

## Appendix B.1 Pregnant Women and Infant Indicators

Pregnant Women Indicators										
			Kansas		United States					
Indicator Source	Code		KS Number	KS Statistic	US Statistic	Healthy People 2010 Goal_Obj Code	Kansas Data Source	National Data Source	County Level Data	Comments
<b>Demographic Data</b>										
KIC		Percent of population that are females		50.5% (2002)			KIC, 6/04		Yes	resident data
KIC		Percent of population that are females (15-44)		21.1% (2002)						
KIC		Live birth rate per 1,000 population (live births/total population)		14.5 (2002)	13.9 (2002)		CHES	NVSS,52(2)	Yes	resident data
<b>Teenagers</b>										
NPM_8, Miller, 1989	Preg1	The rate of birth (per 1,000) for teenagers (females) aged 15 through 17 years.	1,261 (2002)	21.2 (2002)	23.2 (2002)		CHES	NVSS,52(10)	Yes	resident data
	Preg2	Pregnancy rate per 1,000 adolescents (females) ages 15-17	1,684 (2002)	28.3 (2002)			CHES, Annual Report, T19, Teenage Pregnancy Report		Yes	resident data, pregnancy numbers include live births, fetal deaths, and abortions
	Preg3	Pregnancy rate per 1,000 adolescents (females) ages 15-19	5,500 (2002)	60.7(1999) 54.7(2002)	86.7 (1999)		CHES, Annual Report, T19, Teenage Pregnancy Report	NVSS,52(10)	Yes	resident data, pregnancy numbers include live births, fetal deaths, and abortions
<b>Socioeconomic Indicator</b>										
JSNA	Preg4	Percent of live births to women with less than 12 years of education	7,306 (2002)	18.6% (2002)	21.5% (2002)		CHES, Perinatal Casualty Study	NVSS,52(10)	Yes	resident data, % where ed. level stated
<b>Health Status/Health Risk Indicators</b>										
PRAMS, HP2010	Preg5	Prevalence of unintended pregnancy among women having a live birth		42.4% (1998)		30% (9.1)	BRFSS		No	Question: Thinking back to just before you got pregnant, how did you feel about becoming pregnant? (among women currently pregnant)
PRAMS	Preg6	Prevalence of drinking alcohol in the 3 months before conception		17.7%(2001 CY) 18.9 %(2003 FFY)	10.5% (2000 CY)		WIC, Table 10, PNS	PNSS	Yes	
PRAMS	Preg7	Prevalence of drinking alcohol during the last 3 months of pregnancy		0.6% (2001CY) 0.3% (2003, FFY)	0.8% (2000 CY)		WIC, Table 10, PNS	PNSS	Yes	
HP2010	Preg8	Percent of live births where the mother reported smoking during pregnancy	4,780 (2002)	12% (2002)	11.4% (2002)	1% (16-17c)	CHES, Perinatal Casualty Study	NVSS,52(10)	Yes	Birth certificate data
JSNA	Preg9	Percent linguistically isolated (language spoken at home is other than English)	84,530 (2002)	7.6% (2002)			U. S. Census, Am. Comm. Survey		No	In pop 5 years and over
<b>Health System Indicators - Prenatal Care</b>										
NPM_18, HP2010	Preg10	Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester.		86.6% (2002)	82.1% (2002)	90% (16.6a)		NVSS,52(10)		
HP2010	Preg11	Increase the proportion of pregnant women who receive early and adequate prenatal care (APNCU).		79.4% (2002)	74.6% (2002)	90% (16.6b)	Pregnancy Research Summary		Yes	Resident Data, Percent of live births
<b>Health System Indicators - Postpartum</b>										
NPM_11	Preg12	Percentage of mothers who breast-fed their infants at hospital discharge.		72.2% (2002)	70.1%(2002)	75% (16-19a)	Mother's Survey, Ross Products	Mother's Survey, Ross Products	Not with this data source	
<b>Mortality</b>										
Peoples-Sheps, 1998	Preg13	Maternal mortality ratio (No. of deaths due to pregnancy or within 42 days of termination of pregnancy from any cause related to or aggravated by the pregnancy but not accidental or incidental cause/No. of live births	3 (2002)						No	ICD-10 coding (O00-O99)

Infant Indicators			Kansas		United States					
Indicator Source	Code		Number, if appropriate	KS Statistic	US Statistic	Healthy People 2010 Goal/Obj.	Kansas Data Source	National Data Source	County Level Data	Comments
<b>Demographics</b>										
CHES		Kansas Live Residence Births	39,338 (2002)							Resident data
CHES		White	34,740							
CHES		Black or African American	2,872							
CHES		American Indian or Native Alaskan	443							
CHES		Asian or Native Hawaiian or Other PI	1,163							
CHES		Other and Unknown	120			C				
CHES		Hispanic	5,006							
CHES		Non-Hispanic	32,081							
CHES		Ethnicity Unknown	2,251							
<b>Mortality Indicators</b>										
NOM_01, HP2010	Inf1	Infant mortality rate per 1,000 live births	282 (2002)	7.2 (2002)	7 (2002)	4.5 (16.1c)	CHES, Annual Report	NVSS,52(13)	Yes	Resident data
PPOR	Inf2	Fetal deaths at 24 or more weeks of gestation per 1,000 live births					CHES		Yes	Resident data
HP2010, NOM_5	Inf3	The perinatal mortality rate per 1,000 live births	234 (2002)	5.9 (2002)		4.5 (16.1b)	CHES		Yes	Resident data
NOM_3	Inf4	Neonatal Deaths (<28 days) per 1,000 live births	192 (2002)	4.9 (2002)	4.7 (2002)	2.9 (16.1d)	CHES, Annual Report		Yes	Resident data
NOM_4	Inf5	Postneonatal mortality (28 days-<1 year) per 1,000 live births	90 (2002)	2.8 (2001) 2.3	2.3(2001)	1.2 (16.1e)	CHES	NVSS,52(2)	Yes	Resident data
Peoples-Sheps,1998	Inf6	Postneonatal mortality of term infants weighing < 2500 g at birth							Yes	Resident data
HP2010	Inf7	All infant deaths from all birth defects per 1,000 live births	63 (2002)	1.6 (2002)	1.4(2002)	1.1 (16.1f)	CHES, Annual Report	NVSS,52(13)	Yes	Resident data
HP2010	Inf8	Infant death rate from sudden infant death syndrome per 1,000 live births.	46 (2002)	1.2 (2002)	0.51(2002)	0.25 (16.1h)	CHES, Annual Report	NVSS,52(13)	Yes	Resident data
NOM_2	Inf9	The ratio of the black infant mortality rate to the white infant mortality rate.		2.5 (2002)	2.5(2002)		CHES, Annual Report	NVSS,52(13)	Yes	Resident data
<b>Health Status</b>										
NPM_01	Inf10	The percent of newborns who are screened and confirmed with condition(s) mandated by their State-sponsored newborn screening programs (e.g. phenylketonuria and hemoglobinopathies) who receive appropriate follow up as defined by their State.	24 (2002)	100% (2002)			Newborn Screening Program		Yes	Occurance data
NPM_12	Inf11	Percentage of newborns who have been screened for hearing before hospital discharge.		90.4% (2003)					Yes	Occurance data
<b>Health Risk Indicators</b>										
HP2010	Inf12	Rate per 1,000 live births with congenital anomalies	519 (2002)	13.2 (2002)			CHES, Perinatal Casualty Report		Yes	Resident data
<b>Low Birth Weight Infants</b>										
Miller, 1989, HSI_01A	Inf13	Percent of live births weighing less than 2500 g. (5.5 lb).	2,758 (2002)	7.0% (2002)	6.1% (2002)	5.0% (16-10a)	CHES	NVSR,52(10)	Yes	Resident data
HSI_01B	Inf14	Percent low birth weight (below 2,500 grams) among all live singleton births	2,018 (2002)	5.3% (2002)			CHES		Yes	Resident data
NPM_15, HSI_02A	Inf15	The percent of very low birth weight infants among all live births.	515 (2002)	1.3% (2002)	1.1% (2002)	0.9% (16-10b)	CHES	NVSR,52(10)	Yes	Resident data
HSI_02B	Inf16	Percent low birth weight (below 1,500 grams) singleton births	358 (2002)	0.9% (2002)			CHES		Yes	Resident data
<b>Health System Indicator</b>										
NPM_17	Inf17	Percent of very low birth weight infants delivered at facilities for high-risk deliveries and neonates.		82.6% (2002)		90% (16-8)			Yes	Resident data

**Abbreviations:**

CHES - Centers for Health & Environmental Statistics, KDHE

HP2010 - Healthy People 2010

HSI - Health status indicator from Maternal Child Health (MCH) Block Grant

HSCI - Health Systems Capacity Indicator from Maternal Child Health Block Grant

JSNA - MCH State Needs Assessment

KIC - Kansas Information for Communities

NOM - National Outcome Measure from Maternal Child Health Block Grant

NPM - National Performance Measure from Maternal Child Health (MCH) Block Grant

PRAMS - Pregnancy Risk Assessment Monitoring System

## Appendix B.2 Child and Adolescent Indicators

Indicator Source	Code	Children and Adolescents Indicators	Kansas		United States		KS Data Source	US Data Source	County Level Data	Comments
			KS Number if Appropriate	KS Statistic	US Statistic	Healthy People 2010 Goal				
<b>Demographics</b>										
		Children ages 0-24	988,028 (2002)				U.S. Census			
		White	868,740							
		Black or African American	81,781							
		American Indian or Native Alaskan	13,779							
		Asian or Native Hawaiian or Other PI	23,728							
		Hispanic	105,498							
		Non-Hispanic	882,530							
<b>Socioeconomic Factors</b>										
<b>Grandparents</b>										
		Number of grandparents with their own grandchildren under 18 years in households	34,337 (2002)				U.S. Census, Am. Comm. Survey	U.S. Census, Am. Comm. Survey	No, 2002, Yes, 2000	
		Percent of grandparents responsible for their grandchildren under 18 years of age who are in poverty		16% (2002)	18.2% (2002)		U.S. Census, Am. Comm. Survey	U.S. Census, Am. Comm. Survey	No, 2002, Yes, 2000	
<b>Other Socioeconomic Factors</b>										
		Percent of individuals with related children under 5 years below poverty in the past 12 months		21.2%(2002)				US Census		
		Percent of individuals with related children 5-17 below poverty in the past 12 months		13.4%(2002)				US Census		
		Percent of children under 19 years of age at or below 200% of the Federal Poverty level without health insurance (three-year averages for 2000, 2001, and 2002).	39,000	5.50%	7.50%		US Census			
<b>Health Status/Health Risk Indicators</b>										
NPM_13	CA1	Percent of children without health insurance.	57,000 (2002)	8.1% (2002)	11.6% (2002)		US Census	US Census	No	Children/adolescents aged < 18
Peoples-Sheps, 1998	CA2	The percent of children who are overweight.		14.3%(2002)	13.5% (2002)	5% (age 6-19)	PedNS Summary, Table 2c	PedNSS 2002 Report, CDC	Yes	Children ages 2-5
Peoples-Sheps, 1998	CA3	Prevalence of anemia in children		10.0% (2002)	13.1% (2002)	5% (age 1-2) 1% (age 3-4)	PedNSS 2002 Report, CDC	PedNSS 2002 Report, CDC	Yes	Children aged < 5
NPM_7	CA4	Percent of 19 to 35 month olds who have received full schedule of age appropriate immunizations against Measles, Mumps, Rubella, Polio, Diphtheria, Tetanus, Pertussis, Haemophilus Influenza, and Hepatitis B.		66.8% (2002)	74.8% (2002)	90%	National Immunization Survey	National Immunization Survey	No	
NPM_9	CA5	Percent of third grade children who have received protective sealants on at least one permanent molar tooth.	196,208 (2002)	45.1%(2002)			BRFSS		No	Data in BRFSS not by grade. BRFSS data, 2002, indicates that 45.1 % of children 7-17 had dental sealants placed on his/her teeth

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Indicator Source	Code	Children and Adolescents Indicators	Kansas		United States		KS Data Source	US Data Source	County Level Data	Comments
			KS Number if Appropriate	KS Statistic	US Statistic	Healthy People 2010 Goal				
HSCI_7	CA6	Percent of children who have received dental care.	13,526 (2002)	37.5%(2002)			SRS		Yes	Percent of Kan be Healthy eligible children aged 6-9 who have received at least one dental screen
Miller, 89	CA7	The rate/1,000 of children under 18 years of age who are victims of child abuse and neglect.		10.2 (2001)	12.4 (2001)	10.3	Child Maltreatment 2001, NCANDS		No	
Miller, 89	CA8	The number of children within a defined population found to have blood lead levels of >=10 micrograms/deciliter	262(2001)				Childhood Lead Poisoning Prevention Program		Yes	Children 6 years and under
HP2010	CA9	Reduce use of cigarettes in past month by students in grades 9 through 12 to 16%.		26.1%(2000) 21.1%(2002)	28.0%(2000)	16%	Tobacco Use Prevention program	TIPS, CDC	No	
<b>Motor Vehicle Crashes</b>										
NPM_10	CA10	The rate of deaths to children aged 14 years and younger caused by motor vehicle crashes per 100,000 children	29 (2002)	6.1(2001) 5.1(2002)	4.1(2001)		CHES	WISQARS	Yes	Unintentional Injury
HS_03C	CA11	The death rate per 100,000 from unintentional injuries due to motor vehicle crashes among youth aged 15 through 24 years.	164 (2002)	39.6 (2002)					Yes	
HS_04B	CA12	The rate per 100,000 of nonfatal injuries due to motor vehicle crashes among children aged 14 years and younger.	169 (2002)	28.7 (2002)			KDOT		Yes	Based on "disabling" injuries to motor vehicle occupants, pedestrians, and pedacyclists resulting from motor vehicle crashes occurring in-state.
HS_04C	CA13	The rate per 100,000 of nonfatal injuries due to motor vehicle crashes among children aged 15 through 24 years.	744 (2002)	185.9 (2002)			KDOT		Yes	Based on "disabling" injuries to motor vehicle occupants, pedestrians, and pedacyclists resulting from motor vehicle crashes occurring in-state.
	CA14	Percent of children/adolescents correctly restrained in a motor vehicle crash by age groups 0-3, 4-8, 9-19.	age 0-3 3,856(2002)	age 0-3 71.7%(2002)			KDOT		Yes	The Child Passenger Safety Act (KSA 8-1344), which requires all children under the age of four to be in a federally-approved child safety seat.
<b>Other Mortality</b>										
NOM_6	CA15	The child death rate per 100,000 children aged 1 through 14.	130 (2002)	23.6 (2001) 24.3 (2002)	21.6 (2001)		CHES	WISQARS	Yes	
HS_03A	CA16	The death rate per 100,000 due to unintentional injuries among children aged 14 years and younger.	62 (2002)	10.8 (2002)			CHES		Yes	
<b>Hospitalization data</b>										
HSC_01	CA17	The rate of children hospitalized for asthma (ICD-9 Codes: 493.0-493.9) per 10,000 children less than 5 years of age	615 (2001)	27.1 (1999) 32.6 (2001)	55.4 (1999)	25.0	Hospital Discharge Data	NHDS	Yes	
HS_04A	CA18	The rate per 10,000 of all nonfatal injuries among children aged 14 years and younger		17.1 (2001)			Hospital Discharge Data		Yes	
	CA19	Respiratory inpatient hospitalizations per 10,000 children age 1-4		203.9 (2001)			Hospital Discharge Data		Yes	

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			KS Number if Appropriate	KS Statistic	US Statistic	Healthy People 2010 Goal				
<b>Mental Health</b>										
Peoples-Sheps,1998	CA20	The rate of adolescents ages 15-19 hospitalized for self-harm (ICD-9 Codes: E950 -E9599) per 10,000 population	208 (2000)	9.9 (2000)			Hospital Discharge Data		Yes	Female to Male ratio, 3:1
NPM_16	CA21	The rate (per 100,000) of suicide deaths among youths aged 15 through 19.	18 (2002)	13.3(2001) 8.7(2002)	8.0(2001)		CHES	WISQARS	Yes	
<b>Sexual Behavior</b>										
HSI_05A	CA22	The rate per 1,000 women aged 15 through 19 years with a reported case of chlamydia.	2,256	22.4(2002)			STD Section, KDHE.		Yes	
NPM_8, Miller, 1989	Preg1	The rate of birth (per 1,000) for teenagers (females) aged 15 through 17 years.	1,261 (2002)	21.2 (2002)	23.2 (2002)		CHES	NVSS,52(10)	Yes	resident data
	Preg2	Pregnancy rate per 1,000 adolescents (females) ages 15-17	1,684 (2002)	28.3 (2002)			CHES, Teenage Pregnancy Report		Yes	resident data, pregnancy numbers include live births, fetal deaths, and abortions
	Preg3	Pregnancy rate per 1,000 adolescents (females) ages 15-19	5,500 (2002)	60.7(1999) 54.7(2002)	86.7 (1999)		CHES, Teenage Pregnancy Report	NVSS,52(10)	Yes	resident data, pregnancy numbers include live births, fetal deaths, and abortions
<b>Abbreviations:</b>										
CHES - Centers for Health & Environmental Statistics, KDHE										
HP2010 - Healthy People 2010										
HSI - Health status indicator from Maternal Child Health (MCH) Block Grant										
HSCI - Health Systems Capacity Indicator from Maternal Child Health Block Grant										
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KIC - Kansas Information for Communities										
NOM - National Outcome Measure from Maternal Child Health Block Grant										
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PRAMS - Pregnancy Risk Assessment Monitoring System										

### Appendix B.3 Children with Special Health Care Needs (CSHCN) Indicators

Indicator Source	CODE	CSHCN HEALTH INDICATORS	Kansas		US	Healthy People 2010 Goal	Kansas Data Source	US Data Source	County Level Data	Comments
			KS Number	KS Statistic	Statistic					
CSHCN Survey, 2001		<b>State Profiles</b>					CSHCN Survey, 2001	CSHCN Survey, 2001		
		<b>Demographic indicator</b>								
	CSHCN1	% of children with special health care needs age 0 to 17: Households		23.2%	20.0%					
	CSHCN2	% of children with special health care needs age 0 to 17: Person		14.7%	12.8%					
		Age 0-5		8.4	7.8					
		Age 6-11		17.5	14.6					
		Age 12-17		17.7	15.8					
		Age 0-3		6.6	6.5					
		Age 4-7		13.2	11.4					
		Age 8-11		18.9	15.5					
		Age 12-14		17.6	16.2					
		Age 15-17		18.0	14.7					
		Female		12.6	10.5					
		Male		16.8	15.0					
		White (Non-Hispanic)		15.4	14.2					
		Black or African American (Non-Hispanic)		15.5	13.0					
		Multi-racial (Non-Hispanic)		18.8	15.1					
		Asian (Non-Hispanic)		N/A	4.4					
		Native American/Alaskan Native (Non-Hispanic)		N/A	16.6					
		Native Hawaiian/Pacific Islander (Non-Hispanic)		N/A	9.6					
		Hispanic		9.1	8.5					
		Household poverty status								
		0-99% FPL		17.3	13.6					
		100-199% FPL		12.9	13.6					
		200-399% FPL		15.4	12.8					
		400% FPL or greater		15.9	13.6					
		<b>Child Health indicator (age 0-17)</b>								
	CSHCN3	% of CSHCN whose health conditions consistently and often greatly affect their daily activities.		19.8	23.2					
	CSHCN4	% of CSHCN with 11 or more days of school absences due to illness.		10.3	15.8					
		<b>Coverage indicator (age 0-17)</b>								
	CSHCN5	% of CSHCN without insurance at some point during the past year.		9.1	11.6					
	CSHCN6	% of CSHCN currently uninsured.		4.4	5.2					
	CSHCN7	% of currently insured CSHCN with coverage that is not adequate.		31	33.8					
		<b>Access to Care indicator (age 0-17)</b>								
	CSHCN8	% of CSHCN with one or more unmet needs for specific health care services.		19.2	17.7					
	CSHCN9	% of CSHCN whose families needed but did not get all respite care, genetic counseling and/or mental health services.		34.1	23.1					
	CSHCN10	% of CSHCN needing specialty care who had problems getting a referral.		20.5	21.9					
	CSHCN11	% of CSHCN without a usual source of care (or who rely on the emergency room).		7.4	9.3					
	CSHCN12	% of CSHCN without a personal doctor or nurse.		5.9	11					
		<b>Family-Centered Care indicator (age 0-17)</b>								
	CSHCN13	% of CSHCN without family-centered care.		29.8	33.2					

### Appendix B.3 Children with Special Health Care Needs (CSHCN) Indicators

Indicator Source	CODE	CSHCN HEALTH INDICATORS	Kansas		US	Healthy People 2010 Goal	Kansas Data Source	US Data Source	County Level Data	Comments		
			KS Number	KS Statistic	Statistic							
		<b>Impact on Family indicator (age 0-17)</b>										
	CSHCN14	% of CSHCN whose families pay \$1,000 or more in medical expenses per year.		12.5	11.2							
	CSHCN15	% of CSHCN whose families experienced financial problems due to child's health needs.		24.4	20.9							
	CSHCN16	% of CSHCN whose families spend 11 or more hours per week providing and/or coordinating health care for child.		12.3	13.5							
	CSHCN17	% of CSHCN whose health needs caused family members to cut back or stop working		27.8	29.8							
MCH BG & CSHCN Survey, 2001		<b>National Performance Measures</b>										
MCH BG NPM2	CSHCN18	Percent of children with special health care needs age 0 to 18 years whose families partner in decision making at all levels and are satisfied with the services they receive.		59.1%	57.5%		CSHCN Survey, 2001	CSHCN Survey, 2001	No			
		a. Doctors usually or always made the family feel like a partner		83.8	84.3							
		b. Family was very satisfied with services received		61.7	60.1							
MCH BG NPM3	CSHCN19	Percent of children with special health care needs age 0 to 18 who receive coordinated, ongoing, comprehensive care within a medical home.		58.9	52.6				No			
		a. The child has a usual source of care		92.7	90.5							
		i. The child has a usual source for sick care		92.6	90.6							
		ii. The child has a usual source for preventive care		99.8	98.8							
		b. The child has a personal doctor or nurse		94.1	89.0							
		c. The child has no problems obtaining referrals when needed		79.5	78.1							
		d. Effective care coordination is received when needed		21.8	39.8							
		i. The child has professional care coordination when needed		73.2	81.9							
		ii. Doctors communicate well with each other (excellent/very good)		36.3	54.4							
		iii. Doctors communicate well with other programs (excellent/very good)		32.0	37.1							
		e. The child receives family-centered care		70.2	66.8							
		i. Doctors usually or always spend enough time		83.6	83.6							
		ii. Doctors usually or always listen carefully		88.2	88.1							
		iii. Doctors are usually or always sensitive to values and customs		90.0	87.0							
		iv. Doctors usually or always provide needed information		83.4	81.0							
		v. Doctors usually or always make the family feel like a partner		86.8	85.9							
MCH BG NPM4	CSHCN20	Percent of children with special health care needs age 0 to 18 whose families have adequate private and/or public insurance to pay for the services they need.		63.9	59.6		CSHCN Survey, 2001	CSHCN Survey, 2001	No			
		a. The child has public or private insurance at time of interview		95.6	94.8							
		b. The child has no gaps in coverage during the year prior to the interview.		90.9	88.4							
		c. Insurance usually or always meets the child's needs		87.6	85.5							
		d. Costs not covered by insurance are usually or always reasonable.		73.6	71.6							
		e. Insurance usually or always permits child to see needed providers		91.3	87.8							
MCH BG NPM5	CSHCN21	Percent of children with special health care needs age 0 to 18 whose families report the community-based service systems are organized so they can use them easily.		70.9	74.3		CSHCN Survey, 2001	CSHCN Survey, 2001	No			
		a. Services are usually or always organized for easy use.		70.9	74.3							
MCH BG NPM6	CSHCN22	Percent of youth with special health care needs who received the services necessary to make transition to all aspects of adult life.		5.2*	5.8		CSHCN Survey, 2001	CSHCN Survey, 2001	No			
		a. The child receives guidance and support in the transition to adulthood.		15.8	15.3							
		i. Doctors have talked about changing needs.		48.6	50							
		ii. The child has a plan for addressing changing needs.		59.7	59.3							
		iii. Doctors discussed shift to adult provider.		37.8	41.8							
		b. The child has received vocational or career training.		19.7	25.5							

## Appendix B.3 Children with Special Health Care Needs (CSHCN) Indicators

Indicator Source	CODE	CSHCN HEALTH INDICATORS	Kansas		US	Healthy People 2010 Goal	Kansas Data Source	US Data Source	County Level Data	Comments
			KS Number	KS Statistic	Statistic					
MCH BG HSCI7	CSHCN23	Percent of State SSI beneficiaries less than 16 years old receiving rehabilitative services from the State Children with Special Health Care Needs (CSHCN) Program.		33.2						
CSHCN Survey, 2001		<b>Additional Indicators (age 0-17)</b>								
		% of all children qualified on prescription (RX) Medication screening criteria		11.8	9.5					
		% of all children qualified on service use/need screening criteria		6.7	5.8					
		% of all children qualified on functional limitations screening criteria		2.9	2.7					
		% of all children qualified on specialized therapies screening criteria		2.3	2.2					
		% of all children qualified on mental health screening criteria		4.0	3.7					
	CSHCN24	% of all CSHCN qualified on prescription (RX) Medication screening criteria		79.9	74.2					
	CSHCN25	% of all CSHCN qualified on service use/need screening criteria		45.8	45.6					
	CSHCN26	% of all CSHCN qualified on functional limitations screening criteria		19.6	21.3					
	CSHCN27	% of all CSHCN qualified on specialized therapies screening criteria		15.4	17.4					
	CSHCN28	% of all CSHCN qualified on mental health screening criteria		27.5	28.7					
		<b>Among all children (age 0-17):</b>								
		Specific types of special health needs:								
		CSHCN whose conditions result in functional limitations		2.9	2.7					
		CSHCN whose conditions are managed with prescription medicines		6.0	4.7					
		CSHCN whose conditions result in above routine use of medical, mental health or other services		1.9	2.3					
		CSHCN whose conditions require prescription medicine and above routine use of services		3.9	3.0					
		<b>Among all CSHCN (age 0-17):</b>								
	CSHCN29	Specific types of special health needs:								
		CSHCN whose conditions result in functional limitations		19.6	21.3					
		CSHCN whose conditions are managed with prescription medicines		40.6	36.7					
		CSHCN whose conditions result in above routine use of medical, mental health or other services		13.1	18.2					
		CSHCN whose conditions require prescription medicine and above routine use of services		26.7	23.7					
CSHCN Survey, 2001		<b>Additional Health Insurance Coverage</b>								
		Percent of (all) children under 18 years of age by type of health insurance coverage								
		a. Uninsured		7.4	8.3					
		b. Private		76.2	69.3					
		c. Public		11.8	16.8					
		d. Private and Public		4.1	5.1					
		e. Other comprehensive Insurance		0.5	0.5					
CSHCN Survey, 2001	CSHCN30	Percent of children under 18 years of age <b>with</b> special health care needs by type of health insurance coverage								
		a. Uninsured*		4.4	5.2					*P-values were less than .05 indicated that the difference between the uninsurance rates was statistically significant. The uninsurance rate for children without special health care needs was greater than the uninsurance rate for children with special health care needs.
		b. Private		70.5	64.7					
		c. Public		16.8	21.7					
		d. Private and Public		8	8.1					
		e. Other comprehensive Insurance		0.3	0.4					
CSHCN Survey, 2001		Percent of children under 18 years of age <b>without</b> special health care needs by type of health insurance coverage.								
		a. Uninsured*		7.9	8.7					

### Appendix B.3 Children with Special Health Care Needs (CSHCN) Indicators

Indicator Source	CODE	CSHCN HEALTH INDICATORS	Kansas		US	Healthy People 2010 Goal	Kansas Data Source	US Data Source	County Level Data	Comments
			KS Number	KS Statistic	Statistic					
		b. Private		77.2	70					
		c. Public		10.9	16.1					
		d. Private and Public		3.5	4.7					
		e. Other comprehensive Insurance		0.5	0.5					
CSHCN Survey, 2001		Percent of children under 18 years old <b>without health insurance</b> and with income <b>below 200%</b> of the Federal Poverty level.		4.9	5.6					
CSHCN Survey, 2001		Percent of children under 18 years of age <b>without</b> health insurance coverage by selected demographic characteristics and by health status								
	CSHCN31	<b><i>Children with special health care needs</i></b>								
		Age in years								
		0-5			4.8					
		6-11			4.7					
		12-17			5.9					
		Sex								
		Female			5.4					
		Male			5.1					
		Race/Ethnicity								
		Hispanic			10.1					
		Black (non-Hispanic)			5.3					
		White (non-Hispanic and all others)			4.5					
		Language of interview								
		English			4.7					
		Spanish or other language			21					
		Household income								
		Up to \$9,999			8.6					
		\$10,000 - \$19,999			10.2					
		\$20,000 - \$39,999			8.9					
		\$40,000 - \$59,999			4.9					
		\$60,000 and over			2					
		Household poverty status								
		Up to 49% of Federal Poverty Level (FPL)			9.2					
		50% - 99% of FPL			9.8					
		100% - 149% of FPL			9.7					
		150% - 199% of FPL			7.8					
		200% of FPL and over			3					
		Maternal education								
		Eighth grade or less			18.3					
		Some high school			7.9					
		High school graduate or G.E.D.			6					
		Some post-high school, but no college degree			4.6					
		Four-year college degree or higher			2.1					
		<b><i>Children without special health care needs</i></b>								
		Age in years								
		0-5			7.4					





### Appendix B.3 Children with Special Health Care Needs (CSHCN) Indicators

Indicator Source	CODE	CSHCN HEALTH INDICATORS	Kansas		US	Healthy People 2010 Goal	Kansas Data Source	US Data Source	County Level Data	Comments
			KS Number	KS Statistic	Statistic					
		Hispanic or Latino			DNA					
		Non-Hispanic or Latino			DNA					
		Gender:								
		Female			30.8					
		Male			35.5					
		Family income level:								
		Poor			DNC					
		Near poor			DNC					
		Middle/high income			DNC					
		<b>16-15. Reduce the occurrence of spina bifida and other neural tube defects (NTDs)</b>								
CSHCN34		<i>Spina Bifida or other NTDs (per 10,000 live births)</i>			6.0 (1991-94 baseline)	3.0		National Birth Defects Prevention Network (NBDPN), CDC, NCEH.		
		<b>16-16. Increase the proportion of pregnancies begun with an optimum folic acid level.</b>								
CSHCN35		<i>Consumption of at least 400 ug of folic acid each day from fortified foods or dietary supplements by nonpregnant women aged 15 to 44 years</i>			21% (1991-94 baseline)	80%		Data Source: National Health and Nutritional Examination Survey (NHANES), CDC, NCHS.		DSU: Data are statistically unreliable.
		Race:								
		Black or African American			17%					
		White			22%					
		Ethnicity:								
		Hispanic or Latino			DSU					
		Non-Hispanic or Latino			22%					
		Education level:								
		Less than high school			12%					
		High school graduate			19%					
		At least some college			28%					
		Disability Status:								
		Persons with disabilities			20%					
		Persons without disabilities			23%					
CSHCN36		<i>Median RBC folate level among non-pregnant women aged 15 to 44 years</i>			160 ng/ml (1991-94 baseline)	220 ng/mg				
		Race:								
		Black or African American			125					
		White			169					
		Ethnicity:								
		Hispanic or Latino			DSU					
		Non-Hispanic or Latino			159					
		Education level:								
		Less than high school			149					
		High school graduate			148					
		At least some college			179					
		Disability Status:								
		Persons with disabilities			169					
		Persons without disabilities			159					
CSHCN37		Medical Home			n.a.	n.a.				
CSHCN38		% Service Systems for CSHCN			15.7% (1997)	100				

