular Disease (Stroke)



Year	Kansas	Kansas Count
1990	64.6	1,697
1991	58.9	1,578
1992	59.3	1,617
1993	62.1	1,730
1994	61.9	1,746
1995	63.1	1,808
1996	64.2	1,866
1997	58.2	1,709
1998	61.1	1,814
1999	61.4	1,837
2000	60.3	1,828
2001	60.3	1,842
2002	59.7	1,840
2003	56.6	1,749
2004	51.4	1,599
2005	50.2	1,565
2006	46.4	1,485
2007	45.8	1,491

Source: Kansas Information for Communities (KIC)/KDHE  
<http://kic.kdhe.state.ks.us/kic/>

### Age Adjusted Mortality Rate for Heart Failure

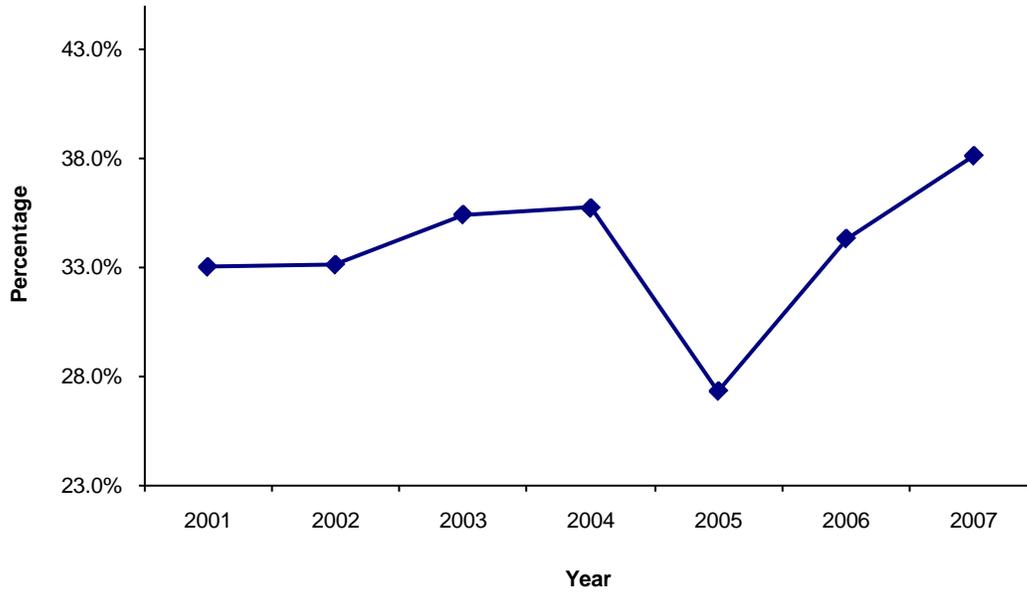


Year	Kansas	Kansas Count
1990	24.9	663
1991	24.5	664
1992	24.7	690
1993	27.8	792
1994	26.1	752
1995	27.7	812
1996	25.4	755
1997	25.9	786
1998	26.5	812
1999	27.5	853
2000	28.9	905
2001	30.1	947
2002	31.1	991
2003	29.6	947
2004	28.7	928
2005	28.4	912
2006	29.3	994
2007	30.5	1,041

Source: Kansas Information for Communities (KIC)/KDHE  
<http://kic.kdhe.state.ks.us/kic/>

# Immunization

## Percentage of Adults Aged 18 Years and Older Vaccinated Against Influenza in the Past Year

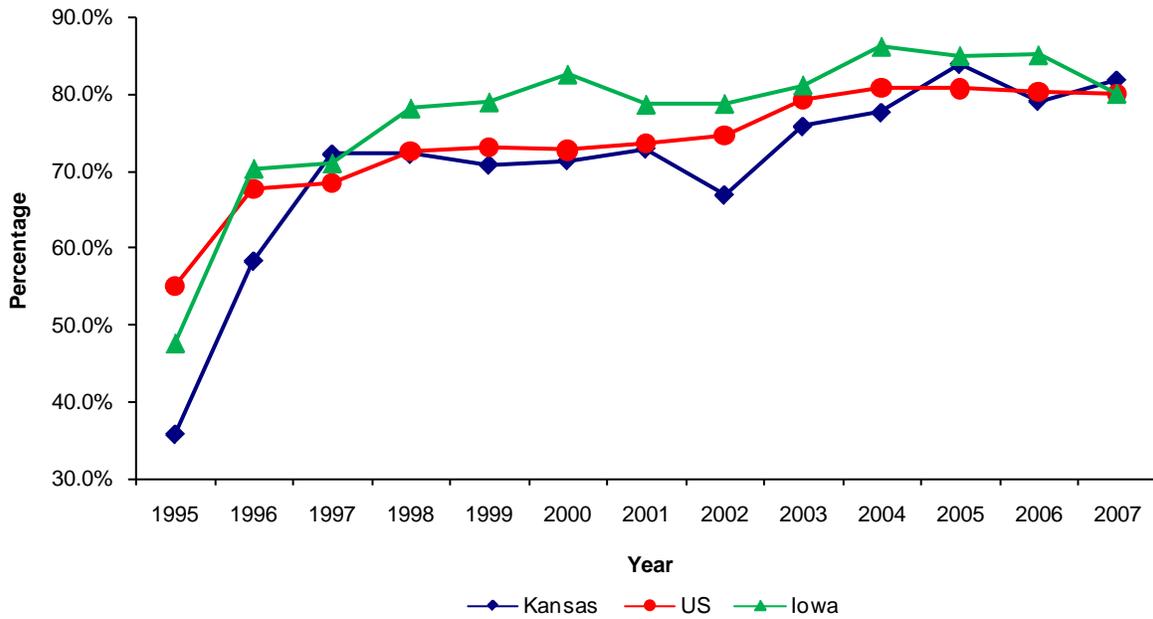


Year	Kansas
2001	33.0%
2002	33.1%
2003	35.4%
2004	35.7%
2005	27.3%
2006	34.3%
2007	38.1%

Source: Kansas Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://kdheks.gov/brfss/index.html>

\*Source data was based on individuals who received a flu shot; it did not include nasal spray vaccinations.

Percentage of Young Children Who Are Fully Immunized (4:3:1:3:3 series)



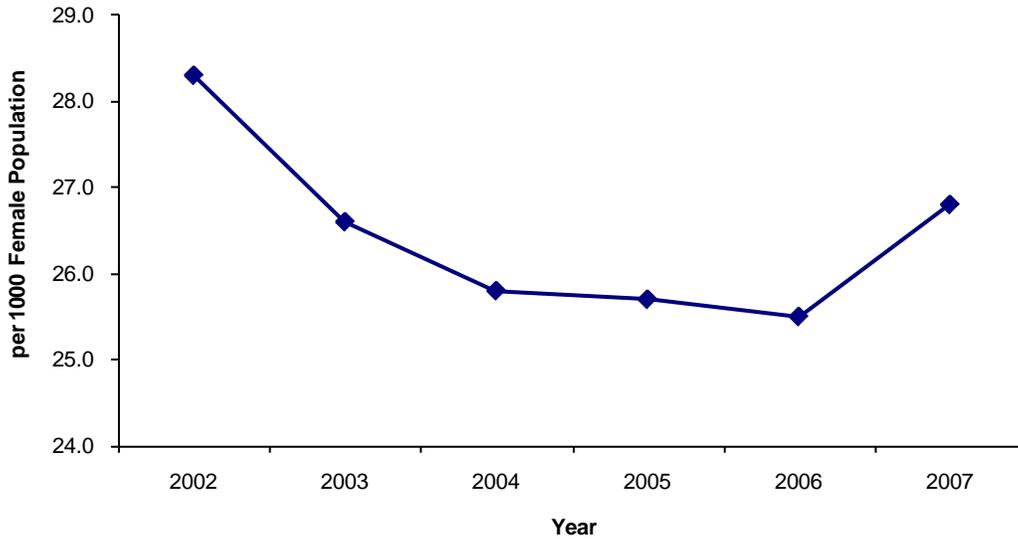
Year	Kansas	US	Iowa
1995	35.7%	55.1%	47.7%
1996	58.2%	67.7%	70.3%
1997	72.1%	68.5%	71.0%
1998	72.1%	72.7%	78.1%
1999	70.7%	73.2%	78.9%
2000	71.3%	72.8%	82.5%
2001	72.8%	73.7%	78.6%
2002	66.8%	74.8%	78.7%
2003	75.7%	79.4%	81.1%
2004	77.5%	80.9%	86.1%
2005	83.8%	80.8%	84.9%
2006	79.0%	80.5%	85.0%
2007	81.7%	80.1%	80.0%

Source: National Immunization Survey  
<http://www.cdc.gov/vaccines/stats-surv/imz-coverage.htm#nisadult>

\*Measures children aged 19-35 months who have received the full 4:3:1:3:3 series of immunizations.

## Sexual Behaviors/STD/Teen Pregnancy

Rate of Birth Among Teenagers Age 15 Through 17 Years



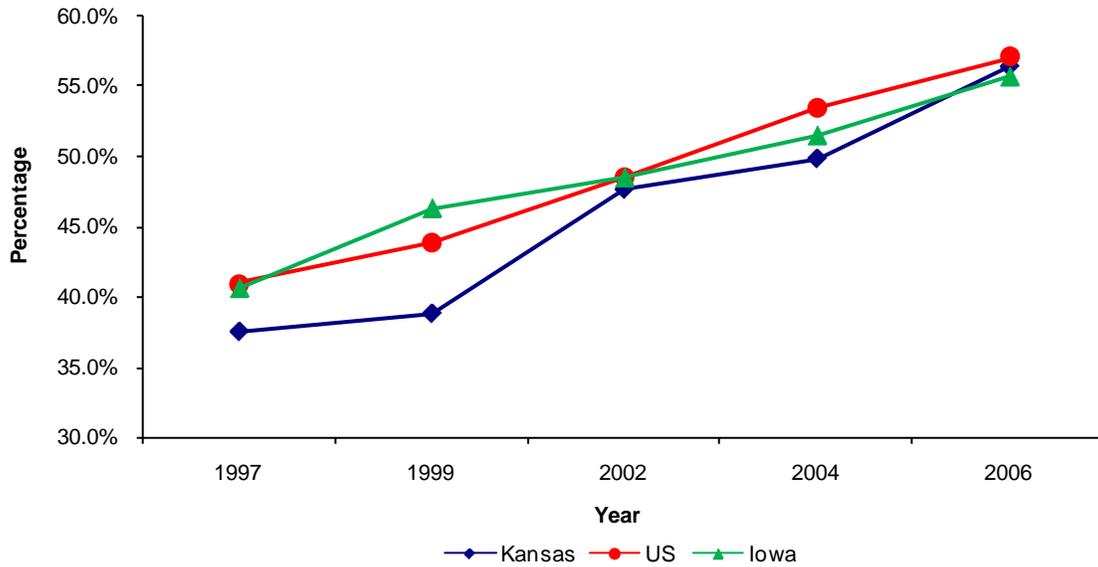
Year	Kansas
2002	28.3
2003	26.6
2004	25.8
2005	25.7
2006	25.5
2007	26.8

Source: KDHE Adolescent & Teenage Pregnancy Report  
<http://www.kdheks.gov/hci/teenpreg.html>

\*Teenage pregnancies include the sum of live births, stillbirths, and abortions.

# Health Screening for Chronic And Infectious Diseases

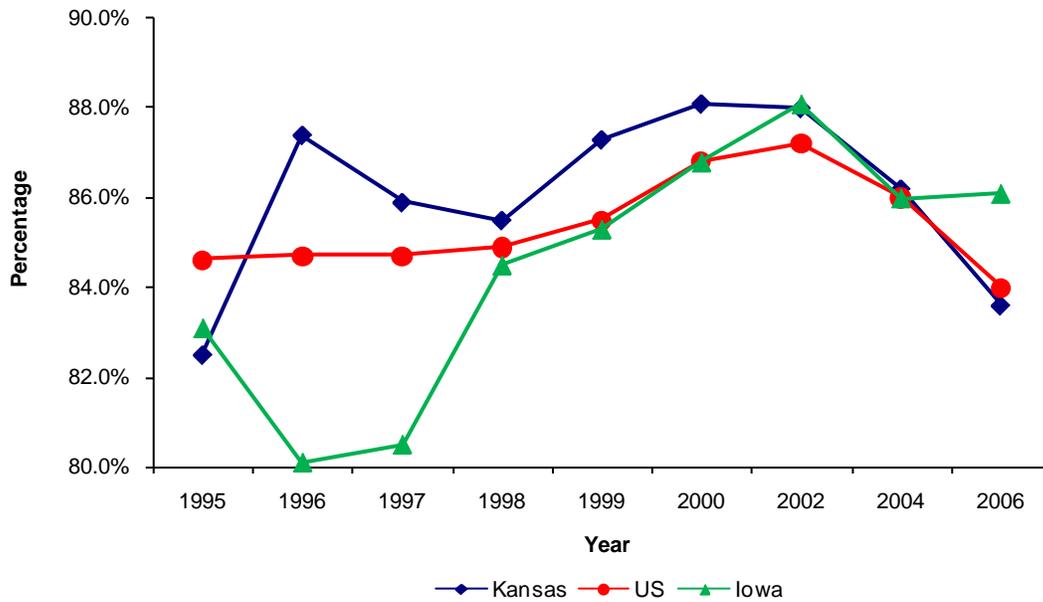
## Percentage of Adults 50 Years and Older Who Reported They Had a Colonoscopy



Year	Kansas	US	Iowa
1997	37.5%	41.0%	40.7%
1999	38.8%	43.9%	46.4%
2002	47.7%	48.6%	48.6%
2004	49.9%	53.5%	51.6%
2006	56.5%	57.1%	55.8%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

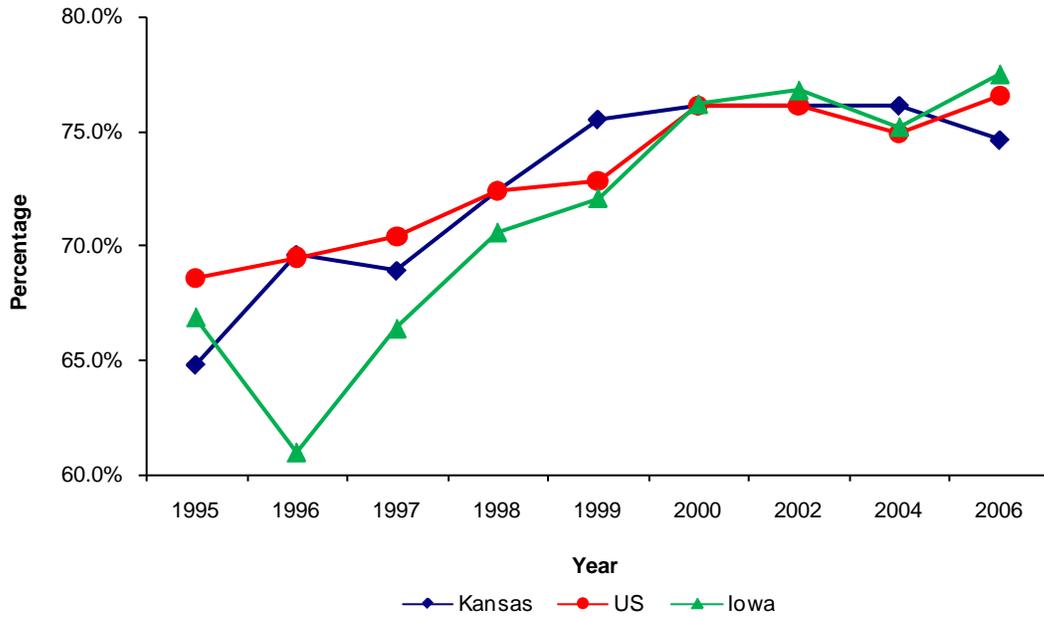
Percentage of Women 18 Years & Older Who Reported They Had a Papanicolaou Smear Test (PAP Test)



Year	Kansas	US	Iowa
1995	82.5%	84.6%	83.1%
1996	87.4%	84.7%	80.1%
1997	85.9%	84.7%	80.5%
1998	85.5%	84.9%	84.5%
1999	87.3%	85.5%	85.3%
2000	88.1%	86.8%	86.8%
2002	88.0%	87.2%	88.1%
2004	86.2%	86.0%	86.0%
2006	83.6%	84.0%	86.1%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

## Percentage of Women 40 Years & Older Who Reported They Had a Mammogram

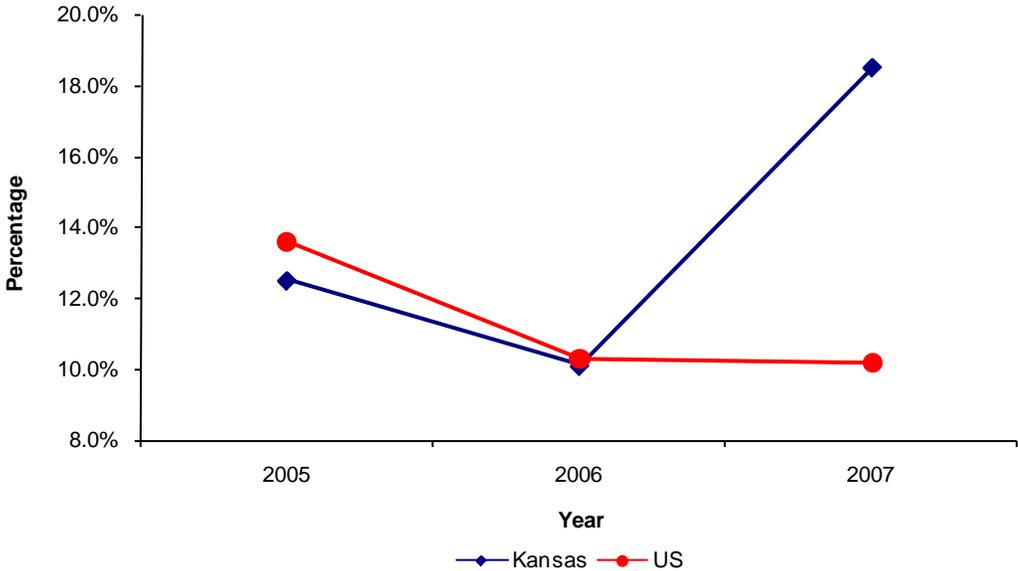


Year	Kansas	US	Iowa
1995	64.8%	68.6%	66.9%
1996	69.6%	69.5%	61.0%
1997	68.9%	70.4%	66.4%
1998	72.4%	72.4%	70.6%
1999	75.5%	72.8%	72.1%
2000	76.1%	76.1%	76.2%
2002	76.1%	76.1%	76.8%
2004	76.1%	74.9%	75.2%
2006	74.6%	76.5%	77.5%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

# Maternal and Child Health

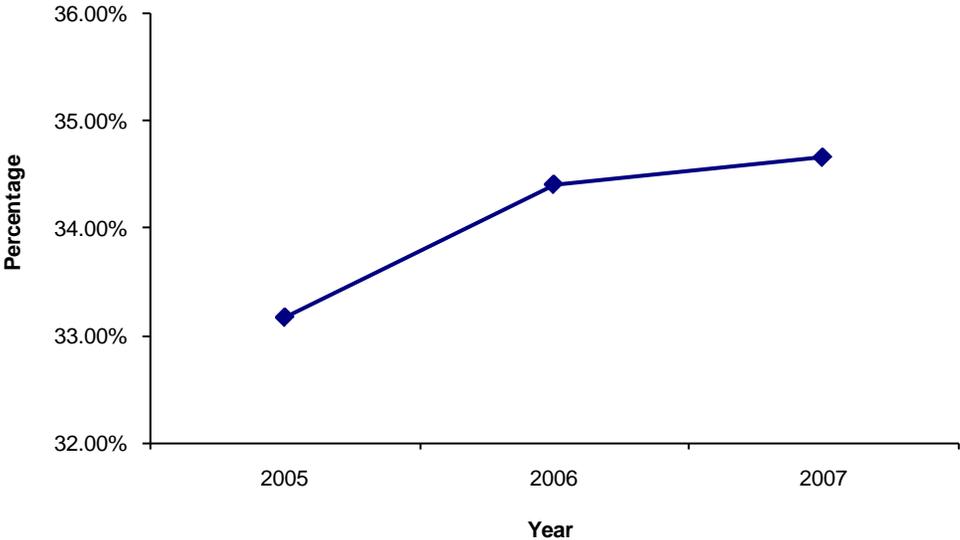
## Proportion of Babies in the WIC Program Who Are Breast-Fed Exclusively At the Age of 3 Months



Year	Kansas	US
2005	12.5%	13.6%
2006	10.1%	10.3%
2007	18.5%	10.2%

Source: CDC Pediatric & Pregnancy Nutrition Surveillance System  
<http://www.cdc.gov/pednss/>

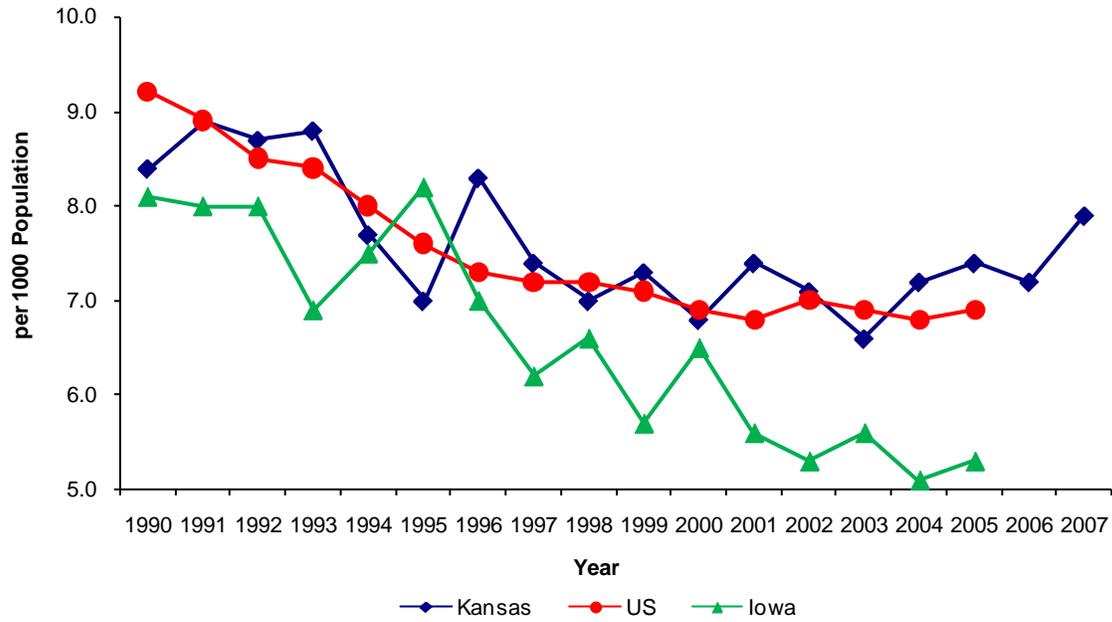
Proportion of Medicaid Eligible Children Who Received Any Dental Services During a Year



Year	Kansas
2005	33.18%
2006	34.42%
2007	34.67%

Source: Decision Support System Database (DSS)

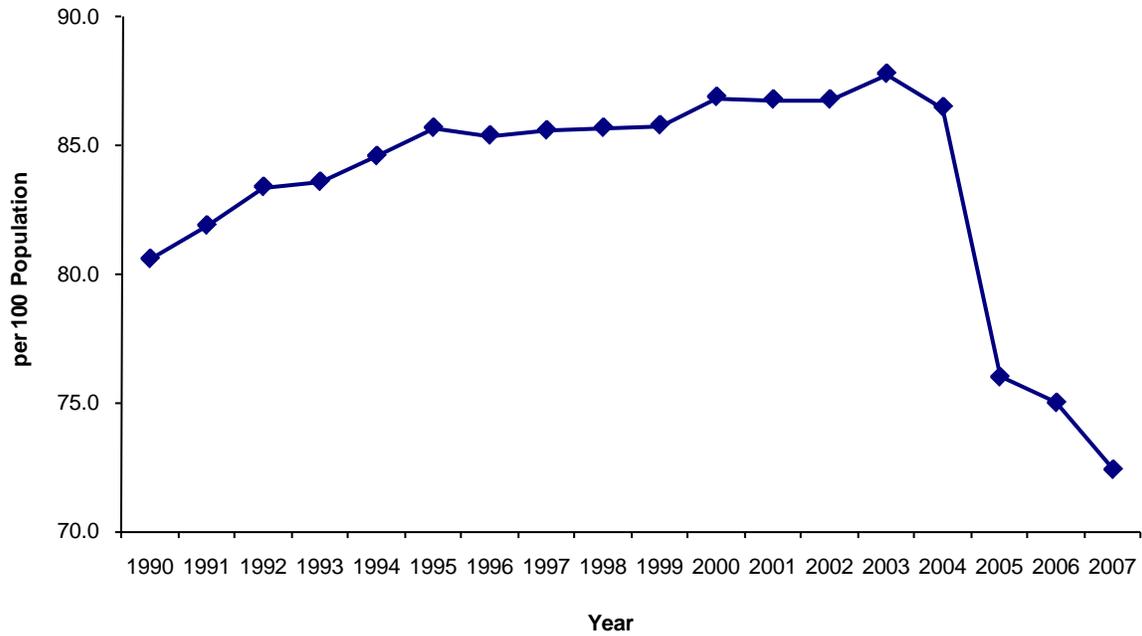
## Infant Mortality Rate



Year	Kansas	US	Iowa
1990	8.4	9.2	8.1
1991	8.9	8.9	8.0
1992	8.7	8.5	8.0
1993	8.8	8.4	6.9
1994	7.7	8.0	7.5
1995	7.0	7.6	8.2
1996	8.3	7.3	7.0
1997	7.4	7.2	6.2
1998	7.0	7.2	6.6
1999	7.3	7.1	5.7
2000	6.8	6.9	6.5
2001	7.4	6.8	5.6
2002	7.1	7.0	5.3
2003	6.6	6.9	5.6
2004	7.2	6.8	5.1
2005	7.4	6.9	5.3
2006	7.2	N/A	N/A
2007	7.9	N/A	N/A

Source: Kids Count (1990-2005), Kansas Information for Communities/KDHE (2006-2007)  
[http://www.kidscount.org/datacenter/compare\\_results.jsp?i=70](http://www.kidscount.org/datacenter/compare_results.jsp?i=70)  
<http://kic.kdhe.state.ks.us/kic/>

**Proportion of Pregnant Women Who Receive Prenatal Care in the First Trimester of Pregnancy**

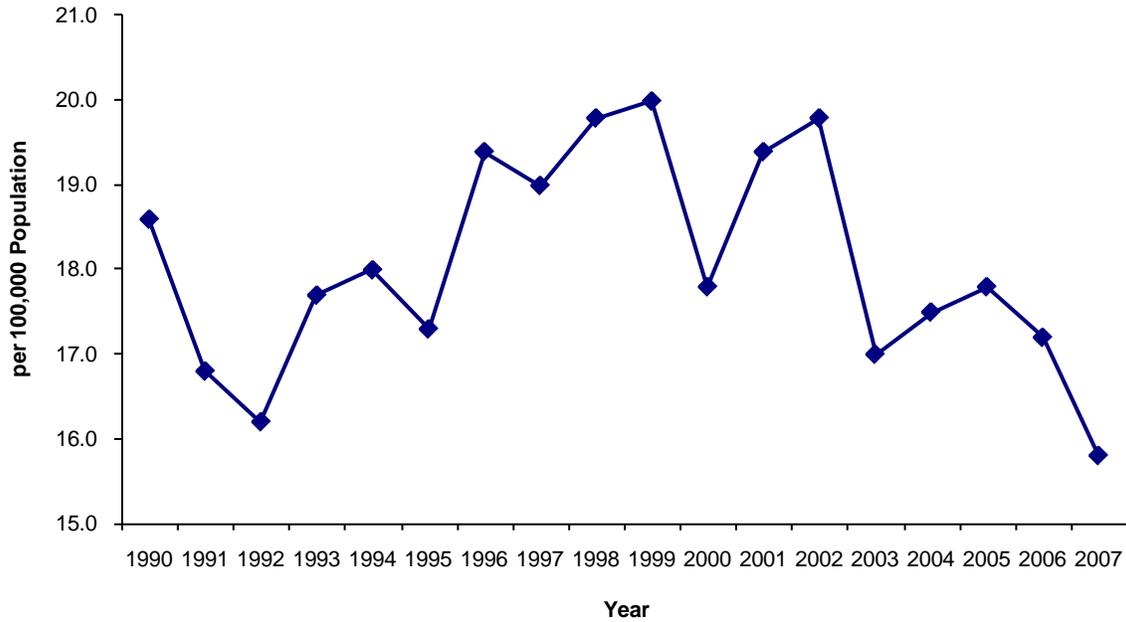


Year	Kansas	Kansas Count
1990	80.6	31,296
1991	81.9	30,819
1992	83.4	31,526
1993	83.6	31,127
1994	84.6	31,461
1995	85.7	31,651
1996	85.4	31,102
1997	85.6	31,667
1998	85.7	32,691
1999	85.8	33,058
2000	86.9	34,216
2001	86.8	33,410
2002	86.8	33,874
2003	87.8	34,298
2004	86.5	33,967
2005	76.0	27,687
2006	75.0	28,286
2007	72.4	28,677

Source: Kansas Information for Communities (KIC)/KDHE  
<http://kic.kdhe.state.ks.us/kic/>

# Injury and Violence

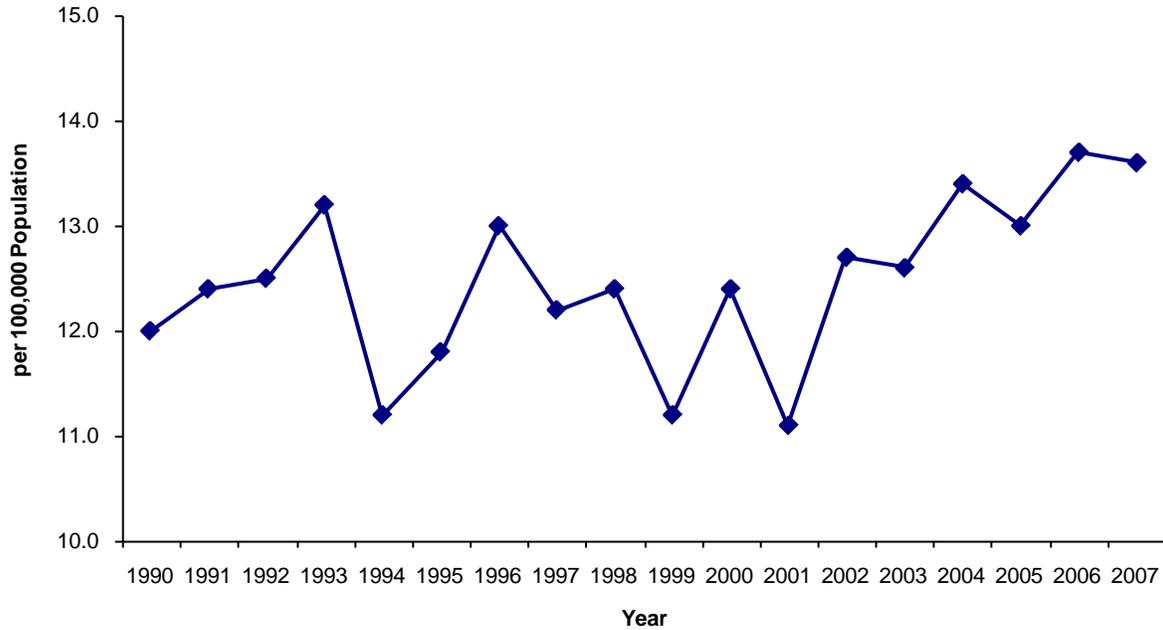
## Age Adjusted Mortality Rates for Motor Vehicle Traffic Accidents



Year	Kansas	Kansas Count
1990	18.6	472
1991	16.8	427
1992	16.2	416
1993	17.7	457
1994	18.0	467
1995	17.3	454
1996	19.4	513
1997	19.0	505
1998	19.8	533
1999	20.0	541
2000	17.8	485
2001	19.4	534
2002	19.8	547
2003	17.0	474
2004	17.5	487
2005	17.8	494
2006	17.2	485
2007	15.8	444

Source: Kansas Information for Communities (KIC)/KDHE  
<http://kic.kdhe.state.ks.us/kic/>

## Suicide Death Rate



Year	Kansas	Kansas Count
1990	12.0	296
1991	12.4	304
1992	12.5	310
1993	13.2	332
1994	11.2	288
1995	11.8	308
1996	13.0	339
1997	12.2	321
1998	12.4	328
1999	11.2	298
2000	12.4	331
2001	11.1	297
2002	12.7	346
2003	12.6	344
2004	13.4	368
2005	13.0	357
2006	13.7	377
2007	13.6	380

Source: Kansas Information for Communities (KIC)/KDHE  
<http://kic.kdhe.state.ks.us/kic/>

**Percent of Trauma Patients Transferred From Emergency Department to Another Acute Care Facility Within 6 Hours (elapsed time between emergency department arrival and discharge to another acute care facility does not exceed 6 hours)**

Data	
Year	Kansas
2006	91.0%

*Source: Kansas Trauma Registry*

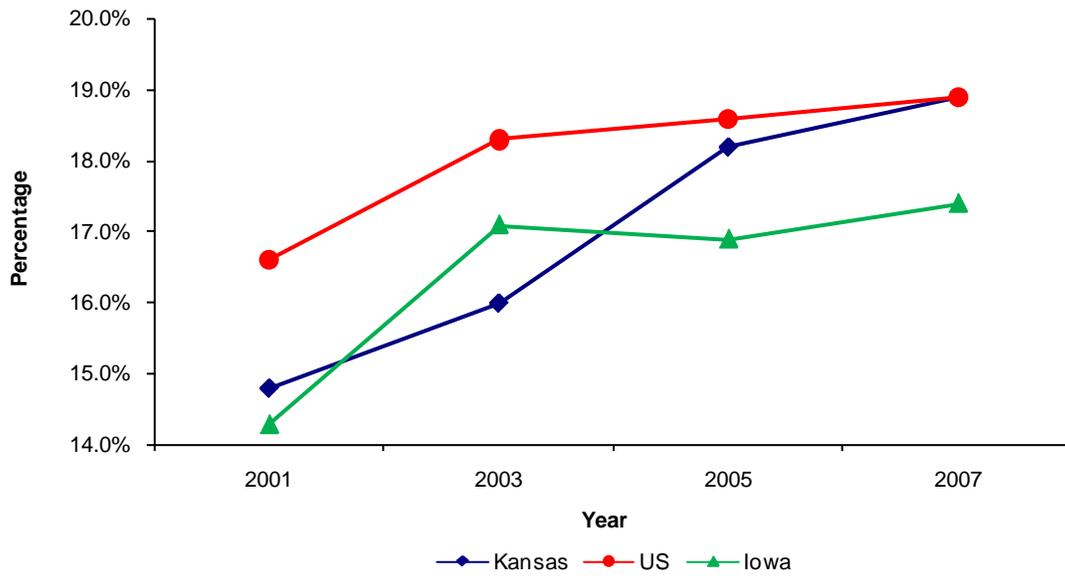
Percent of Patients With Suspected Traumatic Brain Injury (Moderate to Severe Coma, GCS Less Than 12) Transferred to a Level 1 or 2 Trauma Center for Treatment

Data	
Year	Kansas
2006	83.4%

*Source: Kansas Trauma Registry*

# Disability

Percentage of Adults Who are Limited in Any Activities Because of Physical, Mental, or Emotional Problems

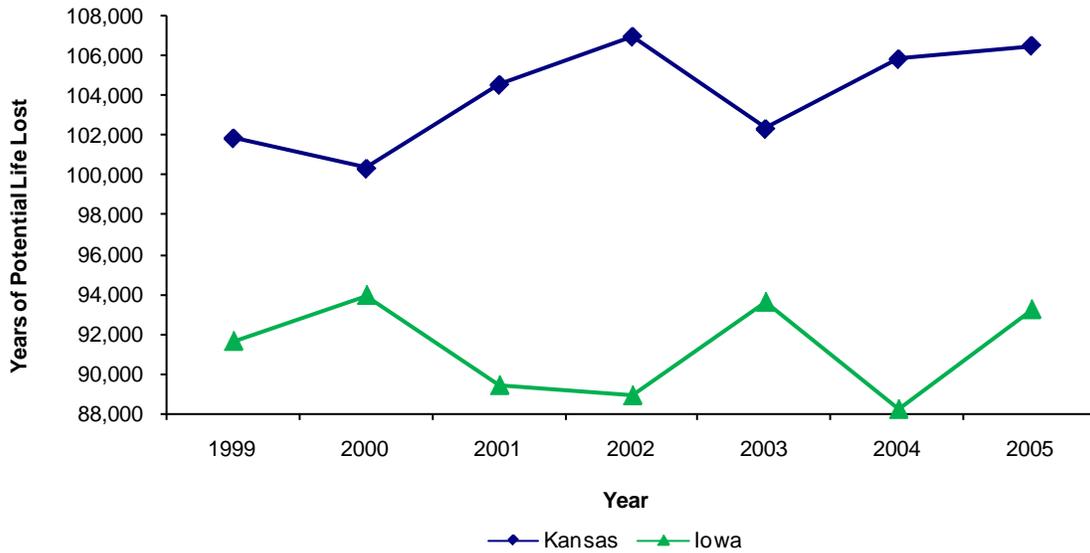


Year	Kansas	US	Iowa
2001	14.8%	16.6%	14.3%
2003	16.0%	18.3%	17.1%
2005	18.2%	18.6%	16.9%
2007	18.9%	18.9%	17.4%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

## General Health

Years of Potential Life Lost (YPLL)



Year	Kansas	Iowa
1999	101,881	91,683
2000	100,364	93,975
2001	104,549	89,488
2002	106,955	88,981
2003	102,346	93,632
2004	105,834	88,298
2005	106,505	93,260

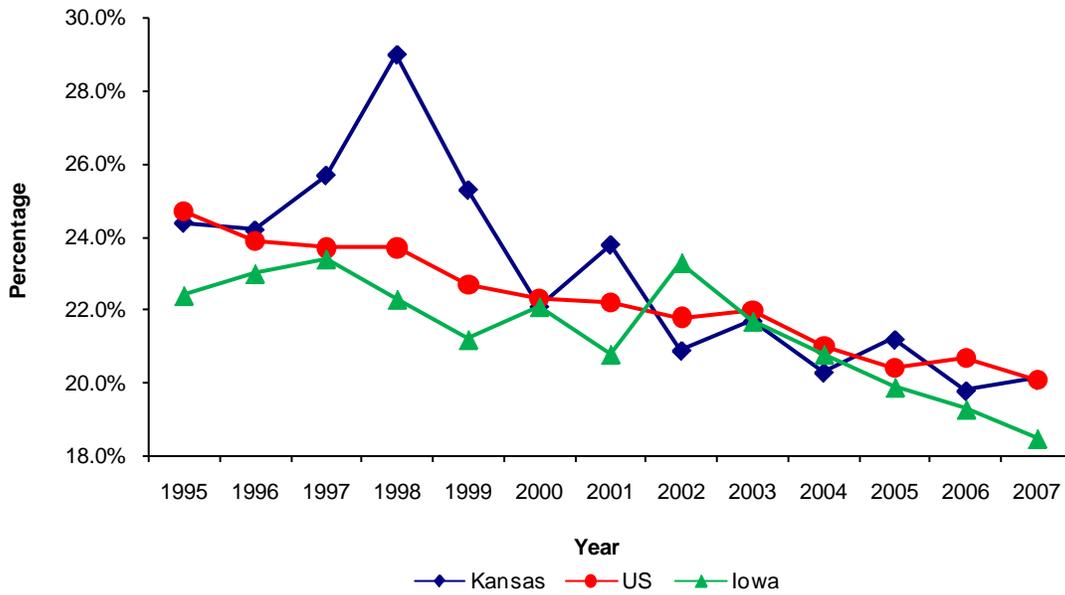
Source: Web-based Injury Statistics Query and Reporting System (WISQARS)

<http://webapp.cdc.gov/sasweb/ncipc/ypll10.html>

\*YPLL = 65 - Age at time of death (all deaths under 65 years of age)

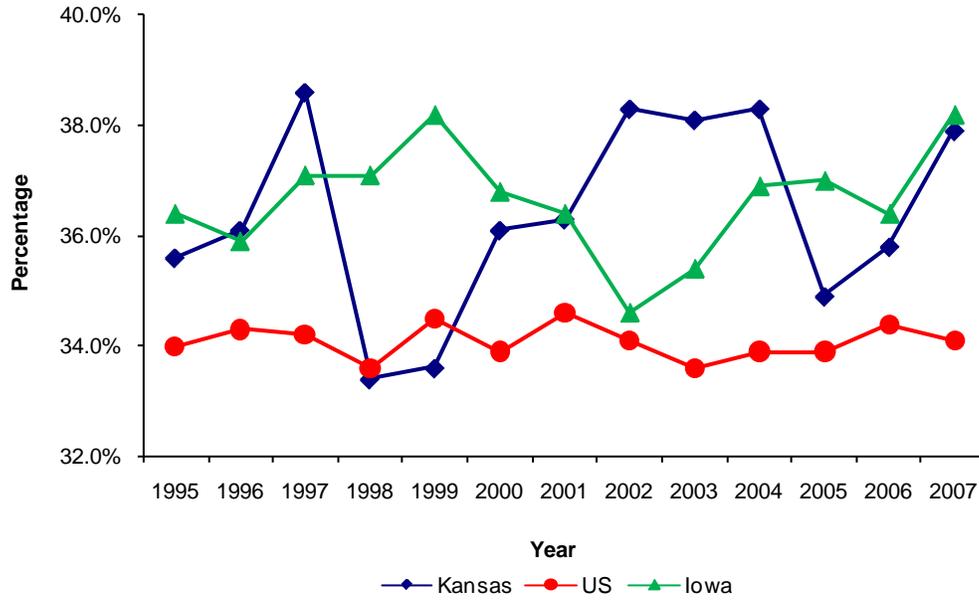
Percentage of Adults Who Reported That in General Their Health Is:

*Excellent*



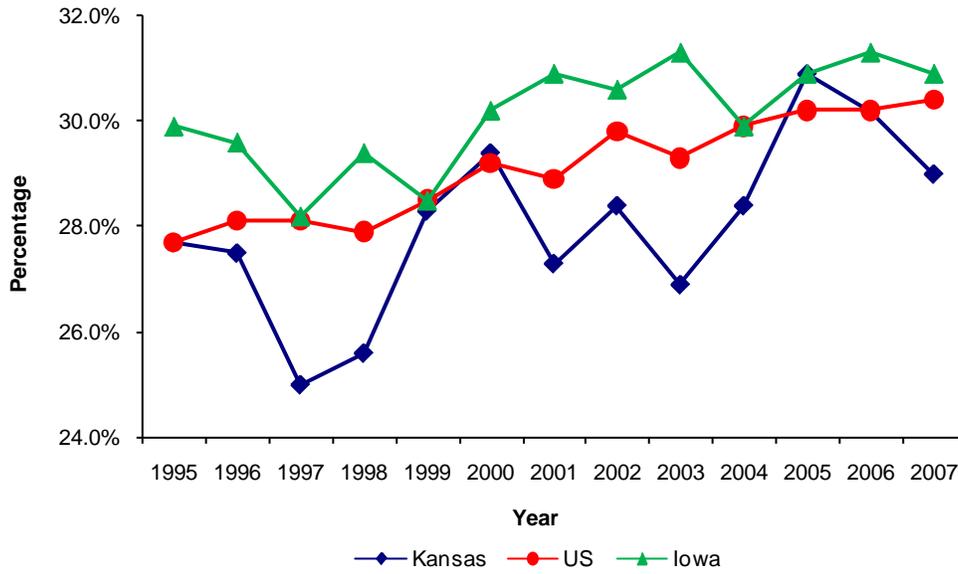
Year	Kansas	US	Iowa
1995	24.4%	24.7%	22.4%
1996	24.2%	23.9%	23.0%
1997	25.7%	23.7%	23.4%
1998	29.0%	23.7%	22.3%
1999	25.3%	22.7%	21.2%
2000	22.1%	22.3%	22.1%
2001	23.8%	22.2%	20.8%
2002	20.9%	21.8%	23.3%
2003	21.7%	22.0%	21.7%
2004	20.3%	21.0%	20.8%
2005	21.2%	20.4%	19.9%
2006	19.8%	20.7%	19.3%
2007	20.1%	20.1%	18.5%

*Very Good*



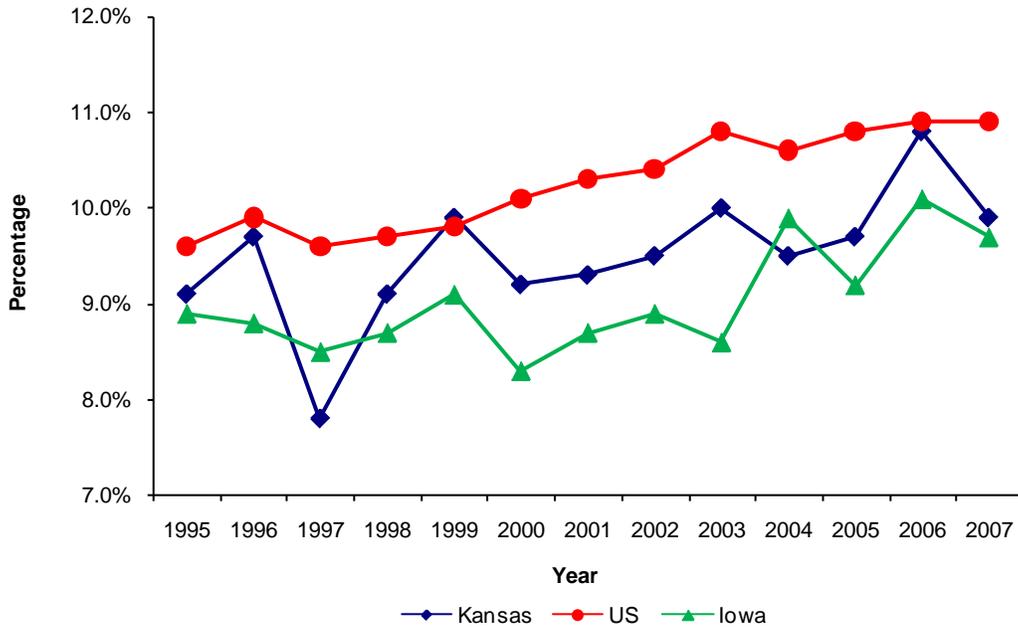
Year	Kansas	US	Iowa
1995	35.6%	34.0%	36.4%
1996	36.1%	34.3%	35.9%
1997	38.6%	34.2%	37.1%
1998	33.4%	33.6%	37.1%
1999	33.6%	34.5%	38.2%
2000	36.1%	33.9%	36.8%
2001	36.3%	34.6%	36.4%
2002	38.3%	34.1%	34.6%
2003	38.1%	33.6%	35.4%
2004	38.3%	33.9%	36.9%
2005	34.9%	33.9%	37.0%
2006	35.8%	34.4%	36.4%
2007	37.9%	34.1%	38.2%

*Good*



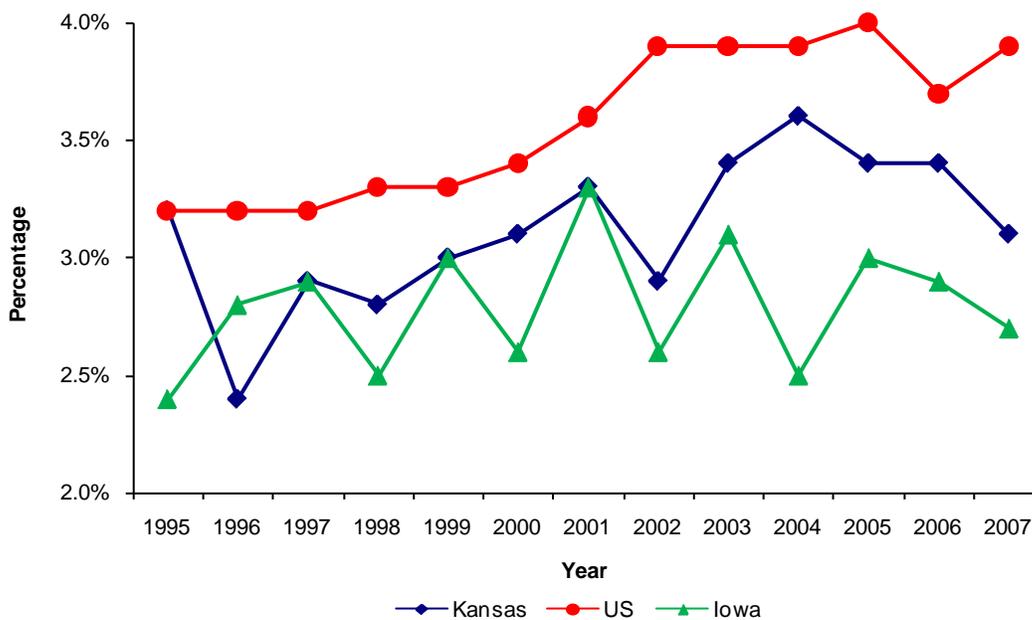
Year	Kansas	US	Iowa
1995	27.7%	27.7%	29.9%
1996	27.5%	28.1%	29.6%
1997	25.0%	28.1%	28.2%
1998	25.6%	27.9%	29.4%
1999	28.3%	28.5%	28.5%
2000	29.4%	29.2%	30.2%
2001	27.3%	28.9%	30.9%
2002	28.4%	29.8%	30.6%
2003	26.9%	29.3%	31.3%
2004	28.4%	29.9%	29.9%
2005	30.9%	30.2%	30.9%
2006	30.2%	30.2%	31.3%
2007	29.0%	30.4%	30.9%

*Fair*



Year	Kansas	US	Iowa
1995	9.1%	9.6%	8.9%
1996	9.7%	9.9%	8.8%
1997	7.8%	9.6%	8.5%
1998	9.1%	9.7%	8.7%
1999	9.9%	9.8%	9.1%
2000	9.2%	10.1%	8.3%
2001	9.3%	10.3%	8.7%
2002	9.5%	10.4%	8.9%
2003	10.0%	10.8%	8.6%
2004	9.5%	10.6%	9.9%
2005	9.7%	10.8%	9.2%
2006	10.8%	10.9%	10.1%
2007	9.9%	10.9%	9.7%

Poor

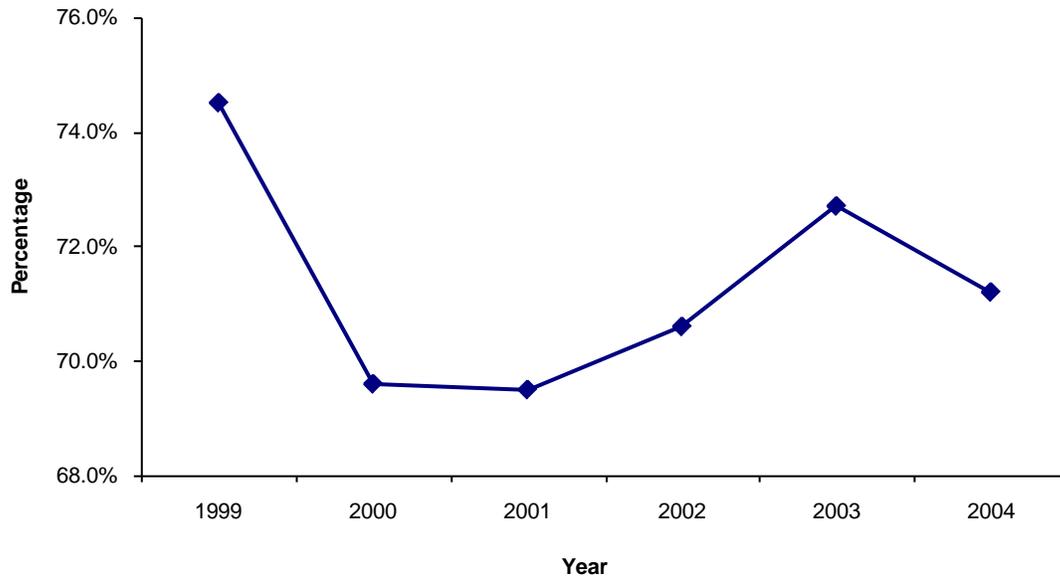


Year	Kansas	US	Iowa
1995	3.2%	3.2%	2.4%
1996	2.4%	3.2%	2.8%
1997	2.9%	3.2%	2.9%
1998	2.8%	3.3%	2.5%
1999	3.0%	3.3%	3.0%
2000	3.1%	3.4%	2.6%
2001	3.3%	3.6%	3.3%
2002	2.9%	3.9%	2.6%
2003	3.4%	3.9%	3.1%
2004	3.6%	3.9%	2.5%
2005	3.4%	4.0%	3.0%
2006	3.4%	3.7%	2.9%
2007	3.1%	3.9%	2.7%

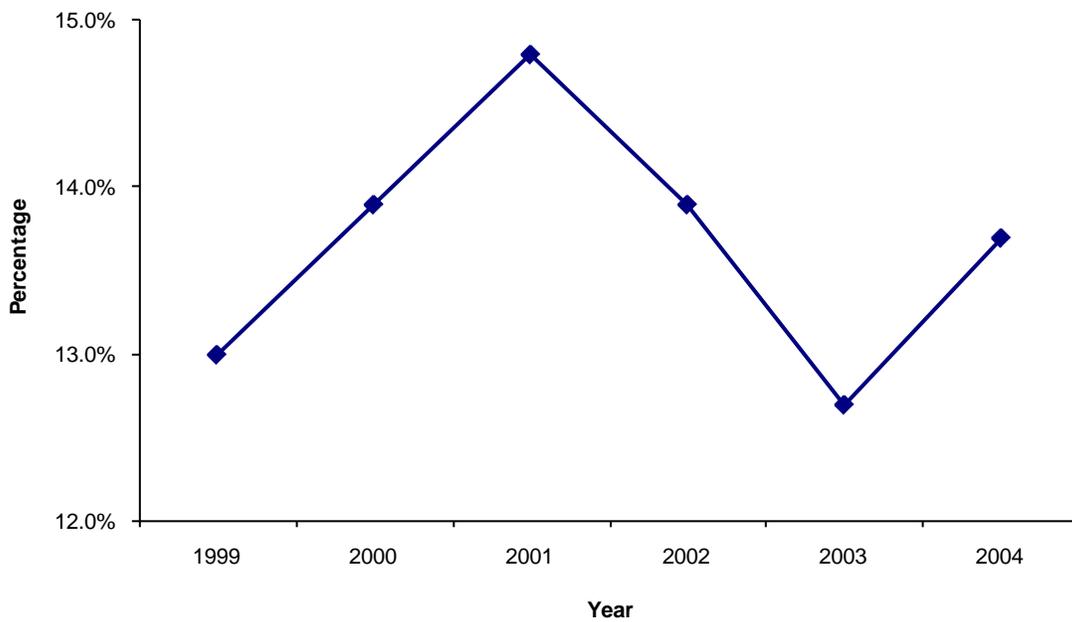
Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

Percentage of Adults Who Reported That During the Past 30 Days Their Mental Health Was Not Good (Mental Health, Which Includes Stress, Depression, and Problems With Emotions) For:

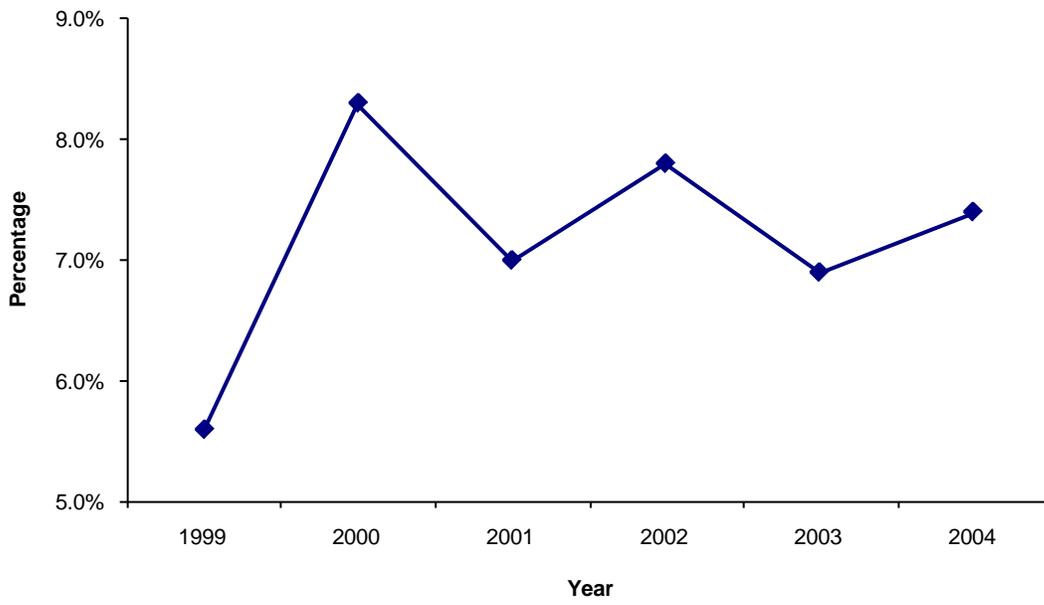
*0 Days*



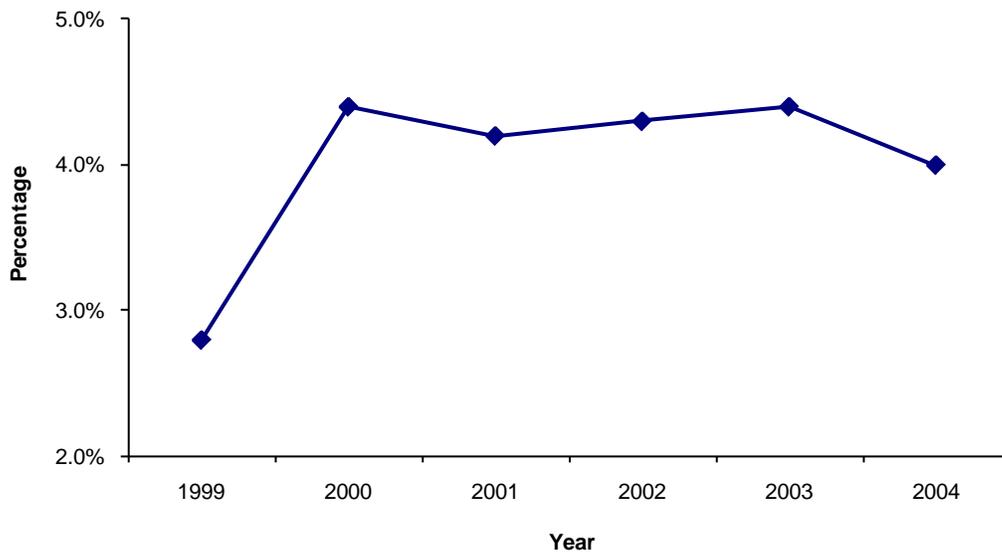
*1-4 days*



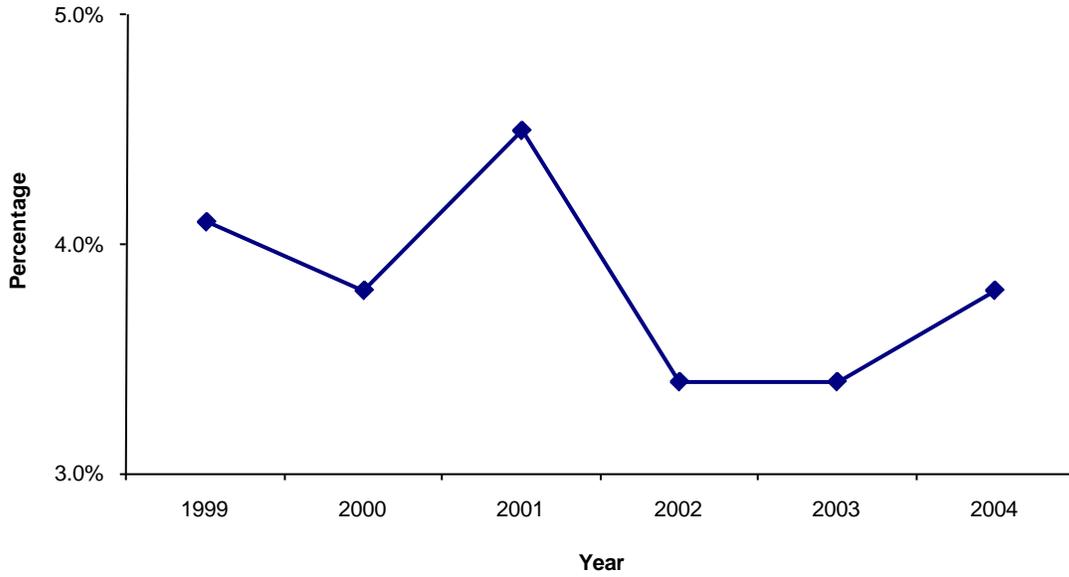
*5-13 Days*



*14-29 Days*



**30 Days**



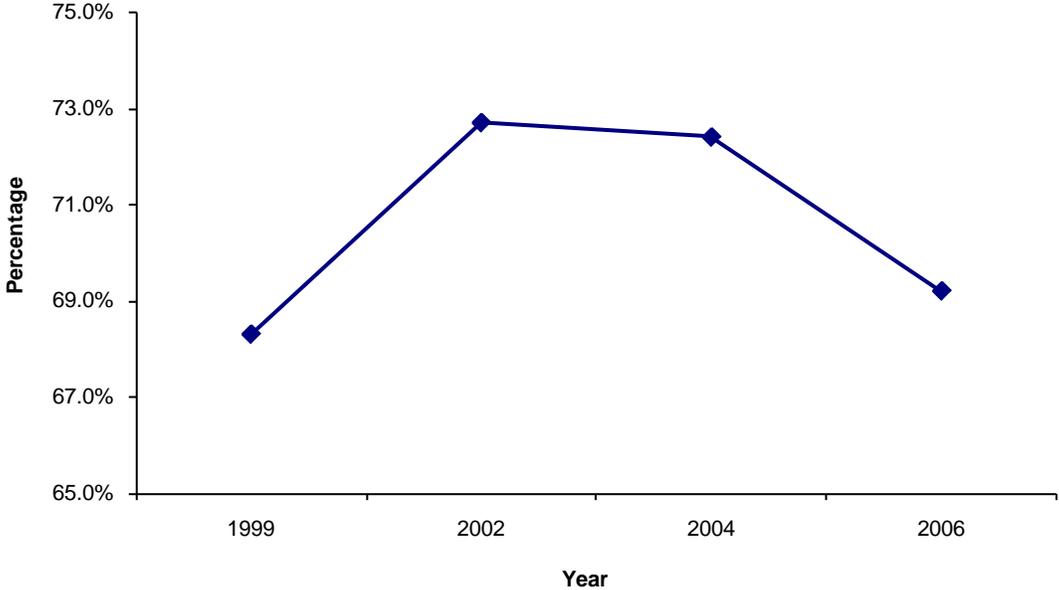
Year	0 Days	1-4 Days	5-13 Days	14-29 Days	30 Days
1999	74.5%	13.0%	5.6%	2.8%	4.1%
2000	69.6%	13.9%	8.3%	4.4%	3.8%
2001	69.5%	14.8%	7.0%	4.2%	4.5%
2002	70.6%	13.9%	7.8%	4.3%	3.4%
2003	72.7%	12.7%	6.9%	4.4%	3.4%
2004	71.2%	13.7%	7.4%	4.0%	3.8%

Source: Kansas Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://kdheks.gov/brfss/index.html>

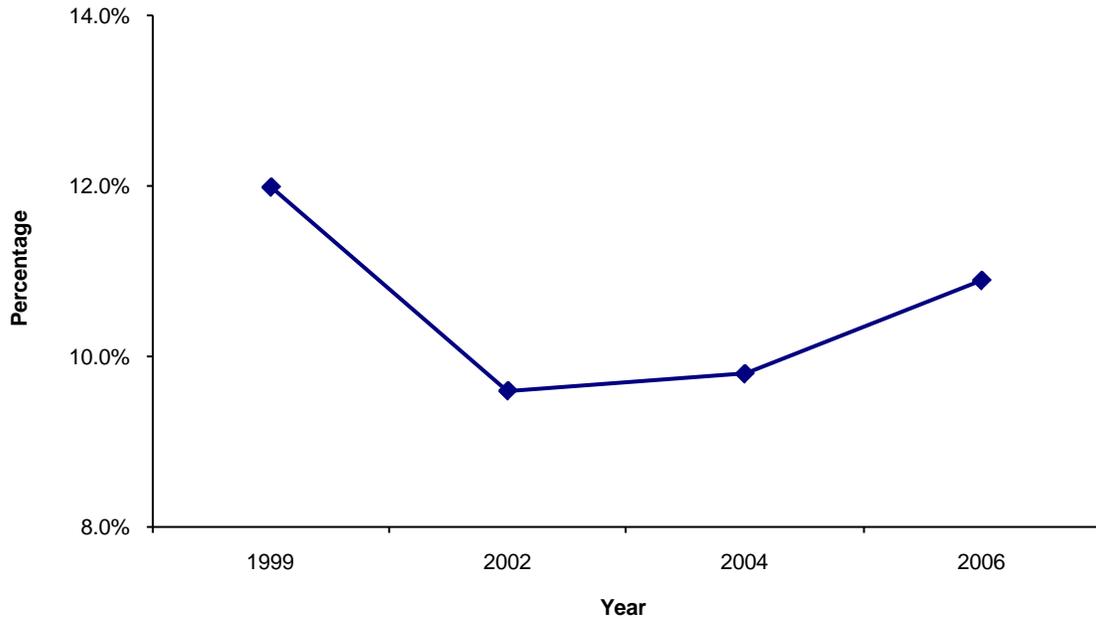
# Oral Health

Percentage of Adults Who Visited a Dentist or a Dental Clinic For Any Reason (this includes visits to dental specialists, such as orthodontists):

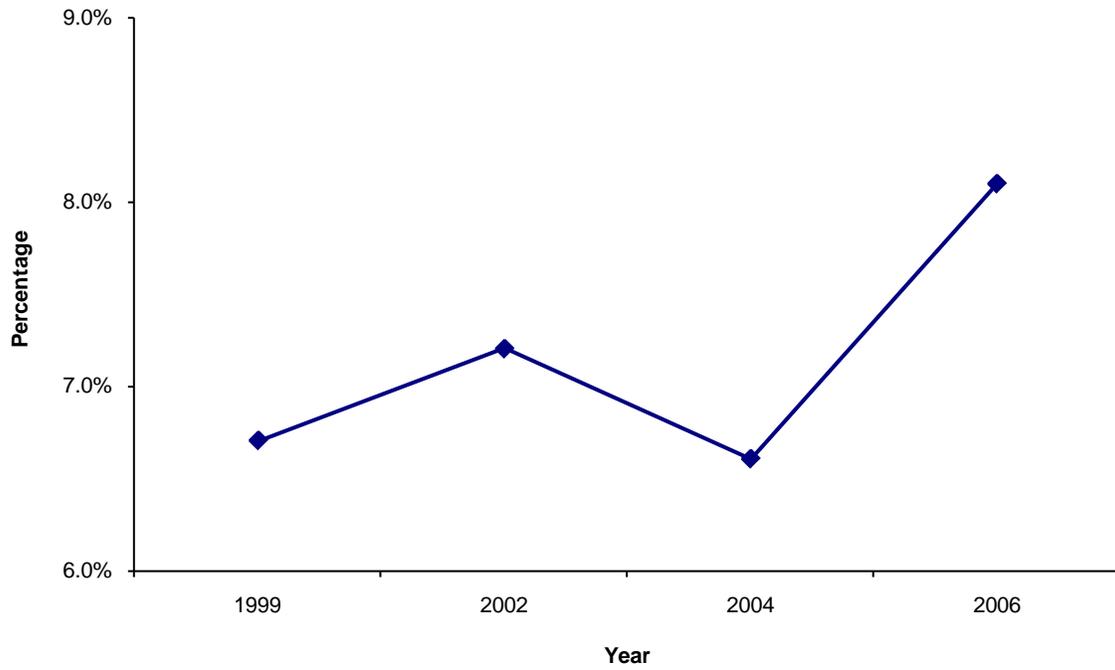
*Within Past Year*



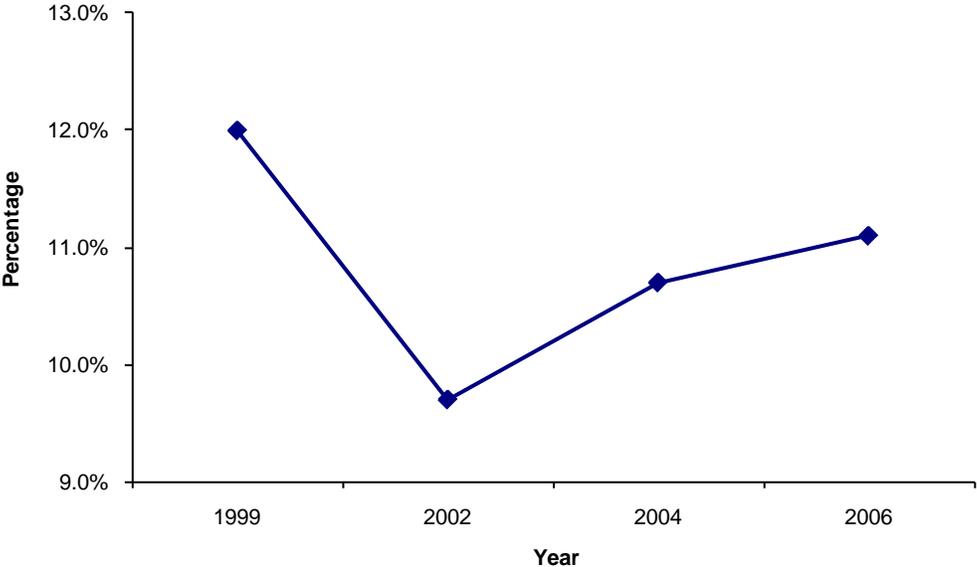
*Within Past Two Years*



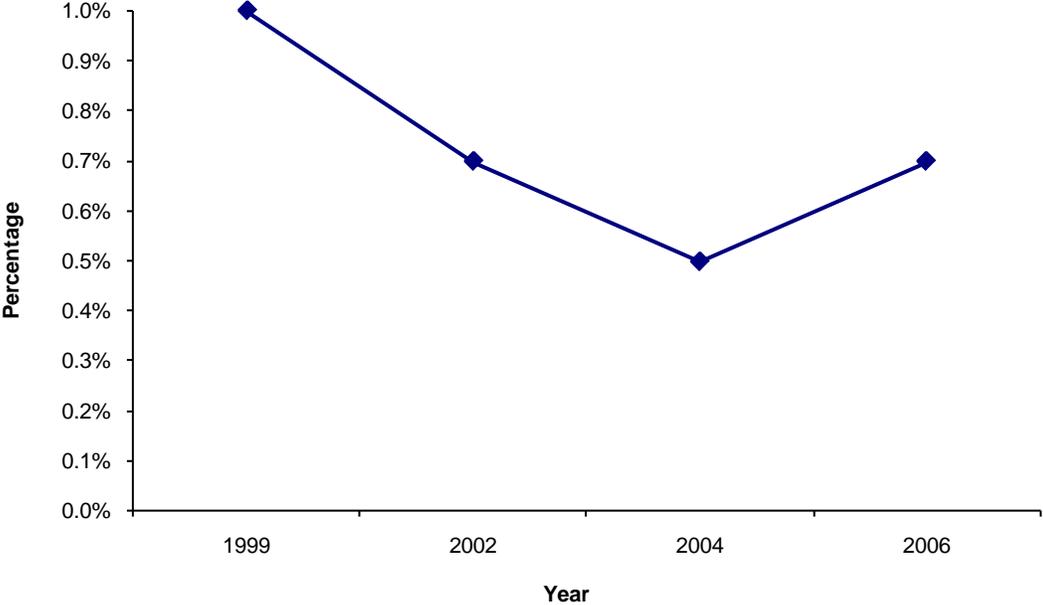
*Within Past 5 Years*



*Five or More Years Ago*



*Never*

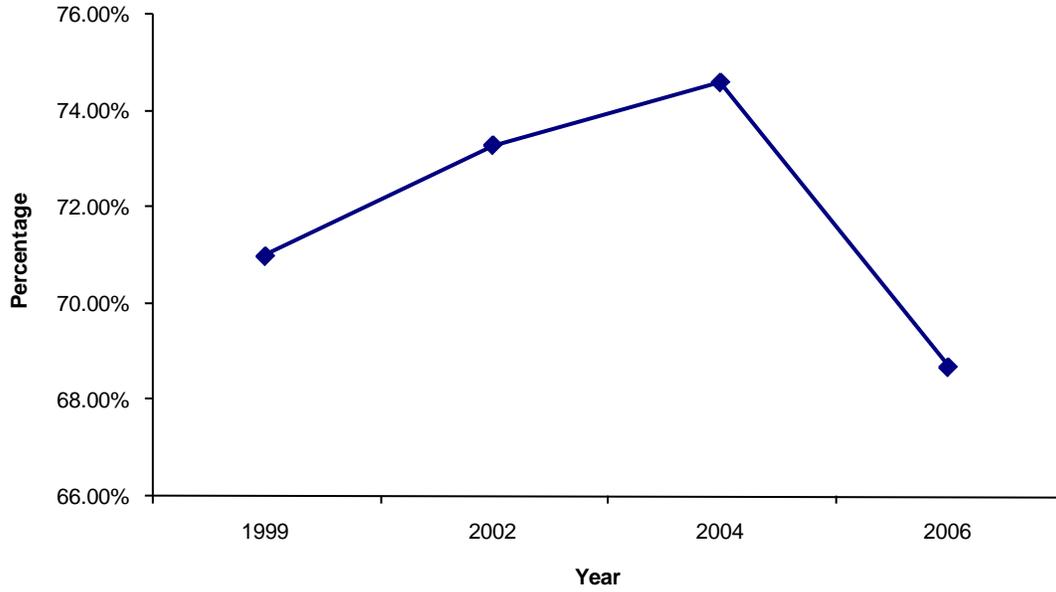


Year	Within Past Year	Within Past 2 Years	Within Past 5 Years	5 or More Years	Never
1999	68.3%	12.0%	6.7%	12.0%	1.0%
2002	72.7%	9.6%	7.2%	9.7%	0.7%
2004	72.4%	9.8%	6.6%	10.7%	0.5%
2006	69.2%	10.9%	8.1%	11.1%	0.7%

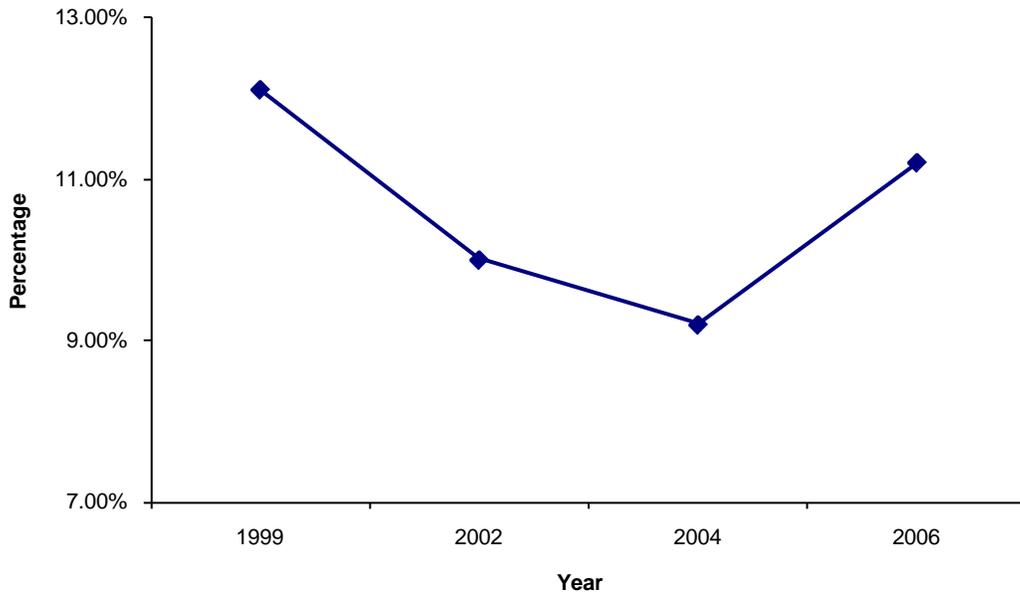
Source: Kansas Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://kdheks.gov/brfss/index.html>

Percentage of Adults Who Had Their Teeth Cleaned By a Dentist or Dental Hygienist:

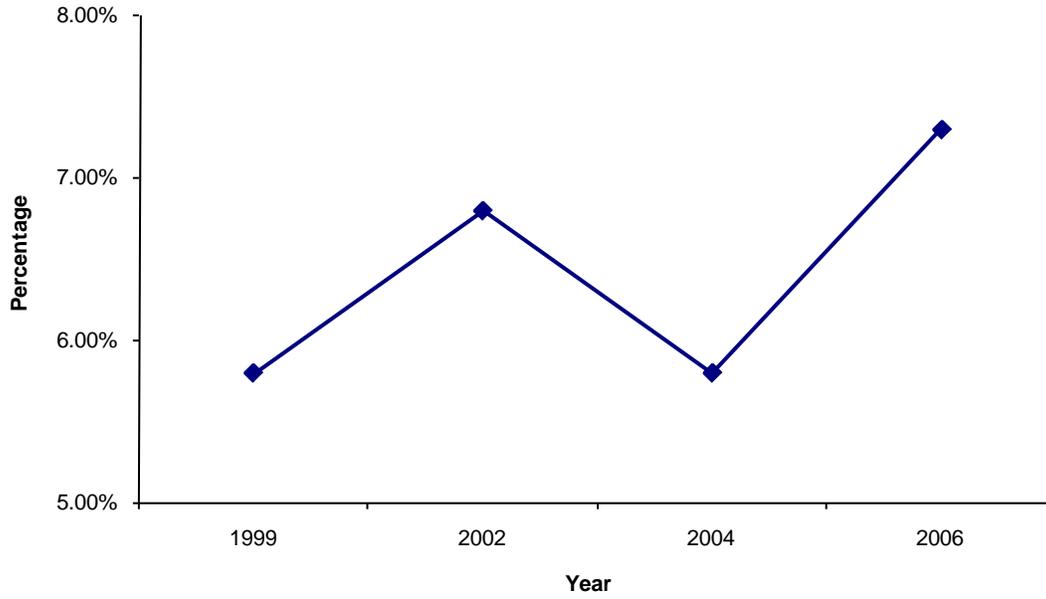
*Within Past Year*



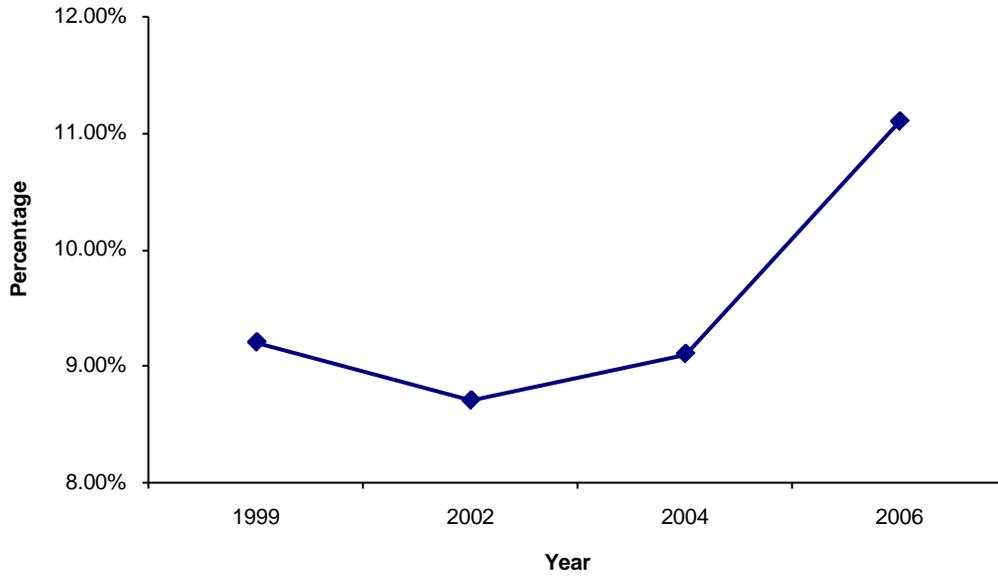
*Within Past Two Years*



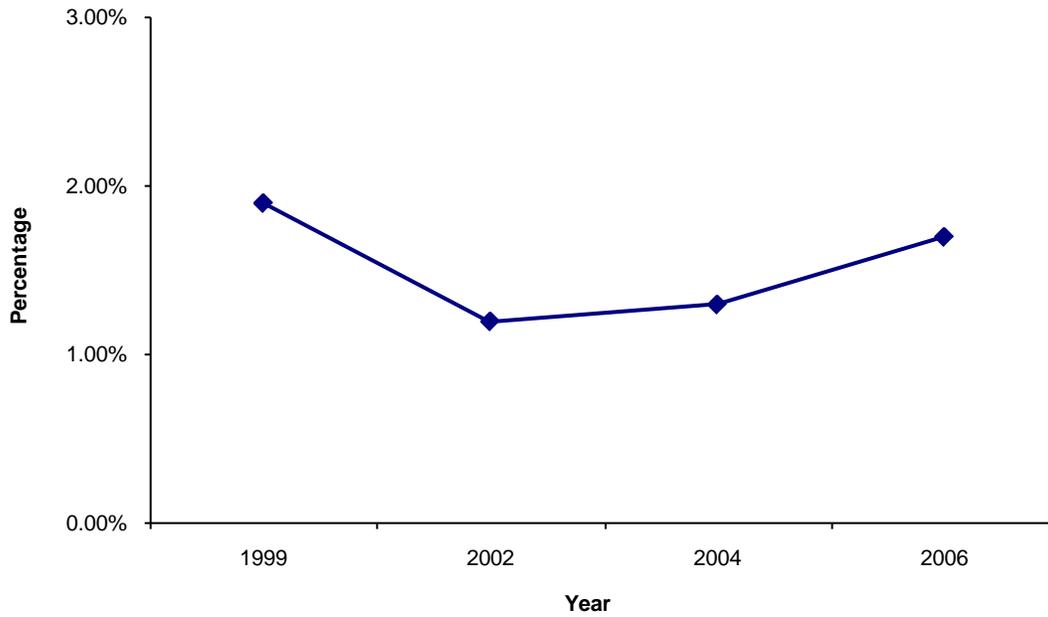
*Within Past Five Years*



*Five or More Years Ago*



*Never*



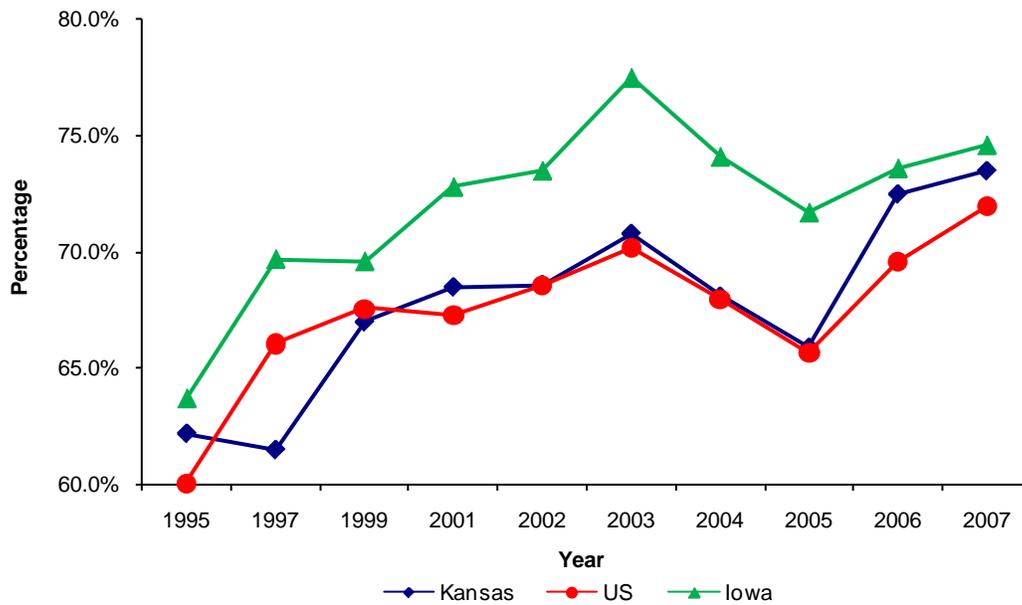
Year	Within Past Year	Within Past 2 Years	Within Past 5 Years	5 or More Years Ago	Never
1999	71.00%	12.10%	5.80%	9.20%	1.90%
2002	73.30%	10.00%	6.80%	8.70%	1.20%
2004	74.60%	9.20%	5.80%	9.10%	1.30%
2006	68.70%	11.20%	7.30%	11.10%	1.70%

Source: Kansas Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://kdheks.gov/brfss/index.html>

### III Quality And Efficiency

## Adult Immunization

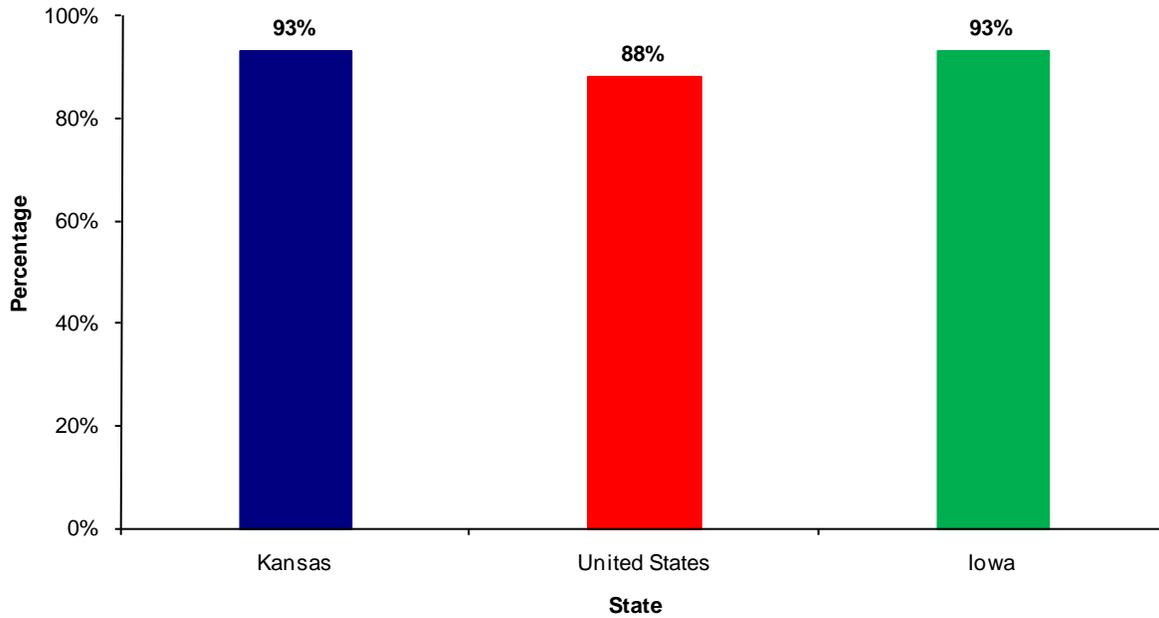
Percent of Persons Age 65 and Over Who Received an Influenza Vaccination in the Past 12 Months



Year	Kansas	US	Iowa
1995	62.2%	60.1%	63.7%
1997	61.5%	66.1%	69.7%
1999	67.0%	67.6%	69.6%
2001	68.5%	67.3%	72.8%
2002	68.6%	68.6%	73.5%
2003	70.8%	70.2%	77.5%
2004	68.1%	68.0%	74.1%
2005	65.9%	65.7%	71.7%
2006	72.5%	69.6%	73.6%
2007	73.5%	72.0%	74.6%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

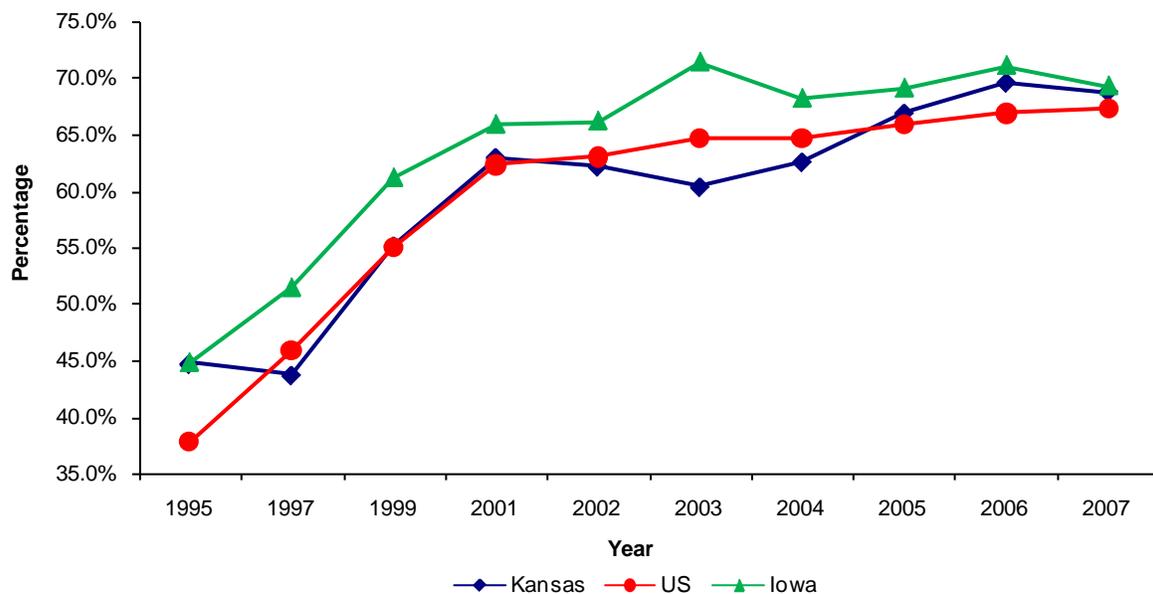
## Percent of Long-Stay Residents Vaccinated For the Influenza Season



Source: Nursing Home Compare (Collected October 1, 2007 through March 31, 2008)

<http://www.medicare.gov/NHCompare/Include/DataSection/Questions/SearchCriteria.asp?version=default&browser=IE%7C7%7CWinXP&language=English&pagelist=Home&CookiesEnabledStatus=True&dest=NAV/Home/Search/SearchCriteria&Type=County#astep1a>

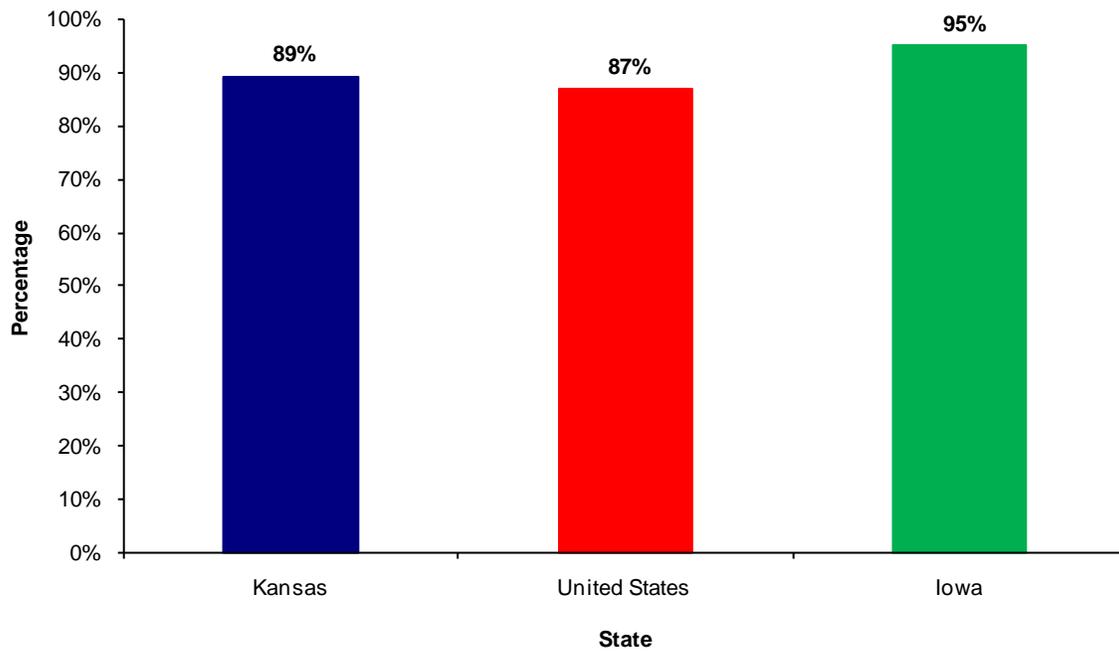
## Percent of Persons Age 65 and Over Who Have Ever Received a Pneumococcal Vaccination



Year	Kansas	US	Iowa
1995	44.7%	37.8%	44.9%
1997	43.7%	45.9%	51.5%
1999	55.1%	55.0%	61.2%
2001	62.9%	62.3%	65.9%
2002	62.1%	63.0%	66.2%
2003	60.3%	64.7%	71.4%
2004	62.5%	64.7%	68.2%
2005	66.8%	65.9%	69.1%
2006	69.5%	66.9%	71.1%
2007	68.7%	67.3%	69.3%

Source: Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://apps.nccd.cdc.gov/brfss/index.asp>

## Percent of Long-Stay Residents Who Were Assessed and Given Pneumococcal Vaccination

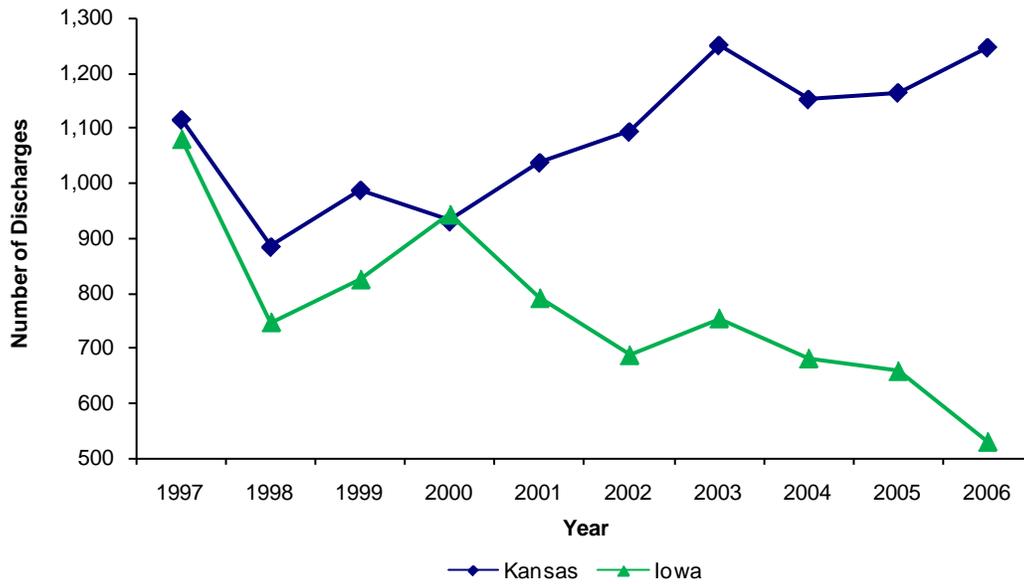


Source: *Nursing Home Compare* (Collected October 1, 2007 through March 31, 2008)

<http://www.medicare.gov/NHCompare/Include/DataSection/Questions/SearchCriteria.asp?version=default&browser=IE%7C7%7CWinXP&language=English&pagelist=Home&CookiesEnabledStatus=True&dest=NAV/Home/Search/SearchCriteria&Type=County#astep1a>

# Respiratory Health

## Asthma Admissions For Children



Year	Kansas	Iowa
1997	1,115	1,081
1998	884	747
1999	987	825
2000	930	943
2001	1,037	791
2002	1,093	687
2003	1,250	754
2004	1,152	681
2005	1,164	658
2006	1,246	529

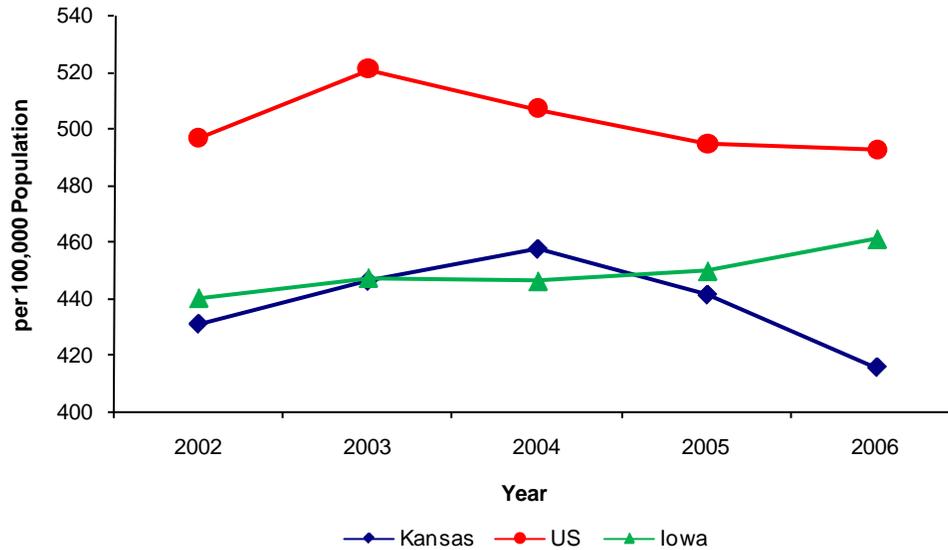
Source: AHRQ HCUPnet

<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

\* Measures hospitalizations for persons aged 18 years and older.

## Heart Disease and Stroke

### Admissions For Congestive Heart Failure per 100,000 Population, Age 18 and Over



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	431	8,513	497	1,056,112	440	9,651
2003	446	8,832	521	1,118,596	448	9,950
2004	457	9,091	507	1,102,445	446	9,925
2005	441	8,843	495	1,087,821	450	10,017
2006	416	8,429	493	1,097,302	461	10,200

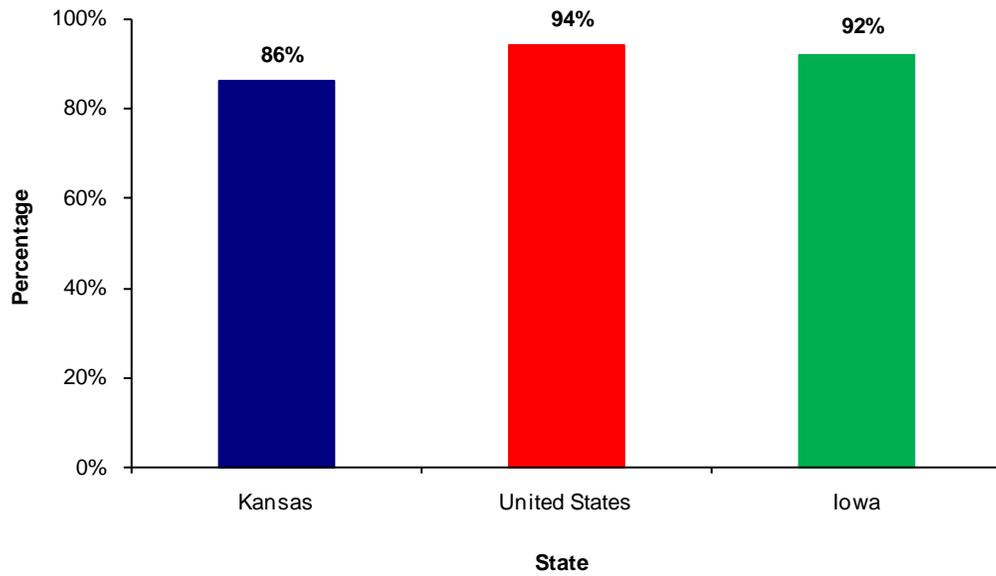
Source: AHRQ HCUPnet

<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

Population estimates were obtained from the US Census website:

[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

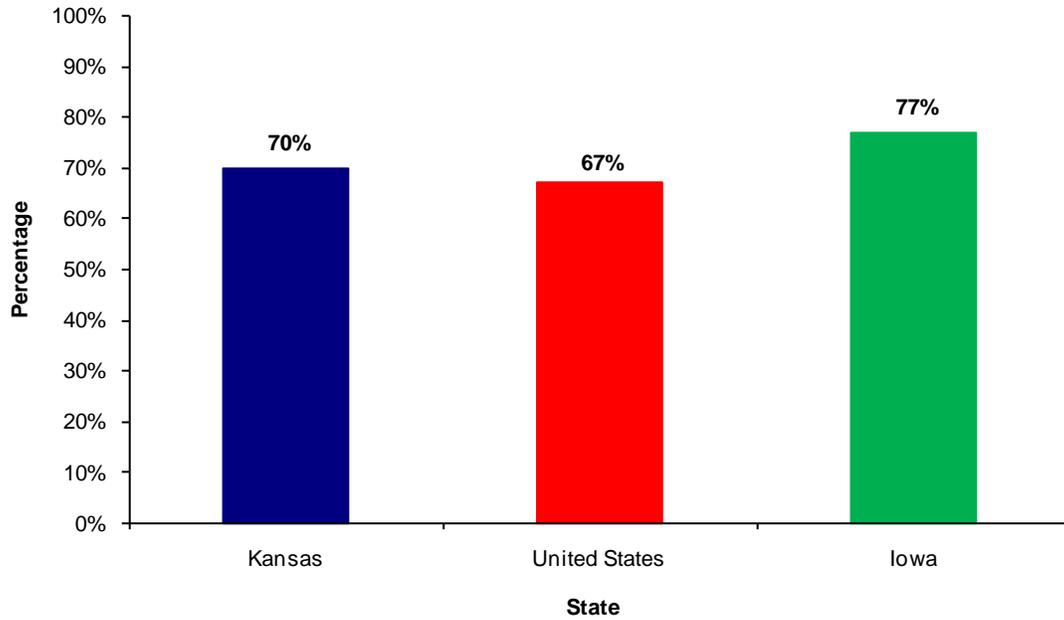
## Heart Attack Patients- Administered Aspirin Within 24 Hours of Hospital Admission



Source: *Hospital Compare* (2007)

<http://www.hospitalcompare.hhs.gov/Hospital/Search/Welcome.asp?version=default&browser=IE%7C7%7CWinXP&language=English&defaultstatus=0&pagelist=Home>

### Heart Attack Patients Who Received Percutaneous Coronary Intervention (PCI) Within 90 Minutes of Hospital Arrival

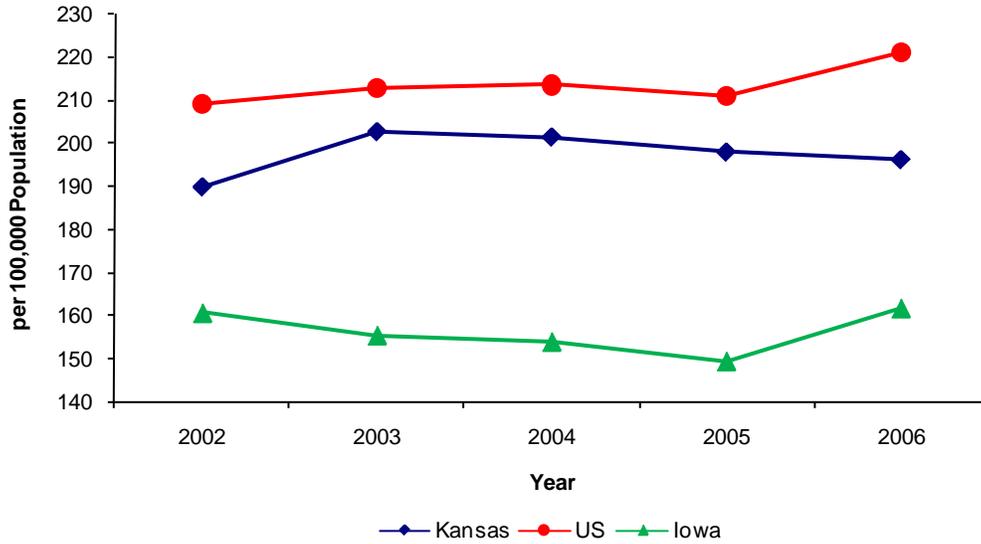


Source: Hospital Compare (2007)

<http://www.hospitalcompare.hhs.gov/Hospital/Search/Welcome.asp?version=default&browser=IE%7C7%7CWinXP&language=English&defaultstatus=0&pagelist=Home>

# Diabetes

## Admissions for Diabetes With Complications Age 18 & Over



Year	Kansas		US		Iowa	
	Kansas	Count	US	Count	Iowa	Count
2002	190	3,747	209	444,696	161	3,525
2003	203	4,015	213	456,842	156	3,461
2004	202	4,006	213	464,053	154	3,428
2005	198	3,967	211	463,355	150	3,332
2006	196	3,976	221	492,025	162	3,581

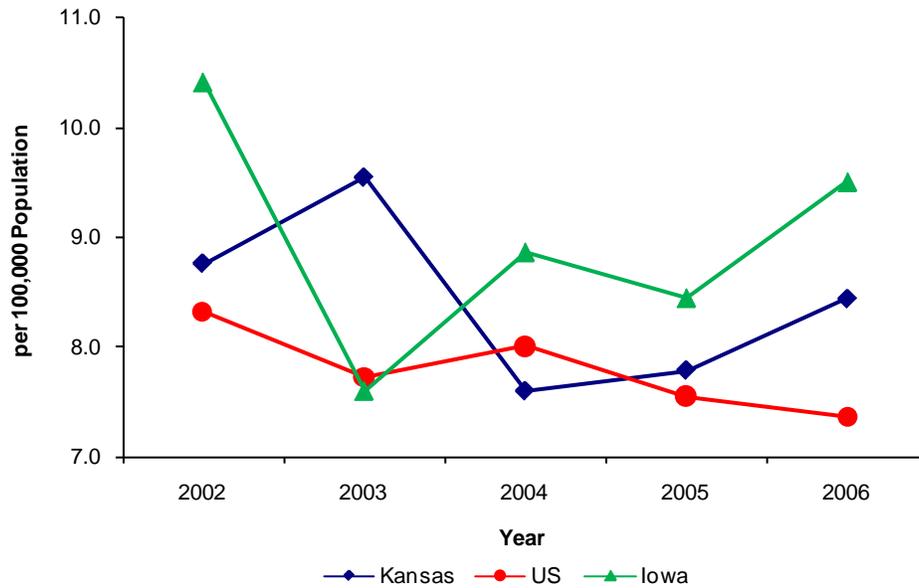
Source: AHRQ HCUPnet

<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

Population estimates were obtained from the US Census website:

[http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

## Admissions for Diabetes Without Complications, Age 18 & Over



Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
2002	8.8	173	8.3	17,703	10.4	228
2003	9.5	189	7.7	16,593	7.6	169
2004	7.6	151	8.0	17,415	8.9	197
2005	7.8	156	7.6	16,608	8.4	188
2006	8.4	171	7.4	16,409	9.5	210

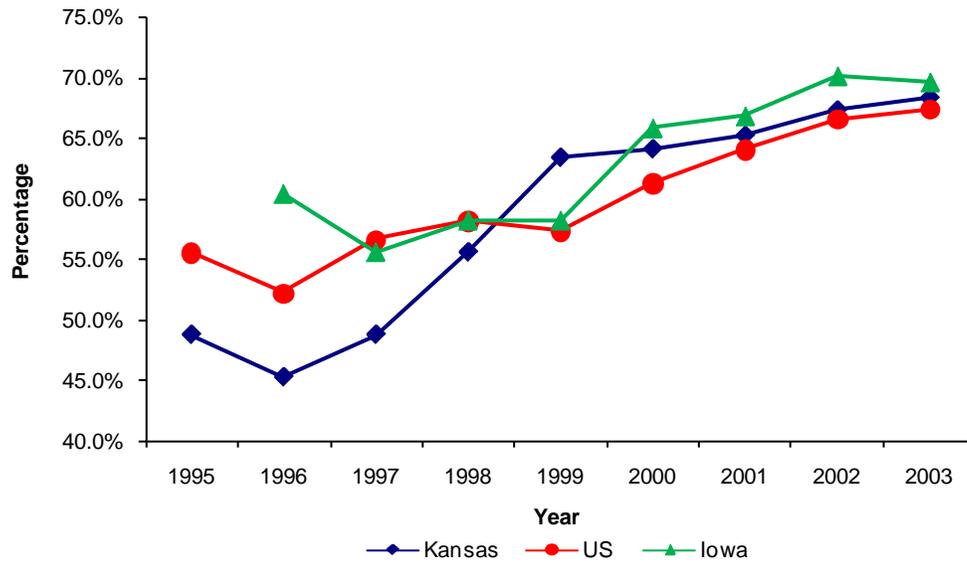
Source: AHRQ HCUPnet

<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

Population estimates were obtained from the US Census website:

[http://www.census.gov/hhes/www/cpssc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpssc/cps_table_creator.html)

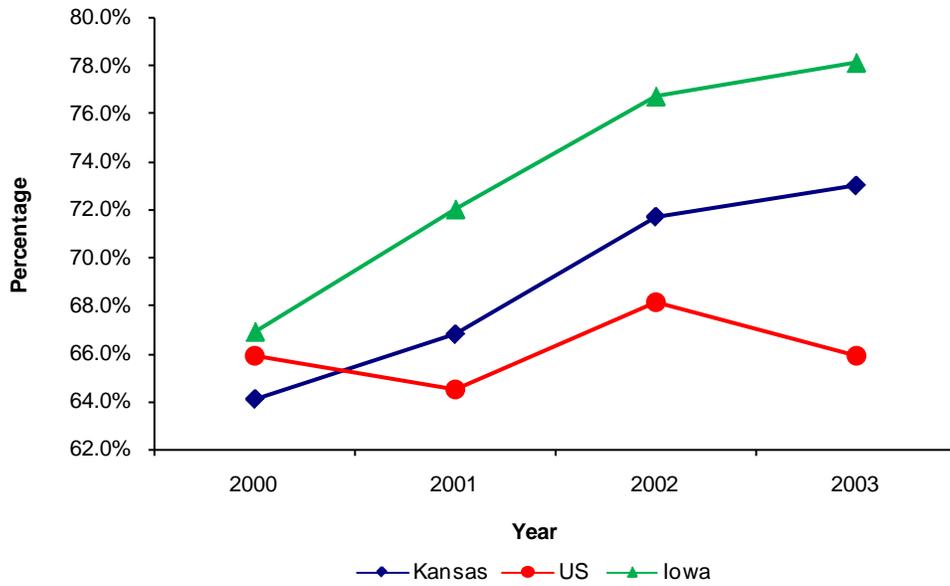
## Age-Adjusted Rate of Adults With Diabetes Who Had a Foot Examination in the Past Year



Year	Kansas	US	Iowa
1995	48.8%	55.6%	N/A
1996	45.3%	52.3%	60.5%
1997	48.8%	56.7%	55.7%
1998	55.6%	58.2%	58.3%
1999	63.4%	57.4%	58.3%
2000	64.1%	61.3%	65.9%
2001	65.2%	64.1%	66.9%
2002	67.3%	66.6%	70.2%
2003	68.3%	67.4%	69.7%

Source: CDC – Diabetes Data & Trends  
<http://apps.nccd.cdc.gov/ddtstrs/>

**Age-Adjusted Rate of Adults With Diabetes Who Had a Hemoglobin A1c Measurement at Least Twice in the Past Year**

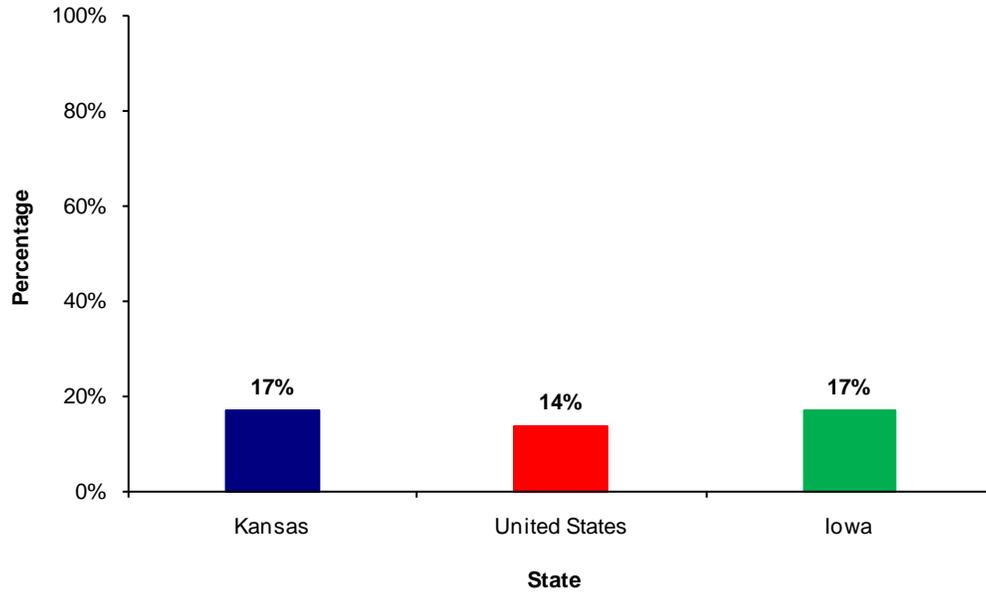


Year	Kansas	US	Iowa
2000	64.1%	65.9%	66.9%
2001	66.8%	64.5%	72.0%
2002	71.7%	68.1%	76.7%
2003	73.0%	65.9%	78.1%

Source: CDC – Diabetes Data & Trends  
<http://apps.nccd.cdc.gov/ddtstrs/>

# Mental Health

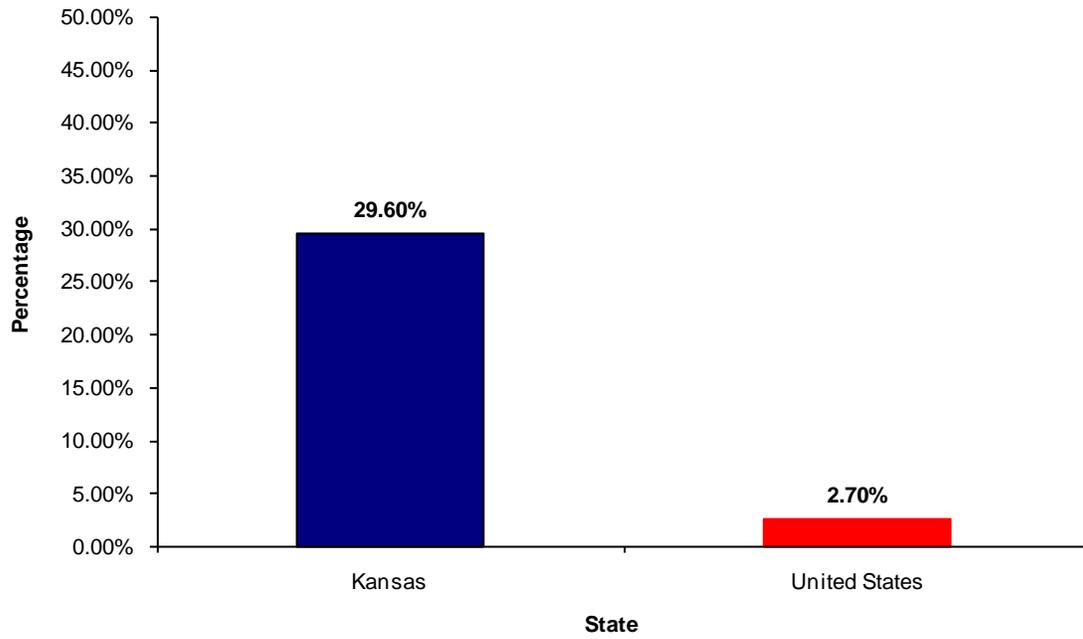
## Percent of Long-stay Nursing Home Residents Who are More Depressed or Anxious



Source: *Nursing Home Compare* (Collected October 1, 2007 through March 31, 2008)

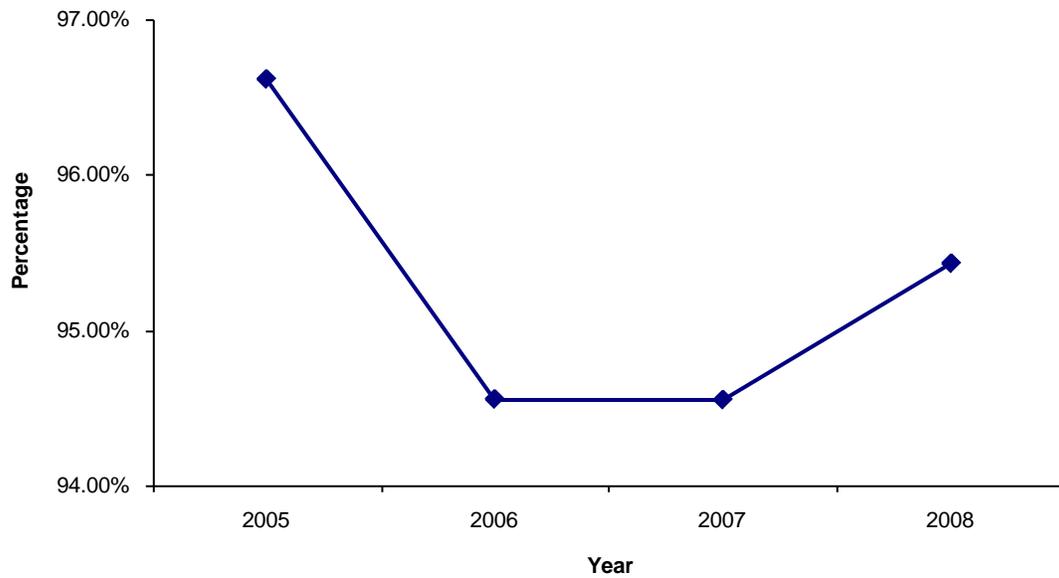
<http://www.medicare.gov/NHCompare/Include/DataSection/Questions/SearchCriteria.asp?version=default&browser=IE%7C7%7CWinXP&language=English&pagelist=Home&CookiesEnabledStatus=True&dest=NAV/Home/Search/SearchCriteria&Type=County#astep1a>

## Persons With a Severe and Persistent Mental Illness Are Competitively Employed



Source: CMHS – National Mental Health Information Center  
<http://mentalhealth.samhsa.gov/cmhs/mentalhealthstatistics/>

### Youth with a Serious Emotional Disturbance Attend School Regularly

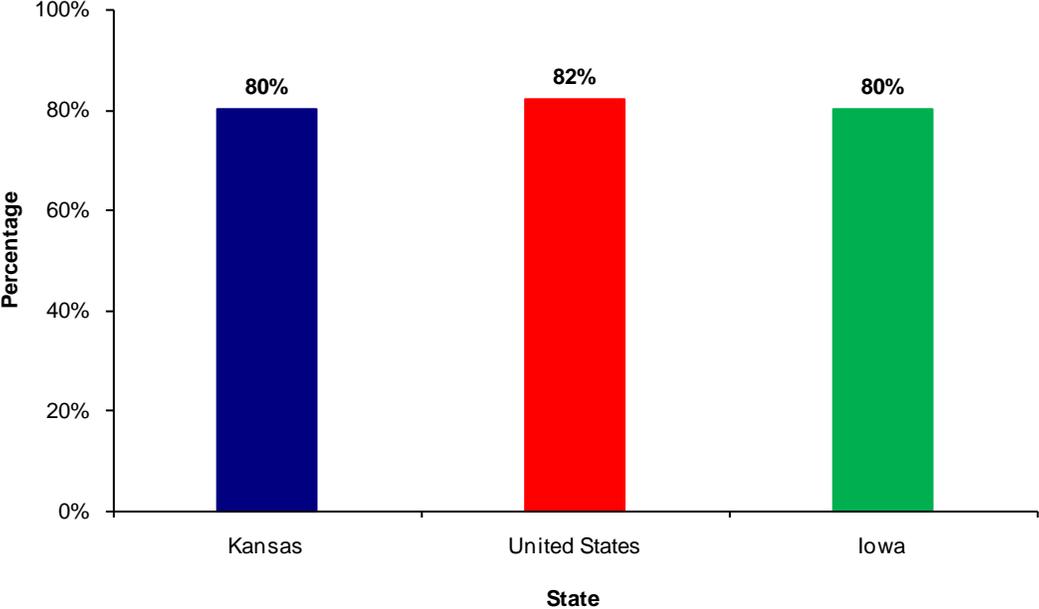


Year	Kansas
2005	96.62%
2006	94.55%
2007	94.55%
2008	95.43%

Source: Kansas Department of Social and Rehabilitation Services

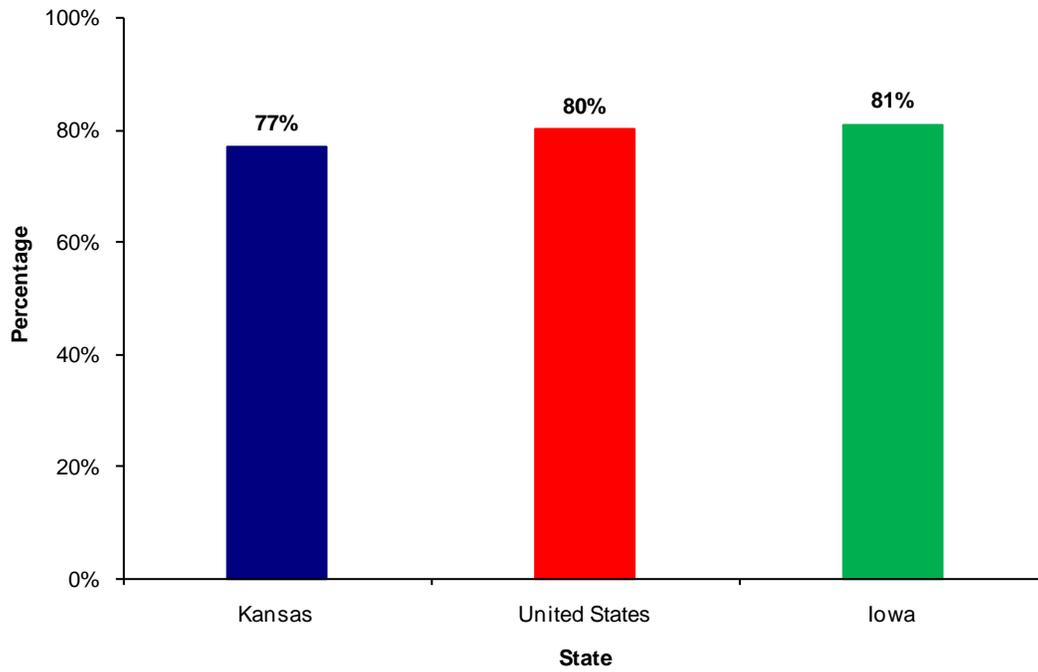
# Injury and Violence

Percent of Surgery Patients Whose Preventative Antibiotic(s) are Stopped Within 24 hours After Surgery



Source: *Hospital Compare* (2007)  
<http://www.hospitalcompare.hhs.gov/Hospital/Search/Welcome.asp?version=default&browser=IE%7C7%7CWinXP&language=English&defaultstatus=0&pagelist=Home>

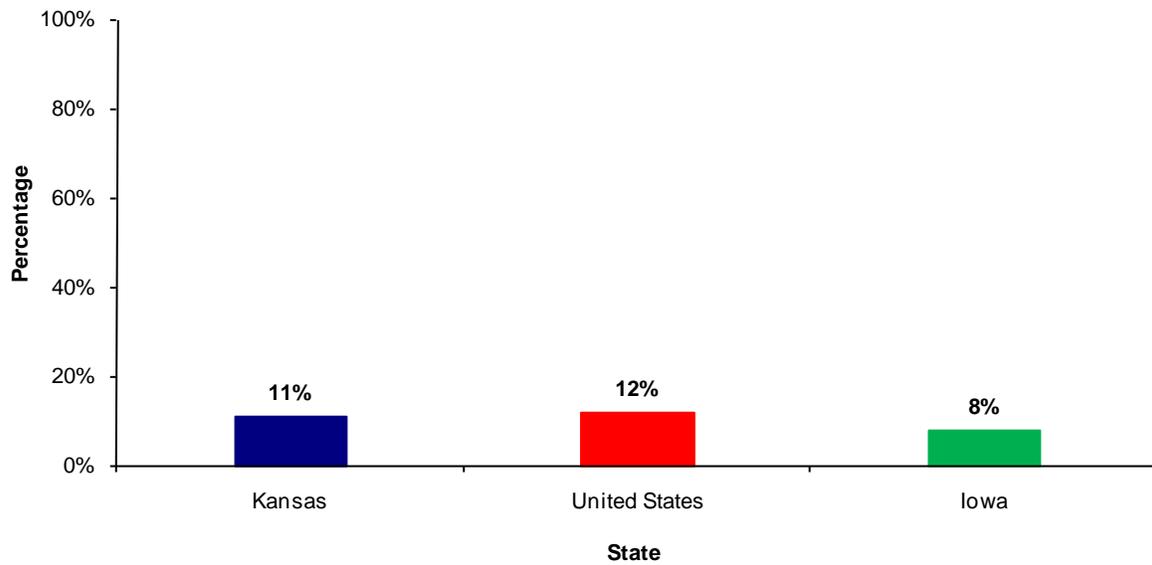
Percent of Surgery Patients Whose Doctors Ordered Treatments to Prevent Blood Clots (Venous Thromboembolism) For Certain Types of Surgeries



Source: Hospital Compare (2007)

<http://www.hospitalcompare.hhs.gov/Hospital/Search/Welcome.asp?version=default&browser=IE%7C7%7CWinXP&language=English&defaultstatus=0&pagelist=Home>

## Percent of High-risk, Long-stay Nursing Home Residents Who Have Pressure Sores

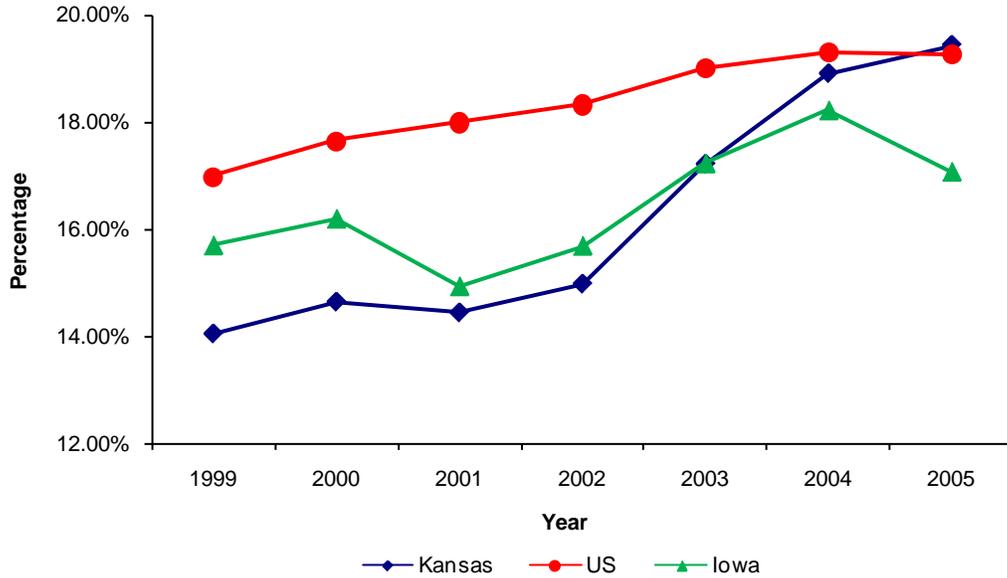


Source: *Nursing Home Compare* (Collected October 1, 2007 through March 31, 2008)

<http://www.medicare.gov/NHCompare/Include/DataSection/Questions/SearchCriteria.asp?version=default&browser=IE%7C7%7CWinXP&language=English&pagelist=Home&CookiesEnabledStatus=True&dest=NAV/Home/Search/SearchCriteria&Type=County#astep1a>

# Cancer

## Proportion of Female Breast Cancer That Are In Situ at the Time of Diagnoses



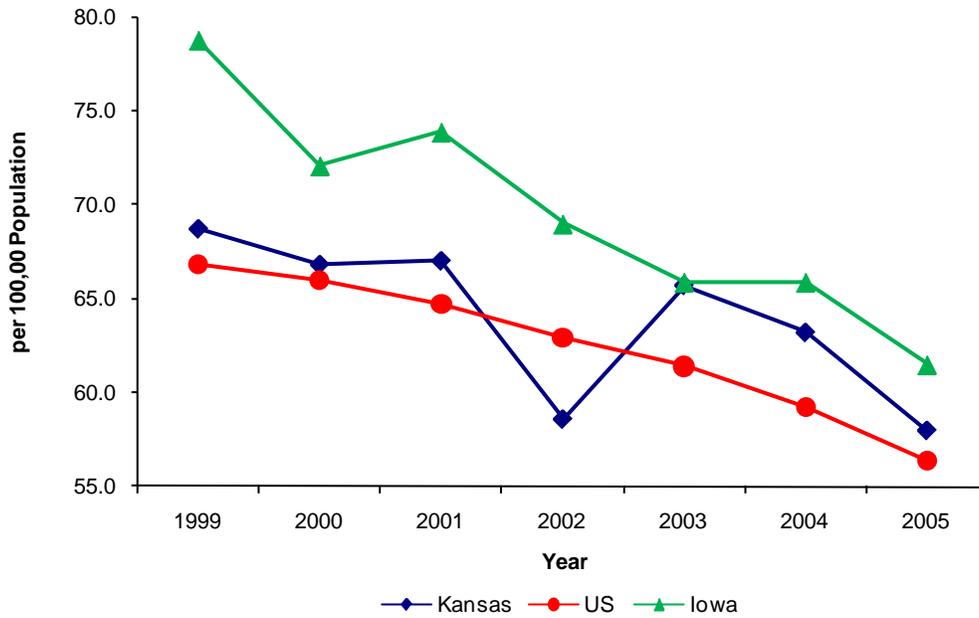
Year	Kansas		US	US Count	Iowa	Iowa Count
	Kansas	Count				
1999	14.06%	327	17.00%	37,676	15.71%	433
2000	14.66%	340	17.65%	38,477	16.21%	422
2001	14.46%	339	18.00%	40,005	14.94%	401
2002	14.99%	350	18.32%	41,546	15.70%	424
2003	17.21%	382	19.00%	43,281	17.24%	441
2004	18.90%	421	19.28%	44,232	18.23%	477
2005	19.42%	451	19.26%	44,468	17.08%	443

Source: United States Cancer Statistics (USCS)

<http://apps.nccd.cdc.gov/uscs/Table.aspx?Group=TableGeo&Year=2004&Display=n>

\*In situ refers to cancerous or precancerous cells that have not yet spread (metastasized) to surrounding tissue.

### Age-Adjusted Rate of Invasive Colorectal Cancer

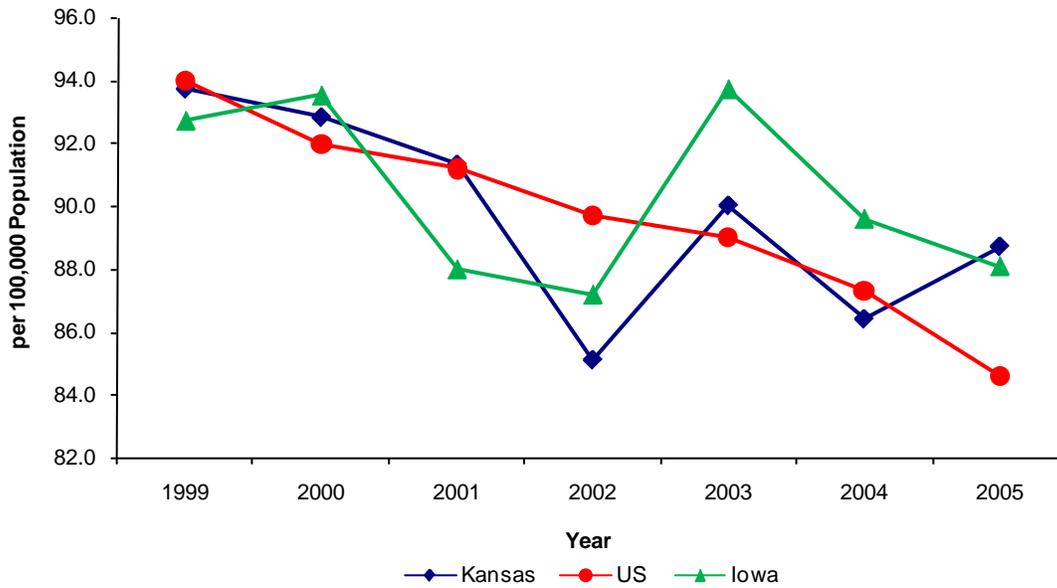


Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
1999	68.7	801	66.8	71,379	78.8	1,096
2000	66.8	788	66.0	70,827	72.1	1,010
2001	67.0	795	64.7	70,635	73.9	1,044
2002	58.6	702	62.9	72,088	69.0	989
2003	65.7	804	61.4	74,486	65.9	954
2004	63.2	786	59.2	73,700	65.9	965
2005	58.0	734	56.4	72,007	61.5	912

Source: United States Cancer Statistics (USCS)

<http://apps.nccd.cdc.gov/uscs/Table.aspx?Group=TableGeo&Year=2004&Display=n>

### Age-Adjusted Rate of Invasive Lung and Bronchus Cancer

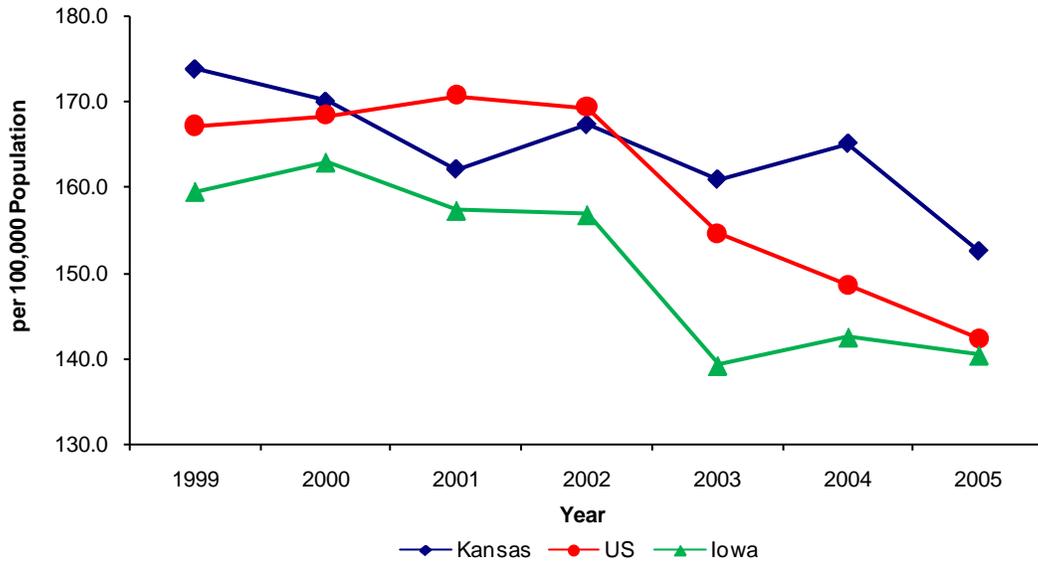


Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
1999	93.7	1,097	94.0	102,581	92.7	1,303
2000	92.8	1,097	92.0	100,227	93.5	1,322
2001	91.3	1,085	91.2	101,052	88.0	1,255
2002	85.1	1,030	89.7	103,003	87.2	1,251
2003	90.0	1,098	89.0	108,385	93.7	1,358
2004	86.4	1,064	87.3	108,467	89.6	1,313
2005	88.7	1,109	84.6	107,416	88.1	1,309

Source: United States Cancer Statistics (USCS)

<http://apps.nccd.cdc.gov/uscs/Table.aspx?Group=TableGeo&Year=2004&Display=n>

### Age-Adjusted Rate of Invasive Prostate Cancer



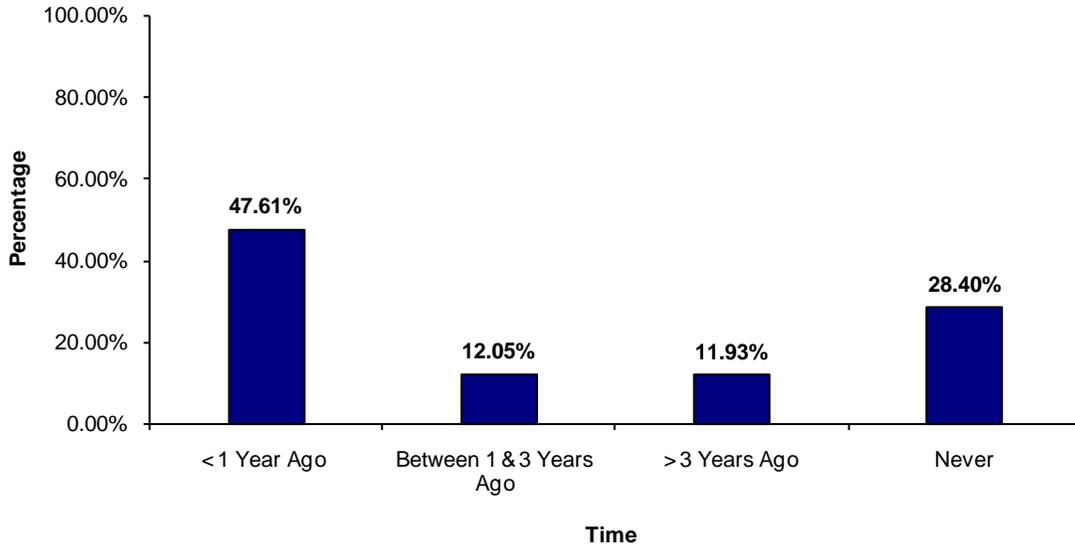
Year	Kansas	Kansas Count	US	US Count	Iowa	Iowa Count
1999	173.8	2,037	167.2	183,675	159.5	2,243
2000	170.0	2,012	168.4	184,704	162.9	2,306
2001	162.1	1,931	170.7	191,316	157.3	2,244
2002	167.3	2,016	169.4	198,325	156.8	2,257
2003	160.9	1,969	154.6	191,787	139.3	2,042
2004	165.1	2,045	148.6	189,223	142.6	2,121
2005	152.5	1,938	142.4	185,895	140.5	2,117

Source: United States Cancer Statistics (USCS)

<http://apps.nccd.cdc.gov/uscs/Table.aspx?Group=TableGeo&Year=2004&Display=n>

## Tobacco

### Percent of Current Smokers Age 18 and Over Who Reported Receiving Advice to Quit Smoking



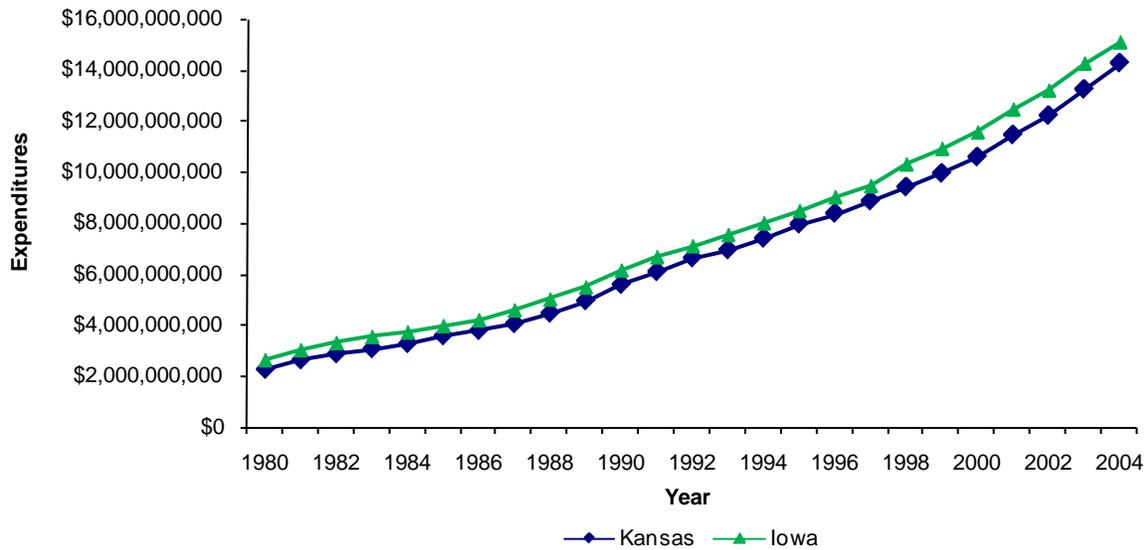
Source: Kansas Behavioral Risk Factor Surveillance System (BRFSS)/KDHE  
<http://kdheks.gov/brfss/index.html>

\*Data is for the year 2000.

## IV Affordability & Sustainability

### State Health Expenditures

State Health Care Expenditures in Total \$ (Personal Health Care) and Kansas Ranking Compared to Other States, by State of Provider



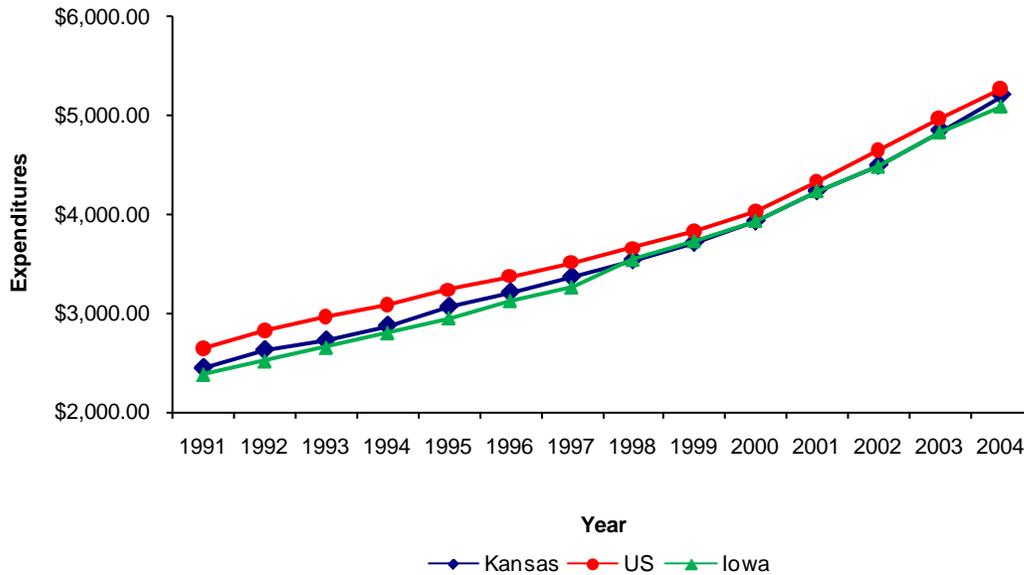
**\*Kansas ranked 31 out of 50 in Total \$ for State Health Care Expenditures in 2004.**

Year	Kansas	Iowa
1980	\$2,285,000,000	\$2,636,000,000
1981	\$2,654,000,000	\$3,027,000,000
1982	\$2,893,000,000	\$3,308,000,000
1983	\$3,092,000,000	\$3,544,000,000
1984	\$3,292,000,000	\$3,720,000,000
1985	\$3,597,000,000	\$3,972,000,000
1986	\$3,801,000,000	\$4,200,000,000
1987	\$4,070,000,000	\$4,584,000,000
1988	\$4,478,000,000	\$5,009,000,000
1989	\$4,963,000,000	\$5,480,000,000
1990	\$5,601,000,000	\$6,146,000,000
1991	\$6,102,000,000	\$6,665,000,000
1992	\$6,639,000,000	\$7,094,000,000
1993	\$6,953,000,000	\$7,534,000,000
1994	\$7,405,000,000	\$7,993,000,000
1995	\$7,961,000,000	\$8,473,000,000
1996	\$8,382,000,000	\$9,015,000,000
1997	\$8,862,000,000	\$9,448,000,000
1998	\$9,409,000,000	\$10,297,000,000
1999	\$9,942,000,000	\$10,907,000,000
2000	\$10,580,000,000	\$11,549,000,000
2001	\$11,443,000,000	\$12,446,000,000
2002	\$12,197,000,000	\$13,186,000,000
2003	\$13,222,000,000	\$14,245,000,000
2004	\$14,248,000,000	\$15,074,000,000

Source: National Health Expenditure Accounts (NHEA)

[http://www.cms.hhs.gov/NationalHealthExpendData/05a\\_NationalHealthAccountsStateHealthAccountsProvider.asp](http://www.cms.hhs.gov/NationalHealthExpendData/05a_NationalHealthAccountsStateHealthAccountsProvider.asp)

## State Health Care Expenditures Per Capita (Personal Health Care), by State of Provider

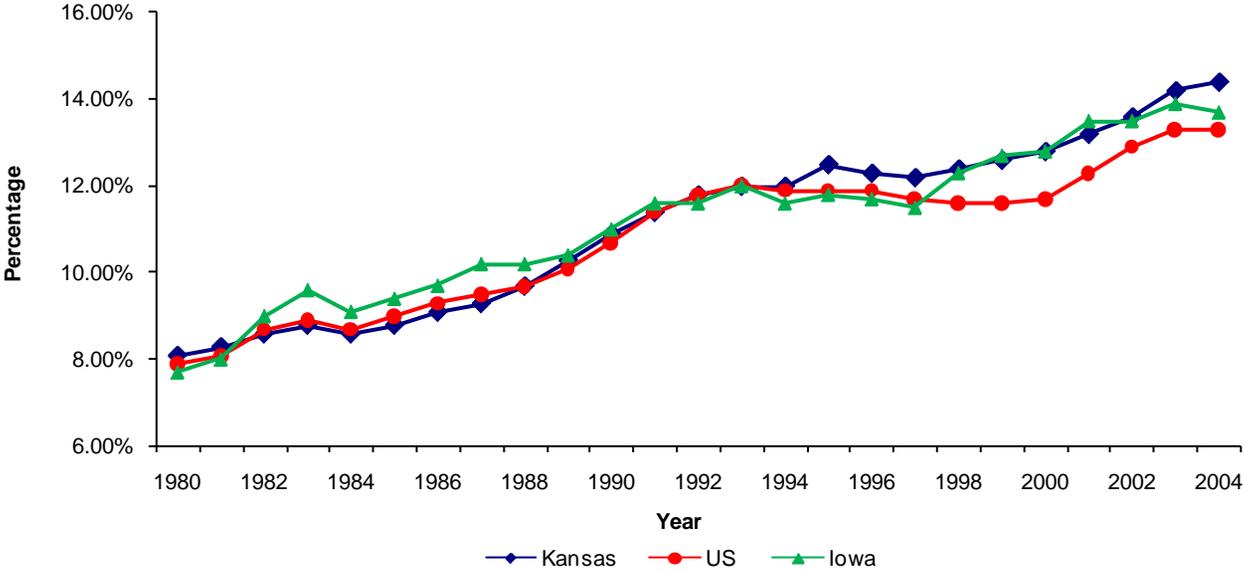


Year	Kansas	Kansas Total \$	US	US Total \$	Iowa	Iowa Total \$
1991	\$2,441.78	\$6,102,000,000	\$2,645.12	\$669,166,000,000	\$2,382.06	\$6,665,000,000
1992	\$2,622.04	\$6,639,000,000	\$2,829.94	\$725,920,000,000	\$2,517.39	\$7,094,000,000
1993	\$2,719.20	\$6,953,000,000	\$2,976.49	\$773,646,000,000	\$2,655.62	\$7,534,000,000
1994	\$2,869.04	\$7,405,000,000	\$3,095.06	\$814,391,000,000	\$2,803.58	\$7,993,000,000
1995	\$3,060.75	\$7,961,000,000	\$3,243.64	\$863,709,000,000	\$2,955.35	\$8,473,000,000
1996	\$3,205.35	\$8,382,000,000	\$3,378.97	\$910,273,000,000	\$3,130.21	\$9,015,000,000
1997	\$3,363.19	\$8,862,000,000	\$3,520.32	\$959,806,000,000	\$3,268.07	\$9,448,000,000
1998	\$3,535.89	\$9,409,000,000	\$3,663.17	\$1,010,499,000,000	\$3,547.02	\$10,297,000,000
1999	\$3,712.47	\$9,942,000,000	\$3,828.53	\$1,068,313,000,000	\$3,737.83	\$10,907,000,000
2000	\$3,928.70	\$10,580,000,000	\$4,038.93	\$1,139,855,000,000	\$3,942.98	\$11,549,000,000
2001	\$4,235.01	\$11,443,000,000	\$4,343.78	\$1,238,959,000,000	\$4,244.88	\$12,446,000,000
2002	\$4,492.45	\$12,197,000,000	\$4,655.00	\$1,341,227,000,000	\$4,492.67	\$13,186,000,000
2003	\$4,848.55	\$13,222,000,000	\$4,973.43	\$1,446,255,000,000	\$4,841.94	\$14,245,000,000
2004	\$5,203.80	\$14,248,000,000	\$5,282.88	\$1,551,255,000,000	\$5,102.91	\$15,074,000,000

Source: National Health Expenditure Accounts (NHEA)

[http://www.cms.hhs.gov/NationalHealthExpendData/05a\\_NationalHealthAccountsStateHealthAccountsProvider.asp](http://www.cms.hhs.gov/NationalHealthExpendData/05a_NationalHealthAccountsStateHealthAccountsProvider.asp)

State Health Care Expenditures As a Percentage of State GDP, by State of Provider



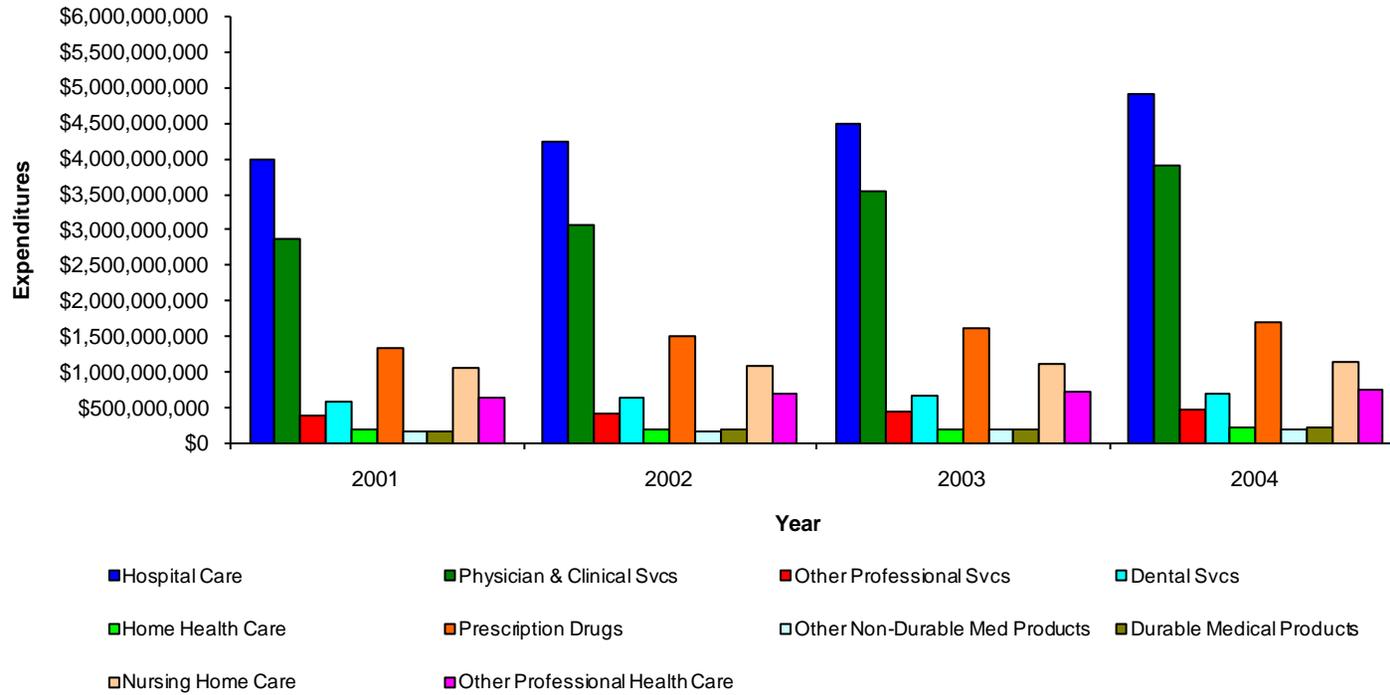
Year	Kansas	Kansas GDP	US	US GDP	Iowa	Iowa GDP
1980	8.10%	\$28,247,000,000	7.90%	\$2,719,134,000,000	7.70%	\$34,032,000,000
1981	8.30%	\$32,007,000,000	8.10%	\$3,064,552,000,000	8.00%	\$37,866,000,000
1982	8.60%	\$33,528,000,000	8.70%	\$3,217,617,000,000	9.00%	\$36,910,000,000
1983	8.80%	\$35,213,000,000	8.90%	\$3,451,340,000,000	9.60%	\$36,957,000,000
1984	8.60%	\$38,441,000,000	8.70%	\$3,872,847,000,000	9.10%	\$41,031,000,000
1985	8.80%	\$40,763,000,000	9.00%	\$4,155,029,000,000	9.40%	\$42,381,000,000
1986	9.10%	\$41,716,000,000	9.30%	\$4,364,279,000,000	9.70%	\$43,111,000,000
1987	9.30%	\$43,883,000,000	9.50%	\$4,663,282,000,000	10.20%	\$45,055,000,000
1988	9.70%	\$46,268,000,000	9.70%	\$5,067,453,000,000	10.20%	\$48,891,000,000
1989	10.30%	\$48,335,000,000	10.10%	\$5,385,776,000,000	10.40%	\$52,771,000,000
1990	10.90%	\$51,274,000,000	10.70%	\$5,674,013,000,000	11.00%	\$55,876,000,000
1991	11.40%	\$53,345,000,000	11.40%	\$5,857,335,000,000	11.60%	\$57,677,000,000
1992	11.80%	\$56,091,000,000	11.80%	\$6,174,369,000,000	11.60%	\$61,313,000,000
1993	12.00%	\$57,925,000,000	12.00%	\$6,453,455,000,000	12.00%	\$62,709,000,000
1994	12.00%	\$61,805,000,000	11.90%	\$6,865,513,000,000	11.60%	\$69,150,000,000
1995	12.50%	\$63,699,000,000	11.90%	\$7,232,722,000,000	11.80%	\$71,905,000,000
1996	12.30%	\$67,965,000,000	11.90%	\$7,659,651,000,000	11.70%	\$77,244,000,000
1997	12.20%	\$72,509,000,000	11.70%	\$8,170,994,000,000	11.50%	\$81,881,000,000
1998	12.40%	\$76,005,000,000	11.60%	\$8,679,657,000,000	12.30%	\$83,665,000,000
1999	12.60%	\$78,664,000,000	11.60%	\$9,201,138,000,000	12.70%	\$86,113,000,000
2000	12.80%	\$82,812,000,000	11.70%	\$9,749,103,000,000	12.80%	\$90,186,000,000
2001	13.20%	\$86,430,000,000	12.30%	\$10,058,168,000,000	13.50%	\$91,920,000,000
2002	13.60%	\$89,573,000,000	12.90%	\$10,398,402,000,000	13.50%	\$97,356,000,000
2003	14.20%	\$93,076,000,000	13.30%	\$10,896,356,000,000	13.90%	\$102,358,000,000
2004	14.40%	\$98,927,000,000	13.30%	\$11,655,335,000,000	13.70%	\$110,210,000,000

Source: National Health Expenditure Accounts (NHEA)

[http://www.cms.hhs.gov/NationalHealthExpendData/05a\\_NationalHealthAccountsStateHealthAccountsProvider.asp](http://www.cms.hhs.gov/NationalHealthExpendData/05a_NationalHealthAccountsStateHealthAccountsProvider.asp)

2

### State Health Care Expenditures By Type (Service Category) in \$, by State of Provider



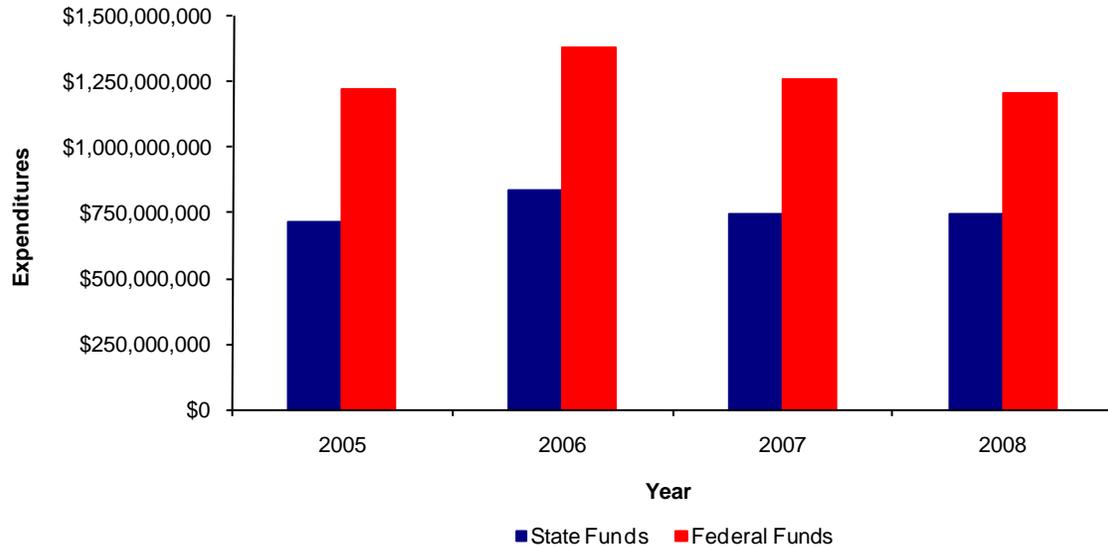
Year	Hospital Care	Physician & Clinical Svcs	Other Professional Svcs	Dental Svcs	Home Health Care	Prescription Drugs	Other Non-Durable Med Products	Durable Medical Products	Nursing Home Care	Other Professional Health Care
1980	\$1,084,000,000	\$484,000,000	\$50,000,000	\$124,000,000	\$12,000,000	\$127,000,000	\$97,000,000	\$39,000,000	\$245,000,000	\$23,000,000
1981	\$1,272,000,000	\$567,000,000	\$60,000,000	\$150,000,000	\$16,000,000	\$140,000,000	\$113,000,000	\$41,000,000	\$269,000,000	\$25,000,000
1982	\$1,419,000,000	\$590,000,000	\$69,000,000	\$155,000,000	\$21,000,000	\$156,000,000	\$127,000,000	\$45,000,000	\$286,000,000	\$27,000,000
1983	\$1,488,000,000	\$611,000,000	\$81,000,000	\$162,000,000	\$27,000,000	\$179,000,000	\$136,000,000	\$49,000,000	\$328,000,000	\$30,000,000
1984	\$1,518,000,000	\$684,000,000	\$91,000,000	\$180,000,000	\$31,000,000	\$202,000,000	\$145,000,000	\$56,000,000	\$353,000,000	\$33,000,000
1985	\$1,594,000,000	\$830,000,000	\$98,000,000	\$200,000,000	\$26,000,000	\$222,000,000	\$150,000,000	\$62,000,000	\$377,000,000	\$37,000,000
1986	\$1,626,000,000	\$910,000,000	\$114,000,000	\$202,000,000	\$23,000,000	\$246,000,000	\$157,000,000	\$69,000,000	\$412,000,000	\$42,000,000
1987	\$1,723,000,000	\$982,000,000	\$126,000,000	\$223,000,000	\$25,000,000	\$271,000,000	\$165,000,000	\$77,000,000	\$435,000,000	\$44,000,000
1988	\$1,830,000,000	\$1,121,000,000	\$144,000,000	\$240,000,000	\$34,000,000	\$316,000,000	\$168,000,000	\$83,000,000	\$493,000,000	\$51,000,000
1989	\$2,039,000,000	\$1,222,000,000	\$156,000,000	\$259,000,000	\$46,000,000	\$365,000,000	\$173,000,000	\$88,000,000	\$552,000,000	\$63,000,000
1990	\$2,272,000,000	\$1,380,000,000	\$182,000,000	\$270,000,000	\$73,000,000	\$430,000,000	\$178,000,000	\$95,000,000	\$646,000,000	\$74,000,000
1991	\$2,464,000,000	\$1,515,000,000	\$198,000,000	\$289,000,000	\$92,000,000	\$482,000,000	\$176,000,000	\$99,000,000	\$696,000,000	\$89,000,000
1992	\$2,721,000,000	\$1,626,000,000	\$217,000,000	\$319,000,000	\$123,000,000	\$530,000,000	\$169,000,000	\$105,000,000	\$727,000,000	\$102,000,000
1993	\$2,808,000,000	\$1,716,000,000	\$224,000,000	\$343,000,000	\$145,000,000	\$553,000,000	\$168,000,000	\$113,000,000	\$759,000,000	\$124,000,000
1994	\$3,011,000,000	\$1,827,000,000	\$230,000,000	\$358,000,000	\$178,000,000	\$574,000,000	\$166,000,000	\$120,000,000	\$775,000,000	\$166,000,000
1995	\$3,169,000,000	\$1,980,000,000	\$258,000,000	\$393,000,000	\$211,000,000	\$626,000,000	\$166,000,000	\$130,000,000	\$823,000,000	\$206,000,000
1996	\$3,247,000,000	\$2,057,000,000	\$262,000,000	\$416,000,000	\$265,000,000	\$683,000,000	\$165,000,000	\$142,000,000	\$874,000,000	\$270,000,000
1997	\$3,392,000,000	\$2,096,000,000	\$299,000,000	\$444,000,000	\$278,000,000	\$753,000,000	\$164,000,000	\$155,000,000	\$933,000,000	\$348,000,000
1998	\$3,447,000,000	\$2,331,000,000	\$322,000,000	\$478,000,000	\$228,000,000	\$859,000,000	\$167,000,000	\$163,000,000	\$970,000,000	\$443,000,000
1999	\$3,741,000,000	\$2,329,000,000	\$339,000,000	\$518,000,000	\$191,000,000	\$1,012,000,000	\$176,000,000	\$168,000,000	\$935,000,000	\$532,000,000
2000	\$3,736,000,000	\$2,658,000,000	\$353,000,000	\$552,000,000	\$200,000,000	\$1,163,000,000	\$178,000,000	\$173,000,000	\$1,007,000,000	\$561,000,000
2001	\$3,995,000,000	\$2,867,000,000	\$391,000,000	\$597,000,000	\$207,000,000	\$1,326,000,000	\$178,000,000	\$177,000,000	\$1,071,000,000	\$635,000,000
2002	\$4,236,000,000	\$3,058,000,000	\$406,000,000	\$641,000,000	\$205,000,000	\$1,505,000,000	\$180,000,000	\$189,000,000	\$1,092,000,000	\$684,000,000
2003	\$4,493,000,000	\$3,544,000,000	\$446,000,000	\$675,000,000	\$200,000,000	\$1,617,000,000	\$186,000,000	\$205,000,000	\$1,121,000,000	\$736,000,000
2004	\$4,914,000,000	\$3,910,000,000	\$488,000,000	\$703,000,000	\$228,000,000	\$1,710,000,000	\$187,000,000	\$210,000,000	\$1,147,000,000	\$751,000,000

Source: National Health Expenditure Accounts (NHEA)

[http://www.cms.hhs.gov/NationalHealthExpendData/05a\\_NationalHealthAccountsStateHealthAccountsProvider.asp](http://www.cms.hhs.gov/NationalHealthExpendData/05a_NationalHealthAccountsStateHealthAccountsProvider.asp)

## Public Spending

**Total Medicaid Expenditures Divided By Source of Funds**

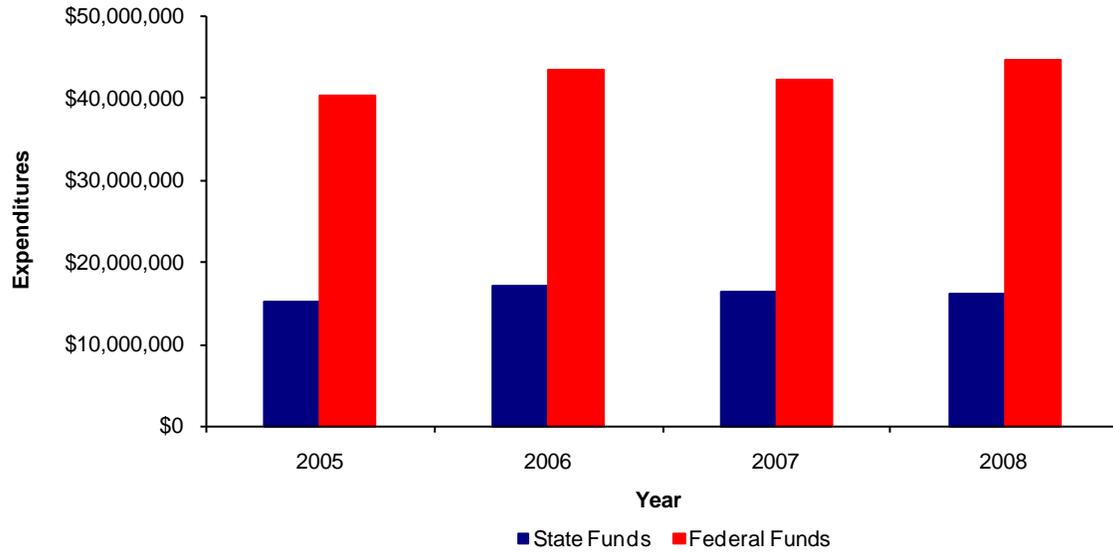


Year	State Funds	Federal Funds
2005	\$715,238,167	\$1,224,792,191
2006	\$840,098,392	\$1,380,661,809
2007	\$742,874,313	\$1,260,783,473
2008	\$743,528,687	\$1,204,002,605

Source: *Kansas Medical Assistance Report (MAR)*  
[http://www.khpa.ks.gov/medicaid\\_reports/default.htm](http://www.khpa.ks.gov/medicaid_reports/default.htm)

*\*The Kansas Medical Assistance Report is based on the Kansas Fiscal Year (July – June).*

### Total SCHIP Expenditures Divided By Source of Funds

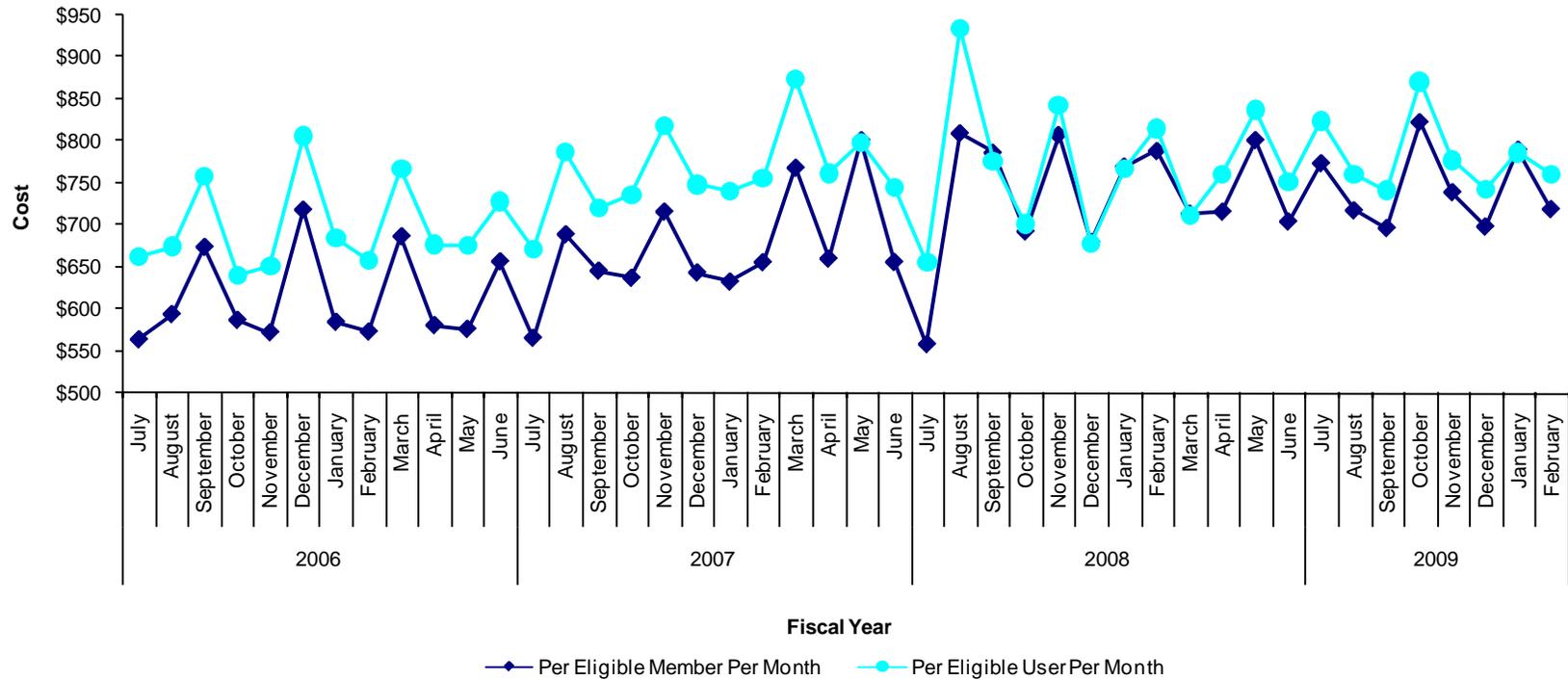


Year	State Funds	Federal Funds
2005	\$15,134,982	\$40,245,622
2006	\$17,217,358	\$43,461,145
2007	\$16,372,401	\$42,385,983
2008	\$16,226,375	\$44,718,261

Source: *Kansas Medical Assistance Report (MAR)*  
[http://www.khpa.ks.gov/medicaid\\_reports/default.htm](http://www.khpa.ks.gov/medicaid_reports/default.htm)

*\*The Kansas Medical Assistance Report is based on the Kansas Fiscal Year (July – June).*

### Medicaid Expenditures Per Eligible Member Per Month and Per User Per Month

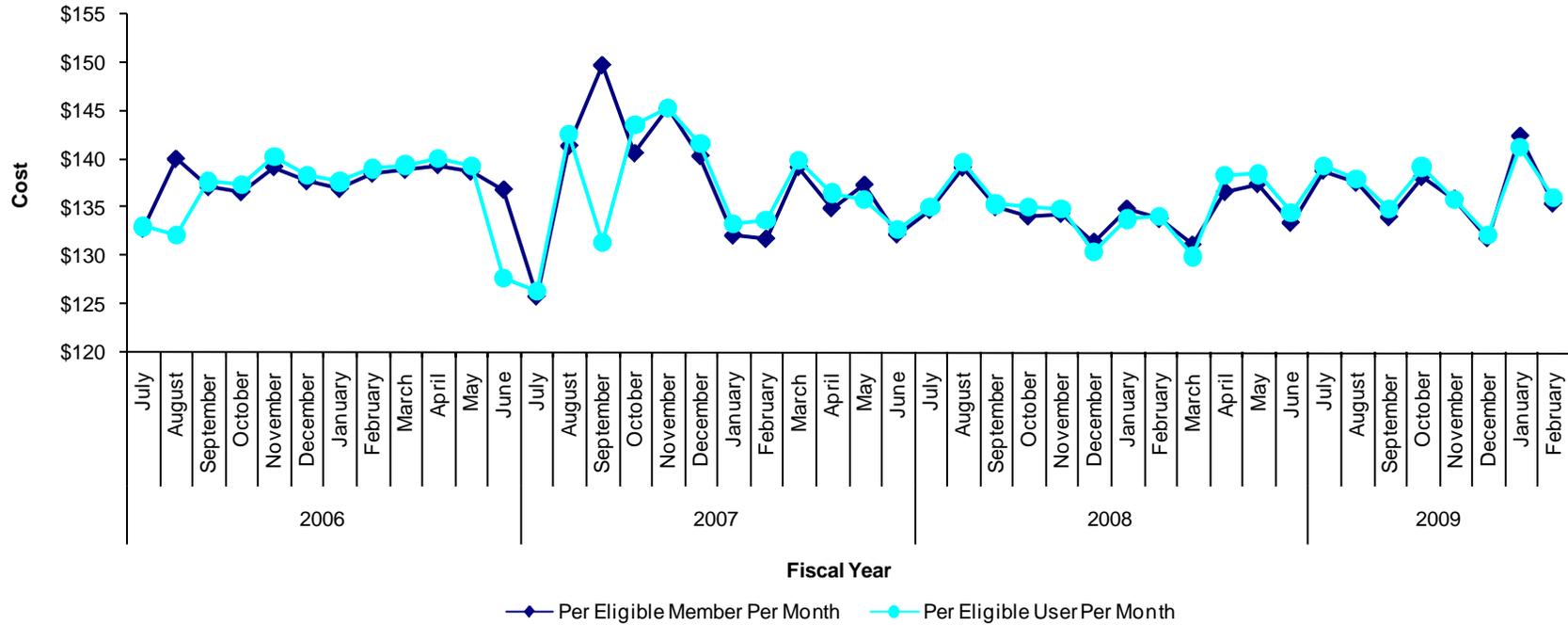


Source: Kansas Medical Assistance Report (MAR)  
[http://www.khpa.ks.gov/medicaid\\_reports/default.htm](http://www.khpa.ks.gov/medicaid_reports/default.htm)

\*The Kansas Medical Assistance Report is based on the Kansas Fiscal Year (July – June).

<b>Fiscal Year</b>	<b>Month</b>	<b>Per Eligible Member Per Month</b>	<b>Per Eligible User Per Month</b>
2006	July	\$565	\$662
	August	\$595	\$675
	September	\$675	\$758
	October	\$588	\$641
	November	\$573	\$652
	December	\$719	\$806
	January	\$585	\$685
	February	\$574	\$659
	March	\$687	\$768
	April	\$582	\$677
	May	\$577	\$675
	June	\$657	\$729
2007	July	\$566	\$672
	August	\$689	\$787
	September	\$646	\$720
	October	\$638	\$737
	November	\$716	\$819
	December	\$644	\$749
	January	\$633	\$741
	February	\$656	\$757
	March	\$769	\$875
	April	\$661	\$762
	May	\$801	\$799
	June	\$657	\$746
2008	July	\$559	\$655
	August	\$810	\$935
	September	\$787	\$776
	October	\$693	\$702
	November	\$808	\$843
	December	\$680	\$678
	January	\$770	\$767
	February	\$789	\$816
	March	\$714	\$711
	April	\$716	\$761
	May	\$802	\$838
	June	\$705	\$752
2009	July	\$774	\$825
	August	\$718	\$760
	September	\$697	\$742
	October	\$823	\$872
	November	\$740	\$778
	December	\$699	\$743
	January	\$790	\$787
February	\$719	\$761	

### SCHIP Expenditures Per Eligible Member Per Month and Per User Per Month



Source: Kansas Medical Assistance Report (MAR)  
[http://www.khpa.ks.gov/medicaid\\_reports/default.htm](http://www.khpa.ks.gov/medicaid_reports/default.htm)

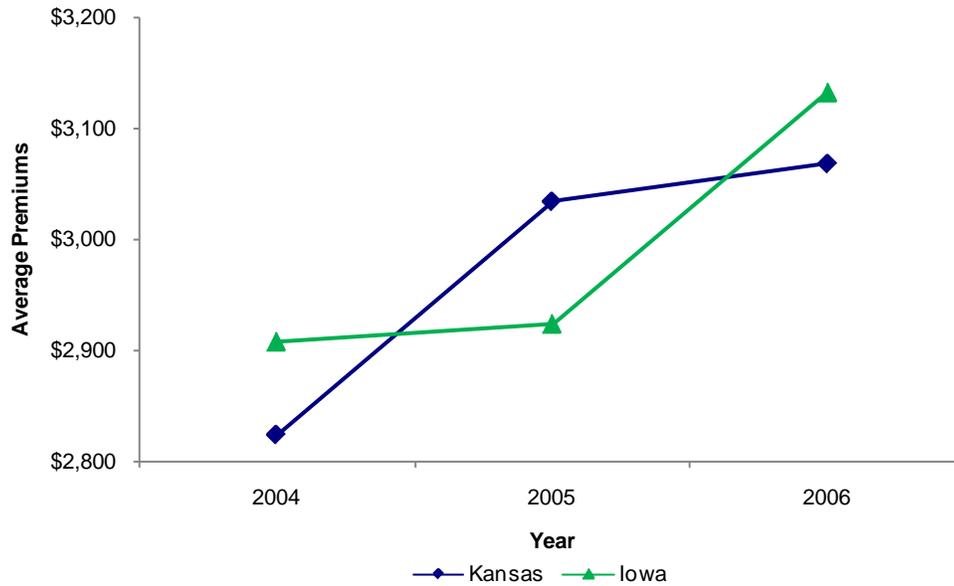
\*The Kansas Medical Assistance Report is based on the Kansas Fiscal Year (July – June).

<b>Fiscal Year</b>	<b>Month</b>	<b>Per Eligible Member Per Month</b>	<b>Per Eligible User Per Month</b>
2006	July	\$133	\$133
	August	\$140	\$132
	September	\$137	\$138
	October	\$137	\$137
	November	\$139	\$140
	December	\$138	\$138
	January	\$137	\$138
	February	\$138	\$139
	March	\$139	\$139
	April	\$139	\$140
	May	\$139	\$139
	June	\$137	\$128
2007	July	\$126	\$126
	August	\$141	\$143
	September	\$150	\$131
	October	\$141	\$144
	November	\$145	\$145
	December	\$140	\$142
	January	\$132	\$133
	February	\$132	\$134
	March	\$139	\$140
	April	\$135	\$137
	May	\$137	\$136
	June	\$132	\$133
2008	July	\$135	\$135
	August	\$139	\$140
	September	\$135	\$135
	October	\$134	\$135
	November	\$134	\$135
	December	\$131	\$130
	January	\$135	\$134
	February	\$134	\$134
	March	\$131	\$130
	April	\$137	\$138
	May	\$137	\$138
	June	\$133	\$135
2009	July	\$139	\$139
	August	\$138	\$138
	September	\$134	\$135
	October	\$138	\$139
	November	\$136	\$136
	December	\$132	\$132
	January	\$142	\$141
	February	\$135	\$136

# Private Spending

## Average Premiums Paid By Employer For Health Insurance Plans:

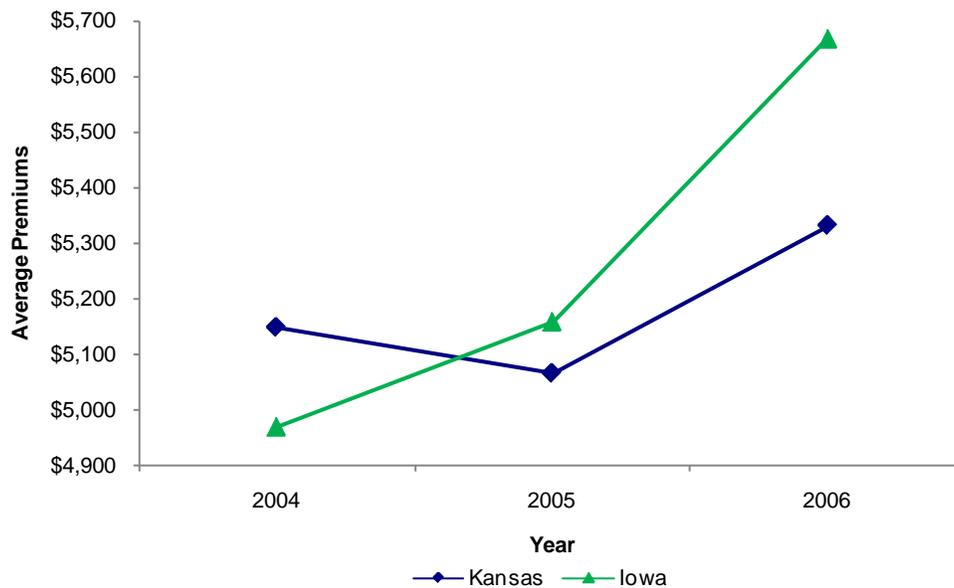
### Individual



Year	Kansas	Iowa
2004	\$2,824	\$2,908
2005	\$3,034	\$2,924
2006	\$3,068	\$3,132

Source: Medical Expenditure Panel Survey (MEPS)  
[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

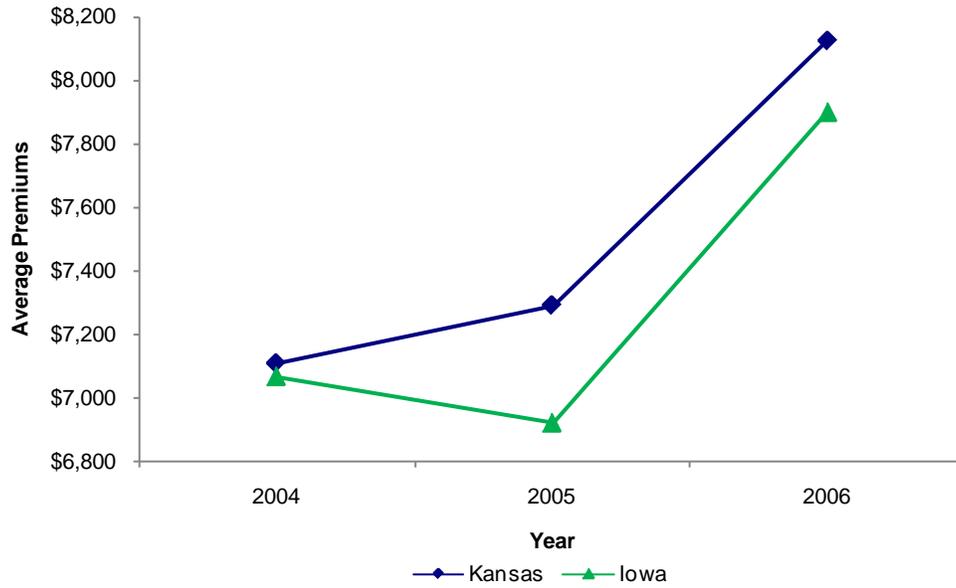
### Individual +1



Year	Kansas	Iowa
2004	\$5,149	\$4,970
2005	\$5,067	\$5,159
2006	\$5,331	\$5,668

Source: Medical Expenditure Panel Survey (MEPS)  
[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

*Family*



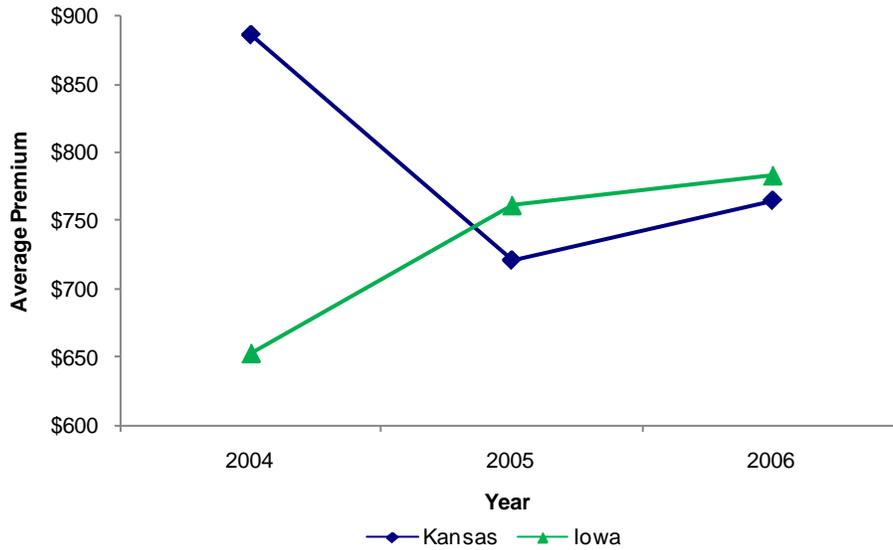
Year	Kansas	Iowa
2004	\$7,108	\$7,069
2005	\$7,291	\$6,923
2006	\$8,125	\$7,899

Source: Medical Expenditure Panel Survey (MEPS)  
[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

# Consumer Spending

Average Employee's Share of Premium For Health Insurance Plans:

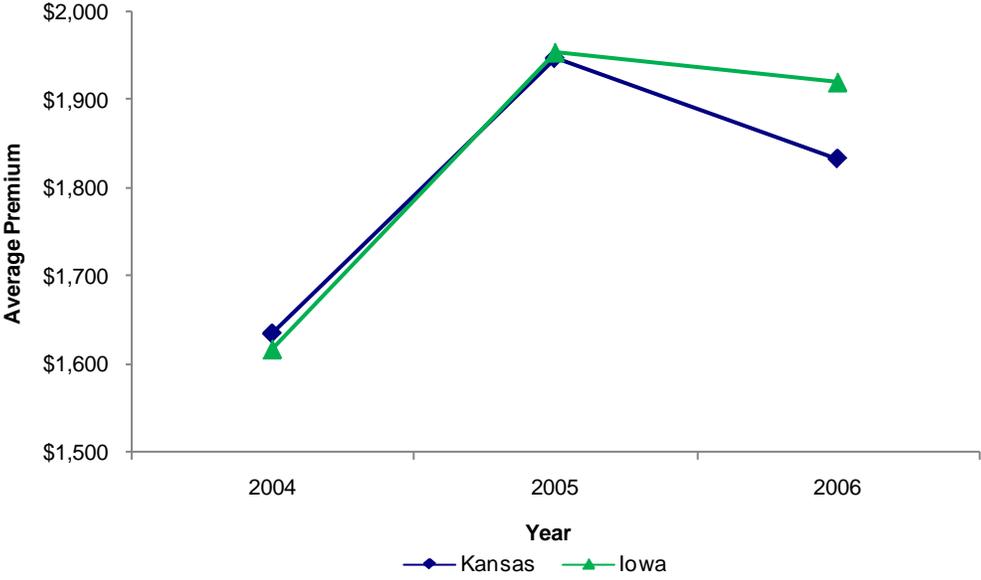
## Individual



Year	Kansas	Iowa
2004	\$887	\$653
2005	\$721	\$762
2006	\$765	\$784

Source: Medical Expenditure Panel Survey (MEPS)  
[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

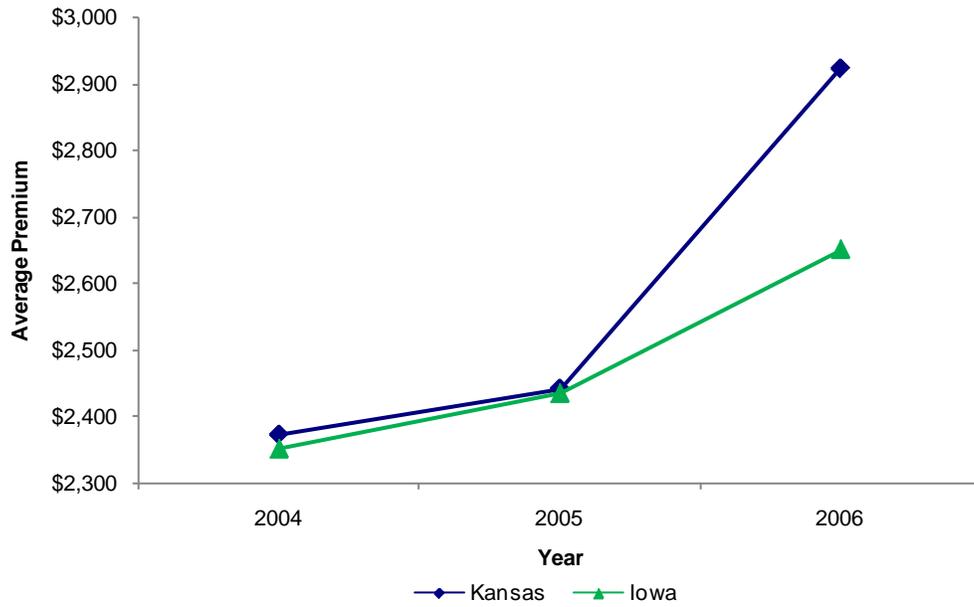
*Individual +1*



Year	Kansas	Iowa
2004	\$1,635	\$1,616
2005	\$1,948	\$1,954
2006	\$1,834	\$1,920

Source: Medical Expenditure Panel Survey (MEPS)  
[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

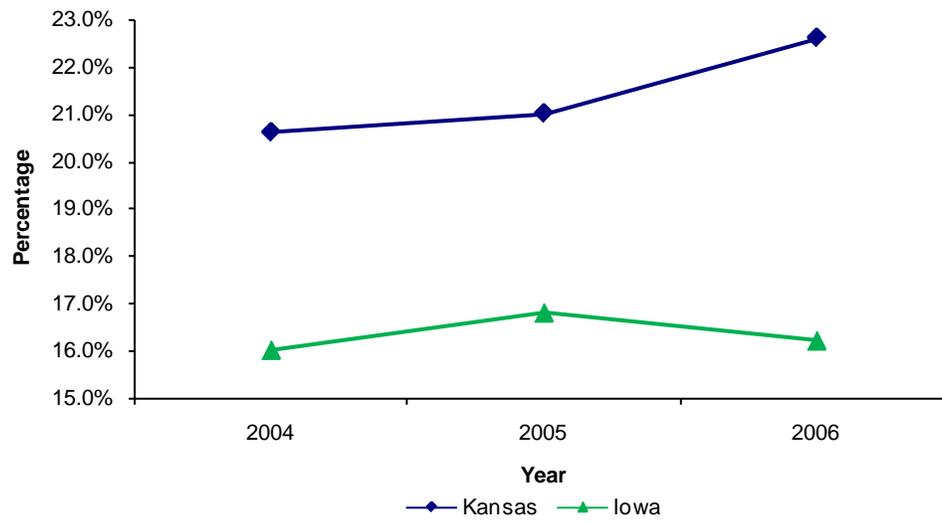
*Family*



Year	Kansas	Iowa
2004	\$2,374	\$2,353
2005	\$2,443	\$2,436
2006	\$2,923	\$2,651

Source: Medical Expenditure Panel Survey (MEPS)  
[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

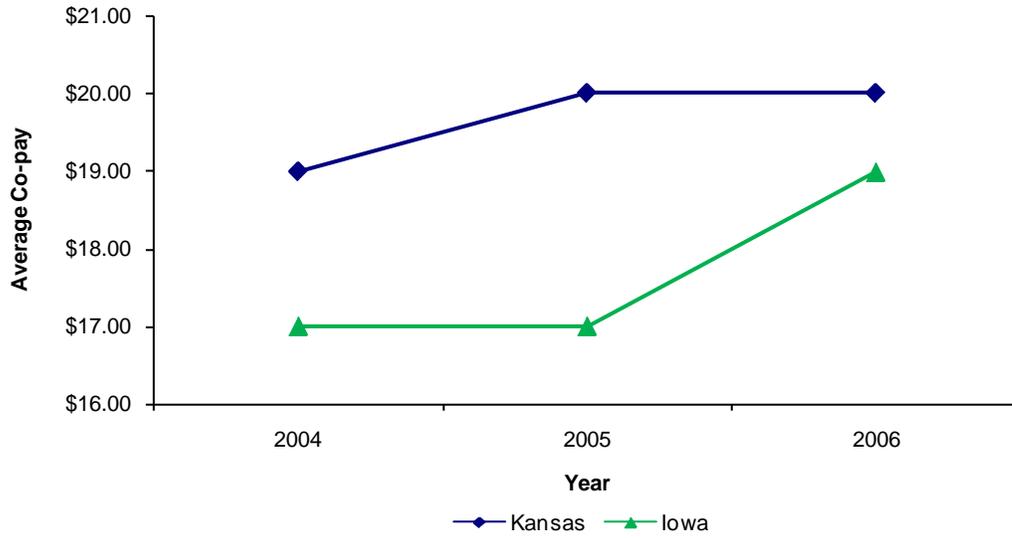
### Average Costs of Coinsurance



Year	Kansas	Iowa
2004	20.6%	16.0%
2005	21.0%	16.8%
2006	22.6%	16.2%

Source: Medical Expenditure Panel Survey (MEPS)  
[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

### Average Co-pays For Physician Office Visits

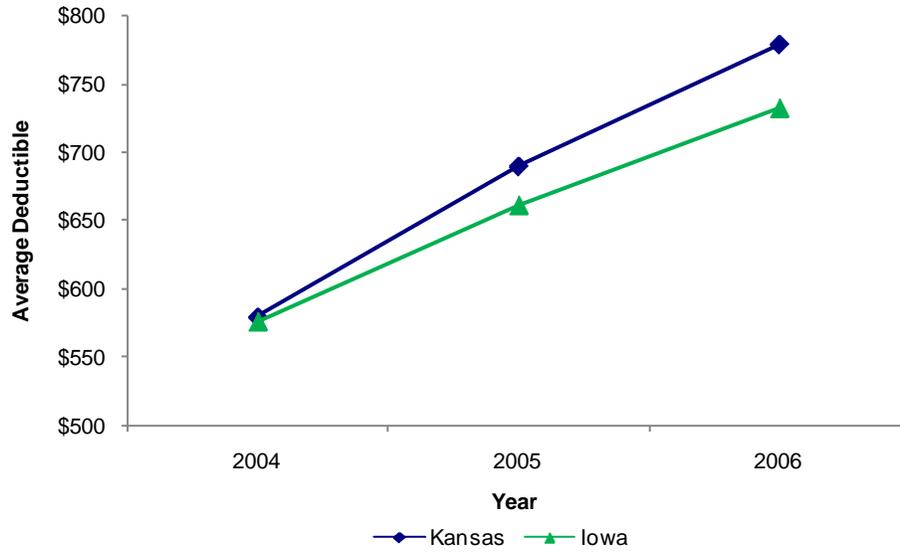


Year	Kansas	Iowa
2004	\$19.00	\$17.00
2005	\$20.00	\$17.00
2006	\$20.00	\$19.00

Source: Medical Expenditure Panel Survey (MEPS)  
[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

## Average Deductible for Health Insurance Plans At Private Sector Establishments:

### *Individual*

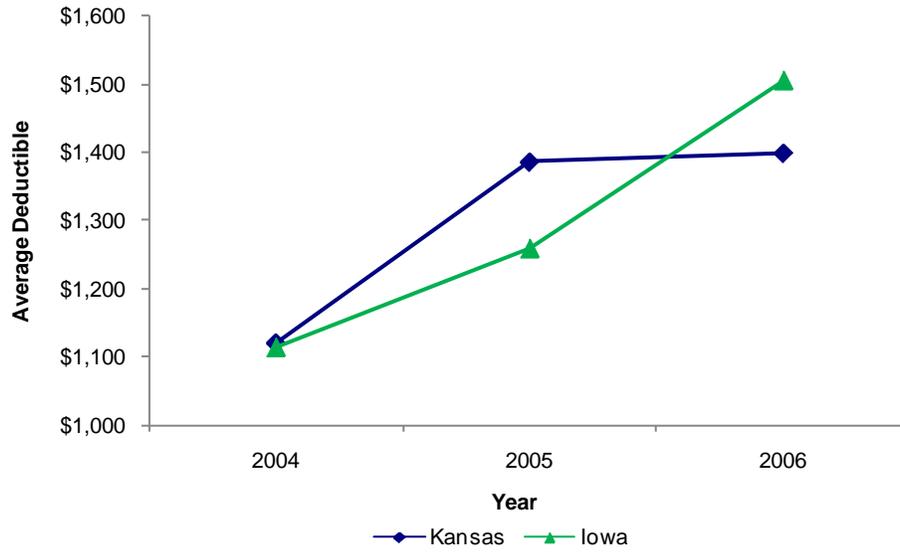


Year	Kansas	Iowa
2004	\$580	\$577
2005	\$690	\$662
2006	\$779	\$733

Source: Medical Expenditure Panel Survey (MEPS)

[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

*Family*

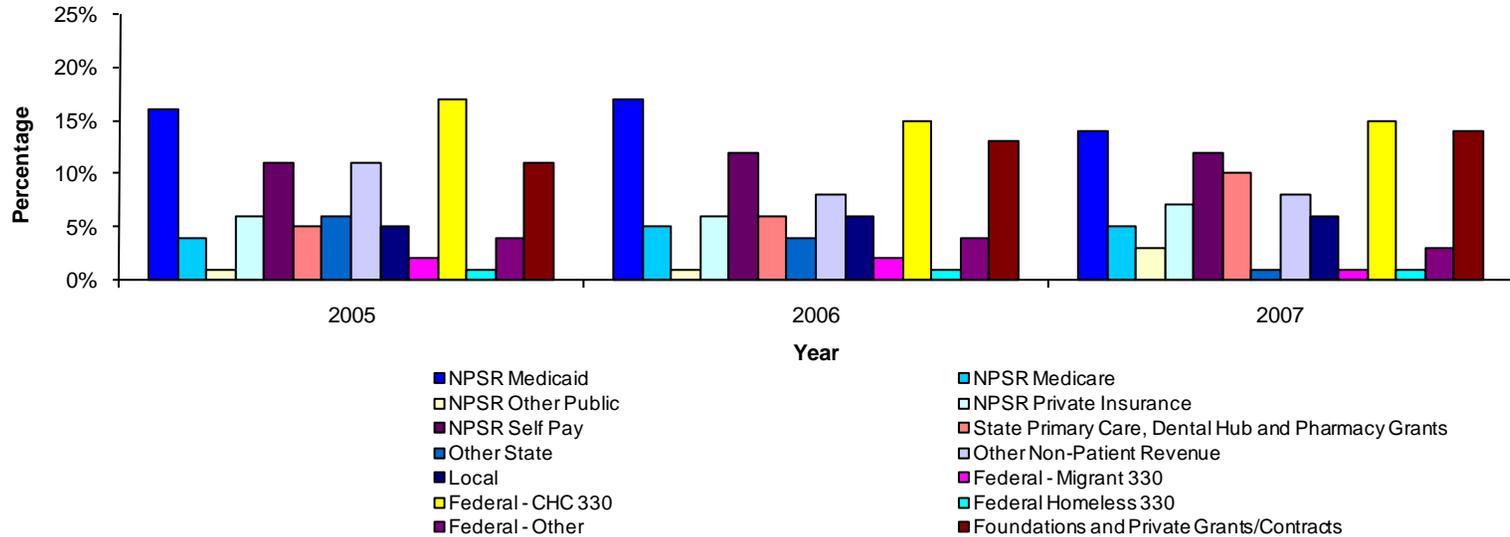


Year	Kansas	Iowa
2004	\$1,121	\$1,116
2005	\$1,387	\$1,260
2006	\$1,400	\$1,505

Source: Medical Expenditure Panel Survey (MEPS)  
[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

# Other Health Spending

## Safety Net Clinics Proportion of Operating Budget By Source of Funding

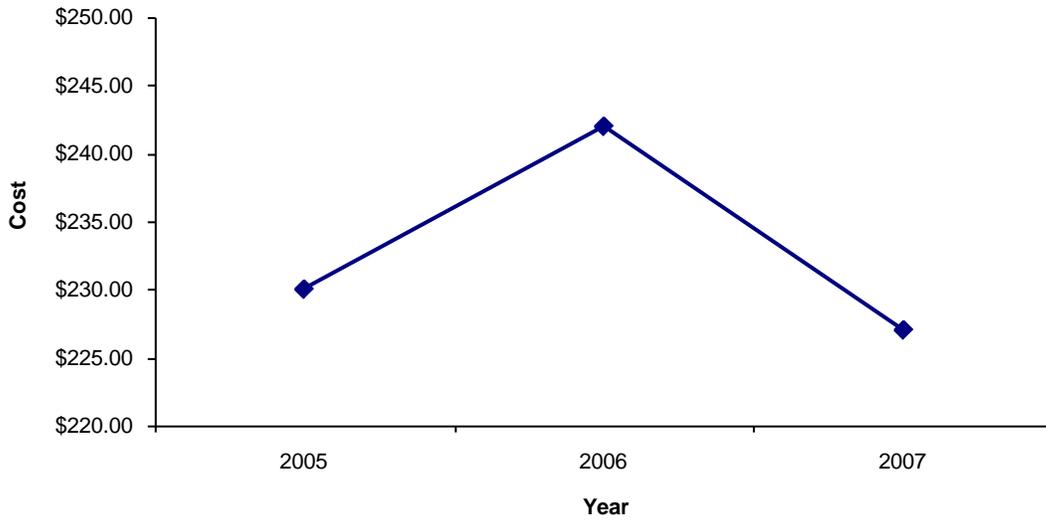


Year	NPSR Medicaid	NPSR Medicare	NPSR Other Public	NPSR Private Insurance	NPSR Self Pay	State Primary Care, Dental Hub and Pharmacy Grants	Other State	Other Non-Patient Revenue	Local	Federal - Migrant 330	Federal - CHC 330	Federal - Homeless 330	Federal - Other	Foundations and Private Grants/Contracts
2005	16%	4%	1%	6%	11%	5%	6%	11%	5%	2%	17%	1%	4%	11%
2006	17%	5%	1%	6%	12%	6%	4%	8%	6%	2%	15%	1%	4%	13%
2007	14%	5%	3%	7%	12%	10%	1%	8%	6%	1%	15%	1%	3%	14%

Source: Kansas Association for the Medically Underserved (KAMU)  
<http://www.kspca.org/>

\*NPSR – Net Patient Service Revenue

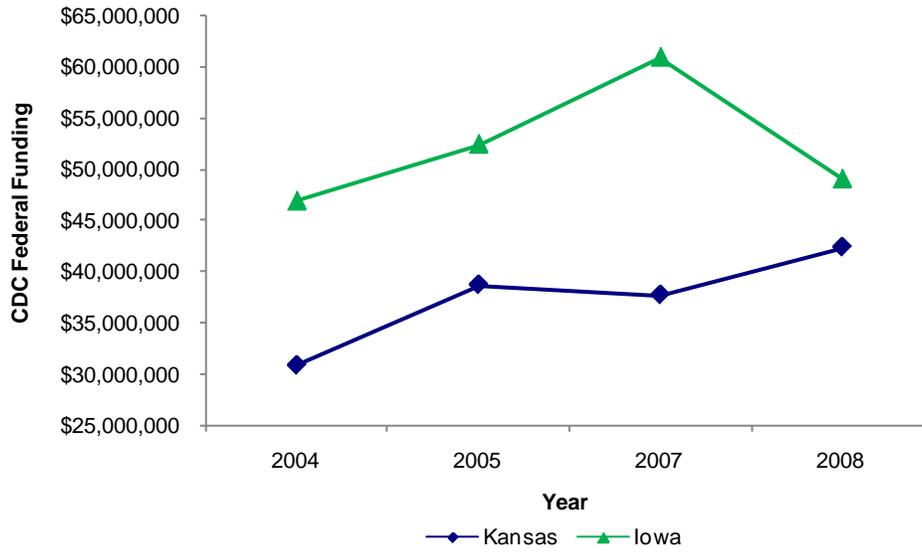
### Safety Net Clinic Cost Per User Per Calendar Year



Year	Kansas
2005	\$230.00
2006	\$242.00
2007	\$227.00

Source: Kansas Association for the Medically Underserved (KAMU)  
<http://www.kspca.org/>

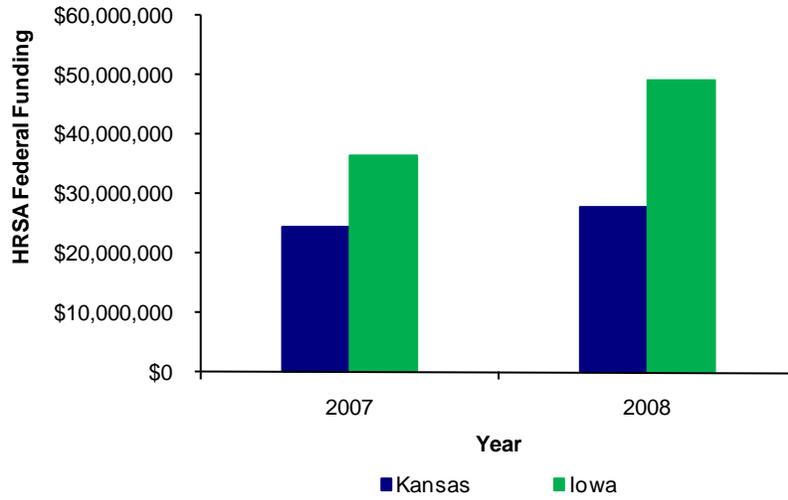
### Federal Funding for Public Health From CDC



Year	Kansas	Iowa
2004	\$30,904,064	\$47,009,832
2005	\$38,752,903	\$52,534,206
2007	\$37,769,383	\$60,990,707
2008	\$42,419,311	\$49,160,565

Source: Trust for America's Health (TFAH)  
<http://healthyamericans.org/assets/files/shortchanging09.pdf>

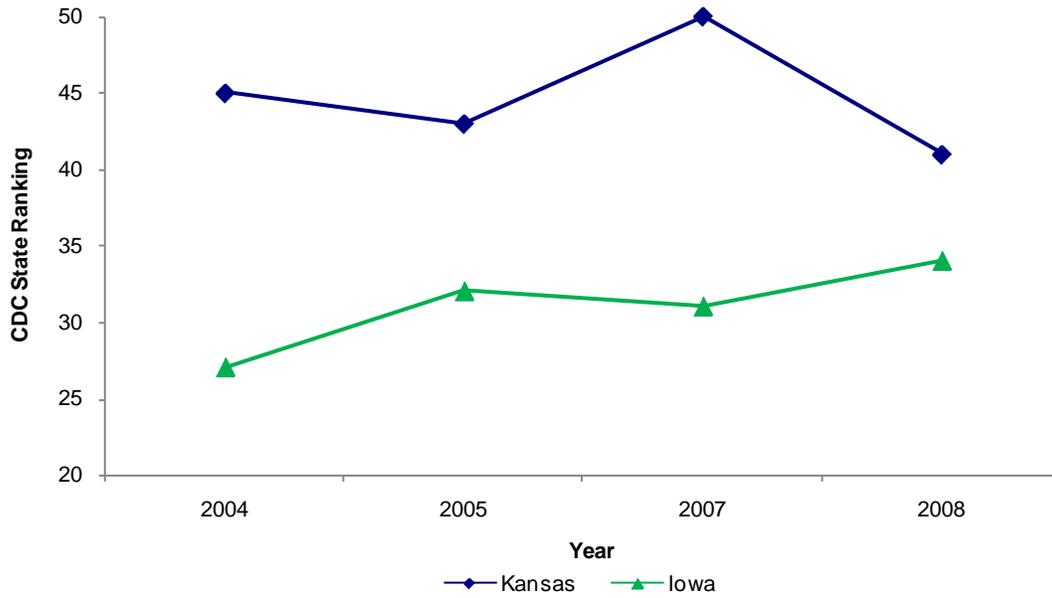
### Federal Funding for Public Health From HRSA



Year	Kansas	Iowa
2007	\$24,244,299	\$36,292,761
2008	\$27,646,209	\$49,097,111

Source: Trust for America's Health (TFAH)  
<http://healthyamericans.org/assets/files/shortchanging09.pdf>

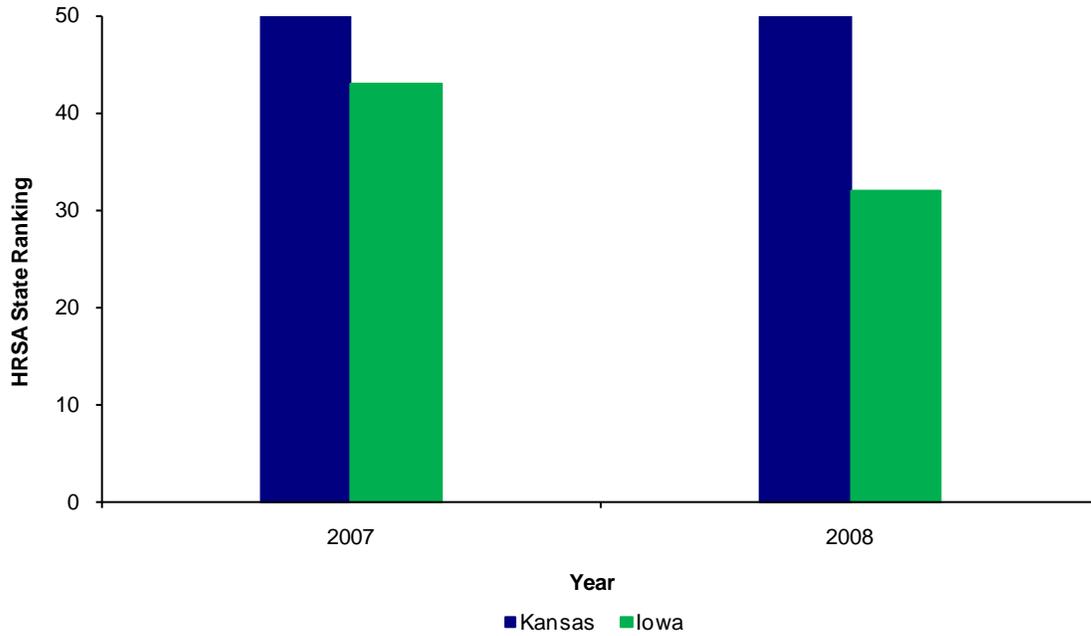
### State Ranking For Federal Funding From CDC (Per Capita)



Year	Kansas	Kansas per Capita CDC Funding	Iowa	Iowa per Capita CDC Funding
2004	45	\$11.50	27	\$16.06
2005	43	\$14.12	32	\$17.71
2007	50	\$13.61	31	\$20.41
2008	41	\$15.14	34	\$16.37

Source: Trust for America's Health (TFAH)  
<http://healthyamericans.org/assets/files/shortchanging09.pdf>

State Ranking For Federal Funding From HRSA (Per Capita)



Year	Kansas	Kansas per Capita HRSA Funding	Iowa	Iowa per Capita HRSA Funding
2007	50	\$8.73	43	\$12.15
2008	50	\$9.96	32	\$16.43

Source: Trust for America's Health (TFAH)  
<http://healthyamericans.org/assets/files/shortchanging09.pdf>

## Appendix A: Data Sources

### BRFSS - Behavioral Risk Factor Surveillance System/KDHE

<http://apps.nccd.cdc.gov/brfss/index.asp> (National)

<http://kdheks.gov/brfss/index.html> (Kansas)

Established in 1984 by the Centers for Disease Control and Prevention (CDC), the Behavioral Risk Factor Surveillance System (BRFSS) is a state-based system of health surveys that collects information on health risk behaviors, preventive health practices, and health care access primarily related to chronic disease and injury. For many states, the BRFSS is the only available source of timely, accurate data on health-related behaviors.

Currently, data are collected monthly in all 50 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and Guam. More than 350,000 adults are interviewed each year, making the BRFSS the largest telephone health survey in the world. States use BRFSS data to identify emerging health problems, establish and track health objectives, and develop and evaluate public health policies and programs. Many states also use BRFSS data to support health-related legislative efforts.

### Bureau of Labor Statistics

<http://www.bls.gov/>

The Bureau of Labor Statistics is the principal fact-finding agency for the Federal Government in the broad field of labor economics and statistics. With the strongest commitment to integrity and objectivity, the BLS will be premier among statistical agencies, producing impartial, timely, and accurate data relevant to the needs of our users and to the social and economic conditions of our Nation, its workers, and their families.

## CDC – Diabetes Data & Trends

<http://apps.nccd.cdc.gov/ddtstrs/>

The Data and Trends section, which includes the National Diabetes Fact Sheet and the National Diabetes Surveillance System, provides resources documenting the public health burden of diabetes and its complications in the United States. The Diabetes Indicators and Data Sources Internet Tool (DIDIT) is a user-friendly web-based tool designed to support surveillance, epidemiology, and program evaluation activities of state diabetes control programs.

## CDC – Pediatric & Pregnancy Nutrition Surveillance System

<http://www.cdc.gov/pednss/>

The Pediatric Nutrition Surveillance System (PedNSS) and the Pregnancy Surveillance System (PNSS) are program-based surveillance systems that monitor the nutritional status of low-income infants, children, and women in federally funded maternal and child health programs.

PedNSS data represent more than 7 million children from birth to age 5. PNSS data represent approximately 750,000 pregnant and postpartum women. These surveillance systems provide data that describe prevalence and trends of nutrition, health, and behavioral indicators for mothers and children.

Surveillance data available at this site include national data tables with contributor-specific data on health indicators. Data reports for individual contributors are not available at this site. These surveillance data can be used for program planning, management, and evaluation; for the development of health and nutrition interventions; and to monitor progress toward the *Healthy People 2010* objectives for the United States.

## CMHS – National Mental Health Information Center

<http://mentalhealth.samhsa.gov/cmhs/mentalhealthstatistics/>

The Center for Mental Health Services (CMHS) provides guidance and technical assistance to decision makers at all levels of government on the design, structure, content, and use of mental health information systems, with the ultimate goal of improving the quality of mental health programs and services delivery. CMHS operates the only program in the Nation that focuses on the development of data standards that provide the basis for uniform, comparable, high-quality statistics on mental health services, making it a model in the health care statistics field.

## CPS – Current Population Survey

<http://www.census.gov/cps/>

The Current Population Survey (CPS) is a monthly survey of about 50,000 households conducted by the Bureau of the Census for the Bureau of Labor Statistics. The survey has been conducted for more than 50 years.

The CPS is the primary source of information on the labor force characteristics of the U.S. population. The sample is scientifically selected to represent the civilian non-institutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 15 years of age and older. However, published data focus on those ages 16 and over. The sample provides estimates for the nation as a whole and serves as part of model-based estimates for individual states and other geographic areas.

Estimates obtained from the CPS include employment, unemployment, earnings, hours of work, and other indicators. They are available by a variety of demographic characteristics including age, sex, race, marital status, and educational attainment. They are also available by occupation, industry, and class of worker. Supplemental questions to produce estimates on a variety of topics including school enrollment, income, previous work experience, health, employee benefits, and work schedules are also often added to the regular CPS questionnaire.

CPS data are used by government policymakers and legislators as important indicators of our nation's economic situation and for planning and evaluating many government programs. They are also used by the press, students, academics, and the general public.

Data was obtained using the CPS Table Creator at [http://www.census.gov/hhes/www/cpstc/cps\\_table\\_creator.html](http://www.census.gov/hhes/www/cpstc/cps_table_creator.html)

## DSS – Decision Support System

DSS is the ad hoc reporting system for most MMIS (Medicaid Management Information System) data. Reports can be run breaking expenditures out in a variety of ways, including CMS category of service, PCA, population, time period, etc. Certain information is not available in DSS, such as Medicare buy-in and HIPPS. Expenditure data is grouped into many “universes” based on the MMIS subsystem; these include financial transactions (non-claim specific expenditures), beneficiary data, and expenditure data by claim type (inpatient, pharmacy, and dental, professional), expenditure data across claim types, encounter data from managed care plans, and enrolled provider data. Eligibility data is updated nightly and expenditure data is updated daily, weekly, and monthly.

## HCUP – Healthcare Cost and Utilization Project

<http://hcupnet.ahrq.gov/HCUPnet.jsp?Id=78D0989DFFDA1CAE&Form=DispTab&GoTo=MAINSEL&JS=Y>

HCUPnet is a free, on-line query system based on data from the Healthcare Cost and Utilization Project (HCUP). It provides access to health statistics and information on hospital inpatient and emergency department utilization.

## Healthy People CDC Wonder Data2010

<http://wonder.cdc.gov/data2010/obj.htm>

DATA2010 is an interactive database system developed by staff of the Division of Health Promotion Statistics at the National Center for Health Statistics, and contains the most recent monitoring data for tracking Healthy People 2010. Data are included for all the objectives and subgroups identified in the Healthy People 2010: Objectives for Improving Health. DATA2010 contains primarily national data. However, state-based data are provided as available. All data in DATA2010 are the most recent available and may include revisions or corrections. Therefore, some data may differ from data previously shown.

DATA2010 is updated quarterly. Updates include new data years, and possibly revisions to baseline data.

Healthy People 2010 contains 467 objectives that identify specific measures to monitor health in the first decade of the 21st Century.

Each objective includes a statement of intent, a baseline value for the measure to be tracked, and a target to be achieved by the year 2010. Objectives may include more than one measure. Each measure is shown separately in the database. Data for the population-based objectives may be presented separately for select populations, such as racial, gender, educational attainment, or income groups. The objectives are organized into 28 focus areas, each representing an important public health area.

## HHS – Hospital Compare Database

<http://www.hospitalcompare.hhs.gov/Hospital/Search/Welcome.asp?version=default&browser=IE%7C7%7CWinXP&language=English&defaultstatus=0&pagelist=Home>

In this tool you will find information on how well hospitals care for patients with certain medical conditions or surgical procedures, and results from a survey of patients about the quality of care they received during a recent hospital stay. This information will help you compare the quality of care hospitals provide. Talk to your doctor about this information to help you, your family and your friends make your best hospital care decisions.

Hospital Compare was created through the efforts of the Centers for Medicare & Medicaid Services (CMS), the Department of Health and Human Services, and other members of the Hospital Quality Alliance: Improving Care Through Information (HQA). The information on this website comes from hospitals that have agreed to submit quality information for Hospital Compare to make public.

## HHS – Nursing Home Compare Database

<http://www.medicare.gov/NHCompare/Include/DataSection/Questions/SearchCriteria.asp?version=default&browser=IE%7C7%7CWinXP&language=English&pagelist=Home&CookiesEnabledStatus=True&dest=NAV|Home|Search|SearchCriteria&Type=County#astep1a>

The primary purpose of the Nursing Home Compare Database is to provide detailed information about the past performance of every Medicare and Medicaid certified nursing home in the country.

## **KAMU – Kansas Association for the Medically Underserved**

<http://www.kspca.org/>

Founded in 1989 and incorporated as a 501(C)(3) non-profit corporation in 1990, the Kansas Association for the Medically Underserved (KAMU) became recognized nationally as the state Primary Care Association (PCA) in 1991. As the state PCA, KAMU is charged with providing training, technical assistance to and advocacy on behalf of federally funded Community Health Centers in Kansas.

KAMU's membership, however, goes beyond Federally Qualified Community Health Centers (FQHCs) to include other public and private non-profit organizations that deliver primary health care services regardless of an individual's ability to pay. Members range from faith-based clinics to county health departments, all founded with a spirit of community and with a belief that all people deserve access to quality health care. Forty-one organizations are members of KAMU.

## **KDHE Adolescent and Teenage Pregnancy Report**

<http://www.kdheks.gov/hci/teenpreg.html>

The Center's Office of Health Assessment annually publishes reports on adolescent and teenage pregnancy. Data collected from vital records on the pregnancy outcomes of stillbirths, abortions, and live births to women ages 10 to 19, as well as various subsets of these ages, are summarized in this report. Beginning in 2005 the report was renamed *Adolescent and Teenage Pregnancy Report, Kansas*, to better reflect the age range covered. Reports from 1995 to the most current year are available.

## **KDHE Center for Health and Environmental Statistics**

<http://www.kdheks.gov/ches/>

The Center provides reliable public health statistics. Vital records and the other public health data represent the basis for agency programs to improve birth outcomes, decrease infant mortality, identify mortality trends, decrease the spread of infectious diseases, and determine the health status of Kansans.

## KHA – Kansas Hospital Association

<http://www.kha-net.org/>

KHA is a voluntary non-profit organization existing to provide leadership and services to member hospitals. KHA is the lead organization in a group of companies and affiliates that provide a wide array of services to the hospitals of Kansas and the Midwest region.

## KHPA Licensure Database

The Licensure Database, part of the Healthcare Database, consists of licensing data from the eight Kansas professional credentialing boards (Kansas State Board of Healing Arts, Kansas Behavioral Sciences Regulatory Board, Kansas Dental Board, Kansas Board of Emergency Medical Services, Kansas Department of Health and Environment, Health Occupations Credentialing, Kansas State Board of Nursing, Kansas Board of Examiners in Optometry, Kansas State Board of Pharmacy), who collectively issue 66 healthcare unique licenses/permits.

Data in the Licensure Database is received monthly, generally within the first 5 working days, from each credentialing board. All boards send the following data: license number, license type/Profession, name and address of licensee, issue date/renewal date, license status (active, inactive, etc.). Some boards collect data on specialties of the Licensee (MDs, DOs, Dentists, Licensed Psychologists). Practice site data is collected by the Board of Healing Arts, Dental Board, and Board of Examiners in Optometry. Emergency Volunteer data is collected by the Board of Healing Arts and the Behavioral Sciences Regulatory Board. Various licensing boards collect data on race, gender, school attended, degree date, degree, business name, and licensee's birthday.

## KIC – Kansas Information for Communities/KDHE

<http://kic.kdhe.state.ks.us/kic/>

The Kansas Information for Communities (KIC) system is a table builder that gives users the chance to prepare their own queries for vital events and other health care data.

The Office of Vital Statistics receives and preserves vital records for events (births, deaths, marriages, and divorces) which occur in Kansas. The Office maintains more than 10 million vital records, adding approximately 100,000 new records annually. Over 360,000 certified copies of these records are issued to eligible requestors annually. The records maintained by this office are necessary for individuals to carry out day-to-day business such as obtaining passports, enrolling in schools, sports participation, starting new jobs, qualifying for subsidized housing, collecting life insurance benefits, and transferring property.

Data from the records also has important public health and social research significance. The data, considered the "gold standard" of public health data, can help determine which diseases and illnesses are problems in Kansas communities. For information on health care data and statistics, [click here](#).

## Kansas Statistical Abstract

[www.ipsr.ku.edu/ksdata/ksah](http://www.ipsr.ku.edu/ksdata/ksah)

The Kansas Statistical Abstract contains the latest available state, county, and city-level data for Kansas on population, vital statistics and health, housing, education, business and manufacturing, exports, employment, income, finance, state and local government, crime, recreation, communications, transportation, agriculture, climate, energy, and mining and mineral products.

## Kansas Trauma Registry

<http://www.kstrauma.org/registry.htm>

The Kansas Trauma Registry is a statewide data repository for traumatic injuries occurring in Kansas and/or treated by hospitals in Kansas. The registry collects demographic, pre-hospital, clinical and outcome data that is used by the Kansas Trauma Program for system surveillance, evaluation and performance improvement.

## **KIDS Count**

[http://www.kidscount.org/datacenter/compare\\_results.jsp?i=70](http://www.kidscount.org/datacenter/compare_results.jsp?i=70)

KIDS COUNT is a national and state-by-state project of the Casey Foundation to track the status of children in the United States. At the national level, the principal activity of the initiative is the publication of the annual KIDS COUNT Data Book, which uses the best available data to measure the educational, social, economic, and physical well-being of children state by state. The Foundation also funds a national network of state-level KIDS COUNT projects that provide a more detailed, county-by-county picture of the condition of children. The first national KIDS COUNT Data Book was published in 1990.

## **MAR – Kansas Medical Assistance Report**

[http://www.khpa.ks.gov/medicaid\\_reports/default.htm](http://www.khpa.ks.gov/medicaid_reports/default.htm)

The Kansas Medical Assistance Report is a public summary that tracks the medical expenses of all Kansas Medical Assistance Programs.

## **MEPS – Medical Expenditure Panel Survey**

[http://www.meps.ahrq.gov/mepsweb/data\\_stats/state\\_tables.jsp](http://www.meps.ahrq.gov/mepsweb/data_stats/state_tables.jsp)

The Medical Expenditure Panel Survey (MEPS) is a set of large-scale surveys of families and individuals, their medical providers, and employers across the United States. MEPS is the most complete source of data on the cost and use of health care and health insurance coverage.

## NHEA – National Health Expenditure Accounts

[http://www.cms.hhs.gov/NationalHealthExpendData/05a\\_NationalHealthAccountsStateHealthAccountsProvider.asp](http://www.cms.hhs.gov/NationalHealthExpendData/05a_NationalHealthAccountsStateHealthAccountsProvider.asp)

### National Health Expenditures

Historical spending measures annual health spending in the U.S. by type of service delivered (hospital care, physician services, nursing home care, etc.) and source of funding for those services (private health insurance, Medicare, Medicaid, out-of-pocket spending, etc.).

Projections are based on the National Health Expenditures and are estimates of spending for health care in the U.S. over the next decade. Projections are presented by type of service delivered (hospital care, physician services, nursing home care, etc.) and by source of funding for those services (private health insurance, Medicare, Medicaid, out-of-pocket spending, etc.).

### Age Estimates

### State Health Expenditures

Personal health care (PHC) expenditures by State of Provider are estimates of health spending by the location of health care providers in the 50 States and in the District of Columbia. These estimates are presented by the type of establishment delivering care (hospitals, physicians, nursing homes, etc.) and by source of funding (Medicare and Medicaid).

Personal health care (PHC) expenditures by State of Residence are based on State of Provider estimates adjusted for the flow of residents between states in order to consume health care services. These estimates present health spending on behalf of residents in the 50 States and in the District of Columbia. Included are estimates of aggregate and per capita health spending by type of establishment delivering care (hospital, physicians, nursing home, etc.). Per enrollee spending for Medicare and Medicaid are also presented by type of establishment.

## **NIS – National Immunization Survey**

<http://www.cdc.gov/vaccines/stats-surv/imz-coverage.htm#nisadult>

The NHIS is a nationwide survey of adults and children, providing information on vaccinations and other health data. The National Health Interview Survey (NHIS), conducted since 1957 by the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention, is a continuing, nationwide sample survey in which data are collected through personal household interviews. Information is obtained on personal and demographic characteristics, including race and ethnicity, by self-reporting or as reported by another household member. Information is also obtained on illnesses, injuries, impairments, chronic conditions, health behaviors, access to health care and utilization of health resources, and other topics. A child immunization supplement has been included in the NHIS since 1991, and the survey is also an important source of information about nationwide adult vaccination coverage. Since 1994, the information collected from households with children 12 to 35 months of age has been supplemented with information from health care provider records.

The tables and articles below describe vaccination coverage in adults in the United States for influenza, pneumococcal, and tetanus vaccines, using results from the National Health Interview Survey (NHIS).

## **SRS – Kansas Department of Social and Rehabilitative Services**

<http://www.srskansas.org/>

SRS offers a variety of services to children and families such as child protective services, family based assessments, family support services, eligibility determination, and information and referral. Child welfare services are provided in local SRS offices across the state of Kansas.

## TFAH – Trust for America's Health

<http://healthyamericans.org/assets/files/shortchanging09.pdf>

Trust for America's Health (TFAH) is a non-profit, non-partisan organization dedicated to saving lives by protecting the health of every community and working to make disease prevention a national priority.

By focusing on PREVENTION, PROTECTION, and COMMUNITIES, TFAH is leading the fight to make disease prevention a national priority, from Capitol Hill to Main Street. We know what works. Now we need to build the resolve to get it done.

## USCS – United States Cancer Statistics

<http://apps.nccd.cdc.gov/uscs/Table.aspx?Group=TableGeo&Year=2004&Display=n>

This web based report includes the official federal statistics on cancer incidence from registries that have high-quality data and cancer mortality statistics for each year and 2002–2004 combined. It is produced by the Centers for Disease Control and Prevention (CDC) and the National Cancer Institute (NCI), in collaboration with the North American Association of Central Cancer Registries (NAACCR).

## US Census Bureau American Factfinder

<http://factfinder.census.gov/home/saff/main.html?lang=en&ts>

The Census Bureau conducts many censuses and surveys. The most well-known is the official population census of the United States, called the decennial census. It is conducted every ten years, most recently in April 2000. During each decennial census, the Census Bureau collects data from every household in the U.S. and its territories.

Besides the decennial census, the Census Bureau conducts nearly one hundred other surveys and censuses every year. By law, no one is permitted to reveal information from these censuses and surveys that could identify any person, household, or business. Individual records from each decennial census are made public 72 years after the census has been taken.

## US Census Bureau's Statistics of US Businesses via County Business Patterns

<http://www.census.gov/csd/susb/susb05.htm>

County Business Patterns is an annual series that provides subnational economic data by industry. The series is useful for studying the economic activity of small areas; analyzing economic changes over time; and as a benchmark for statistical series, surveys, and databases between economic censuses. Businesses use the data for analyzing market potential, measuring the effectiveness of sales and advertising programs, setting sales quotas, and developing budgets. Government agencies use the data for administration and planning.

County Business Patterns covers most of the country's economic activity. The series excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees, and most government employees. The County Business Patterns program has tabulated on a North American Industry Classification System (NAICS) basis since 1998. Data for 1997 and earlier years are based on the Standard Industrial Classification (SIC) System. For more information on the relationship between the two systems, see the Bridge Between NAICS and SIC.

This series has been published annually since 1964 and at irregular intervals dating back to 1946. The comparability of data over time may be affected by definitional changes in establishments, activity status, and industrial classifications.

## WISQARS Years of Potential Life Lost (YPLL) Reports

<http://webapp.cdc.gov/sasweb/ncipc/ypll10.html>

WISQARS (Web-based Injury Statistics Query and Reporting System) is the Injury Center's interactive, online database that provides customized injury-related mortality data and nonfatal injury data. This data is useful for research and for making informed public health decisions.

## YRBSS - Youth Risk Behavior Surveillance System/KDHE

<http://apps.nccd.cdc.gov/yrbss/>

The Youth Risk Behavior Surveillance System (YRBSS) monitors priority health-risk behaviors and the prevalence of obesity and asthma among youth and young adults. The YRBSS includes a national school-based survey conducted by the Centers for Disease Control and Prevention (CDC) and state, territorial, tribal, and local surveys conducted by state, territorial, and local education and health agencies and tribal governments.