



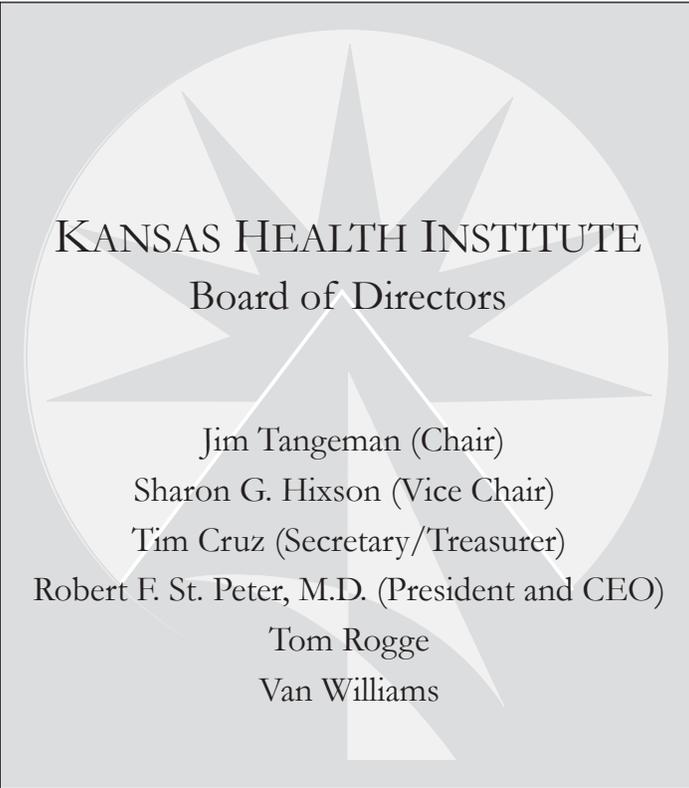
Children's Health in All Policies

A Workbook

KHI/10-08 | December 2010



KANSAS
HEALTH
INSTITUTE



KANSAS HEALTH INSTITUTE
Board of Directors

Jim Tangeman (Chair)
Sharon G. Hixson (Vice Chair)
Tim Cruz (Secretary/Treasurer)
Robert F. St. Peter, M.D. (President and CEO)
Tom Rogge
Van Williams

The Kansas Health Institute is an independent, nonprofit health policy and research organization based in Topeka, Kansas. Established in 1995 with a multiyear grant from the Kansas Health Foundation, the Kansas Health Institute conducts research and policy analysis on issues that affect the health of Kansans.

Copyright© Kansas Health Institute 2010.
Materials may be reprinted with written permission.

KHI/10-08 | December 2010

TABLE OF CONTENTS

About the Report	ii
Preface	iii
Introduction: Policy Influences on Children’s Health	I
Children and Oral Health	7
Children and Obesity	15
Children and Youth with Special Health Care Needs	23
Children and Poverty	31
Adolescent Risk Behaviors	39
Access to Quality Child Care Services	45
Promising Policy Options	A-1
Endnotes	A-22

ABOUT THE REPORT

ACKNOWLEDGMENTS

We would like to extend a special thanks to members of the Children's Health in All Policies (CHAP) Advisory Panel for their involvement throughout the project and their valuable contribution.

Additionally, we would like to thank the following colleagues at KHI for their involvement: Suzanne Cleveland, J.D.; Jim McLean; Gianfranco Pezzino, M.D., M.P.H.; Robert St. Peter, M.D.; and Andrew Ward, Ph.D., M.P.H., Ph.D.

DISCLAIMER

The contents of this report reflect the views of the authors, who are responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the views of the CHAP Advisory Panel members.

LEAD AUTHORS

Tatiana Lin, J.D., M.A.
Sharon Homan, Ph.D.

AUTHORS

Amy Biel, M.P.H.
Cheng-Chung Huang, M.P.H.
Barbara LaClair, M.H.A.
Caitlin McMurtry
Emily Meissen-Sebelius, M.S.W.
Brenda Nickel, R.N., B.S.N.
Anne Nugent, M.P.H.

EDITORS

Anne Berry
Sarah Green

DESIGNER

Cathy McNorton

THE ADVISORY PANEL

- Andrew Allison, Ph.D., Kansas Health Policy Authority
- Sonja Armbruster, M.A., Sedgwick County Health Department
- Mary Baskett, M.P.A., Kansas Head Start Association
- Julie Broski, M.A.Ed., Interagency Coordinating Council on Early Childhood Developmental Services
- Rep. Pat Colloton, J.D., District 28, Johnson County
- Dennis Cooley, M.D., Pediatric Associates of Topeka
- Tanya Dorf Brunner, Oral Health Kansas
- Sen. Oletha Faust-Goudeau, District 29, Sedgwick County
- Rep. Dolores Furtado, M.S., Ph.D., District 19, Johnson County
- Carolyn Gaughan, C.A.E., Kansas Academy of Family Physicians
- Rep. Deena Horst, M.A., District 69, Saline County
- Linda Kenney, M.P.H., Bureau of Family Health at KDHE
- Amy Maninger, L.M.S.W., Children's Alliance of Kansas
- Susan McLoughlin, M.S.N., R.N., C.P.N.P., Mother & Child Health Coalition of Greater Kansas City
- Darla Nelson-Metzger, Families Together, Inc.
- Rep. Jill Quigley, M.S.N., R.N., District 17, Johnson County
- Christie Steege, Kansas Chapter of the American Academy of Pediatrics
- Jan Stegeman, Safe Kids Kansas (retired)
- Rep. Annie Tietze, M.A., District 56, Shawnee County
- Suzanne Wikle, M.S.W., Kansas Action for Children
- Rep. Valdenia Winn, Ph.D., District 34, Wyandotte County

TABLE 1. DESCRIPTIONS OF SECTORS IDENTIFIED IN THE WORKBOOK

Sector	Description	Examples	Referenced in Chapters
Agriculture	Comprised of a range of entities involved in the production, administration and processing of meat and produce from raw input to consumer foodstuffs.	Includes farms, community gardens and the Kansas Department of Agriculture (KDA).	Children and Oral Health Children and Obesity
Business	Includes regulatory agencies as well as entities that either sell products and services for profit or manage the exchange of money for goods.	Industries in this sector include employment and temporary staffing services, banking and credit services, grocery stores, small businesses, the Kansas Department of Commerce (KDC) and the Kansas Department of Labor (KDL).	Children and Oral Health Children and Obesity Children and Youth with Special Health Care Needs Children and Poverty Adolescent Risk Behaviors Access to Quality Child Care Services
Education	Includes the formal and informal delivery or administration of all types of education and training to all levels of learners.	Includes schools, school districts, school systems, child care services, after-school programs, the Kansas Board of Regents and the Kansas State Department of Education (KSDE).	Children and Oral Health Children and Obesity Children and Youth with Special Health Care Needs Children and Poverty Adolescent Risk Behaviors Access to Quality Child Care Services
Health	Includes public health and health care organizations and agencies that provide population-based preventive services, clinical preventive services and medical care.	Includes organizations and agencies, such as local health departments, local and regional tribal health boards, hospitals, clinics, individual or group medical practices and the Kansas Department of Health and Environment (KDHE).	Children and Oral Health Children and Obesity Children and Youth with Special Health Care Needs Children and Poverty Adolescent Risk Behaviors Access to Quality Child Care Services
Insurance (Health)	Includes governmental and non-governmental agencies and organizations that provide coverage for medical, dental, vision and other health services. Also includes agencies that are responsible for regulating all types of insurance sold in the state.	Includes private for-profit entities and public insurance programs (e.g., Medicaid, CHIP), as well as the Kansas Insurance Department (KID).	Children and Obesity Children and Poverty Children and Youth with Special Health Care Needs

Sector	Description	Examples	Referenced in Chapters
Legislative	State and local levels of government responsible for creating and passing laws.	Includes the Kansas Legislature, county commissions and mayors' offices.	Children and Oral Health Children and Obesity Children and Youth with Special Health Care Needs Children and Poverty Adolescent Risk Behaviors Access to Quality Child Care Services
Media	The sector encompasses the creation, modification, transfer and distribution of media content for the purpose of mass consumption.	Includes such industries as filmed entertainment, television networks (broadcast and cable), television distribution (station, cable and satellite), radio and out-of-home advertising, internet advertising and access spending, as well as magazine and newspaper publishing.	Adolescent Risk Behaviors
Social Service	Includes entities that provide services for the well-being of people, especially disadvantaged and vulnerable persons.	Includes entities that provide food assistance, child care, special education and other support services, and the Kansas Department of Social and Rehabilitation Services (SRS).	Children and Poverty Children and Youth with Special Health Care Needs Adolescent Risk Behaviors
Transportation	Includes entities that provide a safe transportation system that ensures the mobility of people and goods, enhances economic prosperity and preserves the quality of the environment and communities. Also responsible for building and maintaining roads and bridges.	Includes local governments, state highway agencies and the Kansas Department of Transportation (KDOT).	Children and Oral Health Children and Obesity Children and Poverty
Urban Design and Community Planning	Consists of individuals and organizations that develop long- and short-term plans for the use of land and the growth and revitalization of urban, suburban and rural communities and the regions or states in which they are located.	Includes city planners, urban planning and architecture firms, engineers and departments of parks and recreation.	Access to Quality Child Care Services

**TABLE 2. KANSAS CHILDREN’S HEALTH PROFILE:
2007 National Survey of Children’s Health⁵**

Health Status			
Indicator	Explanation	Kansas	Nationwide
Child Health Status	Percent of children in excellent or very good health	85.3%	84.4%
Oral Health Status	Percent of children with excellent or very good oral health	71.3%	70.7%
Injury	Percent of children age 0–5 with injuries requiring medical attention in the past year	10.2%	10.4%
Breastfeeding	Percent of children age 0–5 who were ever breastfed	76.8%	75.5%
Risk of Developmental or Behavioral Problems	Percent of children age 4 months to 5 years determined to be at moderate or high risk based on parents’ specific concerns	27.4%	26.4%
Positive Social Skills	Percent of children age 6–17 who exhibit two or more positive social skills	94.2%	93.6%
Missed School Days	Percent of children age 6–17 who missed 11 or more days of school in the past year	7.0%	5.8%
Health Care			
Indicator	Explanation	Kansas	Nationwide
Current Health Insurance	Percent of children currently insured	89.8%	90.9%
Insurance Coverage Consistency	Percent of children lacking consistent insurance coverage in the past year	14.6%	15.1%
Preventive Health Care	Percent of children with a preventive medical visit in the past year	90.4%	88.5%
Preventive Dental Care	Percent of children with a preventive dental visit in the past year	78.7%	78.4%
Developmental Screening	Percent of children age 10 months to 5 years who received a standardized screening for developmental or behavioral problems	24.7%	19.5%
Mental Health Care	Percent of children age 2–17 with problems requiring counseling who received mental health care	72.3%	60.0%
Medical Home	Percent of children who received care within a medical home	61.3%	57.5%
School and Activities			
Indicator	Explanation	Kansas	Nationwide
School Engagement	Percent of children age 6–17 who are adequately engaged in school	81.4%	80.5%
Repeating a Grade	Percent of children age 6–17 who have repeated at least one grade	4.9%	10.6%
Activities Outside of School	Percent of children age 6–17 who participate in activities outside of school	86.9%	80.7%
Screen Time	Percent of children age 1–5 who watched more than one hour of TV or video during a weekday	55.0%	54.4%

Continued on the next page.

Child's Family			
Indicator	Explanation	Kansas	Nationwide
Reading to Young Children	Percent of children age 0–5 whose families read to them everyday	48.6%	47.8%
Singing and Telling Stories to Young Children	Percent of children age 0–5 whose families sing or tell stories to them everyday	53.7%	59.1%
Religious Services	Percent of children who attend religious services at least weekly	56.9%	53.7%
Mother's Health	Of children who live with their mothers, the percentage whose mothers are in excellent or very good physical and emotional health	61.3%	56.9%
Father's Health	Of children who live with their fathers, the percentage whose fathers are in excellent or very good physical and emotional health	63.7%	62.7%
Smoking in the Household	Percent of children who live in households where someone smokes	26.4%	26.2%
Child Care	Percent of children age 0–5 whose parents made emergency child care arrangements last month and/or a job change for child care reasons last year	34.5%	30.7%

Child and Family's Neighborhood			
Indicator	Explanation	Kansas	Nationwide
Neighborhood Amenities	Percent of children who live in neighborhoods with a park, sidewalks, a library and a community center	48.8%	48.2%
Neighborhood Conditions	Percent of children who live in neighborhoods with poorly kept or dilapidated housing	18.3%	14.6%
Supportive Neighborhoods	Percent of children living in neighborhoods that are supportive	86.7%	83.2%
Safety of Child in Neighborhood	Percent of children living in neighborhoods that are usually or always safe	90.2%	86.1%

Notes: Based on statistical comparisons (lack of overlap of 95% confidence intervals), Kansans report better health than national respondents on these indicators: child participation in outside-of-school activities, mothers with excellent or very good health, and repeating a grade. Kansans did not report poorer health on any of the health indicators as compared to national respondents.

Estimated number of children: 596,113

Source: *Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). National Survey of Children's Health. Retrieved from www.nschdata.org.*

PROMISING POLICY OPTIONS

Each chapter of the workbook explores a priority health issue relevant to the health of Kansas children. The following appendix outlines policy options identified in the earlier chapters and provides additional information that policymakers and other stakeholders may find helpful when evaluating evidence-informed policy options.

- Children and Oral Health A-2
- Children and Obesity A-4
- Children and Youth with Special Health Care Needs A-6
- Children and Poverty A-10
- Adolescent Risk Behaviors A-14
- Access to Quality Child Care Services A-18



PROMISING POLICY OPTIONS

CHILDREN AND ORAL HEALTH

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
School-Based Dental Sealant Program(s)	<ul style="list-style-type: none"> • Provides sealants to vulnerable populations less likely to receive private dental care, such as children eligible for free or reduced-cost lunch programs. • Includes the following types of programs: school-based programs, school-linked programs, hybrid programs. • Includes the following services: oral health education, dental screenings, referral for dental treatment, fluoride mouthrinsing and sealant applications. • Operates September–June (during the school year), uses portable dental equipment, requires parental consent for the dentists to examine and prescribe sealants, and utilizes dental hygienists working with dental assistants to place sealants. • Exists in 35 states and four territories. 	<ul style="list-style-type: none"> • Education • Health • Legislative

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Community Water Fluoridation	<ul style="list-style-type: none"> • Involves adjusting the naturally occurring fluoride levels in drinking water to 0.7–1.2 parts per million, the optimal fluoride level recommended by the U.S. Public Health Service for the prevention of tooth decay. • Provides a safe, cost-effective way to prevent tooth decay. • Cost of fluoridation depends on the size of the community. The annual cost of fluoridation is approximately \$0.50 per person in communities of $\geq 20,000$ to approximately \$3.00 per person in communities $\leq 5,000$. • In 2008, 72.4 percent of the U.S. population on public water systems had access to fluoridated water. • Eleven states and two territories have laws that mandate statewide water fluoridation. 	<ul style="list-style-type: none"> • Education • Health • Legislative

CHILDREN AND ORAL HEALTH

Examples of Programs and Practices	Potential Outcomes
------------------------------------	--------------------

- School-based dental sealant programs include:
- Ohio Department of Health School-Based Dental Sealant Program
 - Illinois Dental Sealant Grant Program
 - Arizona Dental Sealant Program

- Decrease in cavities by 60 percent on the surfaces of top and bottom molars and pre-molars among children 6 to 17 years old.
- Increase in the overall prevalence of dental sealants among children.
- Sealants are most cost-effective when provided to children who are at highest risk for tooth decay (cost savings of \$66–\$73 per tooth surface prevented from needing repair among young Medicaid-enrolled children).
- Reduces the racial and income disparity in sealant prevalence among elementary school students.

Examples of Programs and Practices	Potential Outcomes
------------------------------------	--------------------

- Community water fluoridation policies include:
- Texas Fluoridation Program
 - Indiana’s Community Water Fluoridation Program
 - Oklahoma Water Fluoridation Program

- Accounts for a reduction in the amount of tooth decay in children by 40–60 percent.
- Decrease in tooth decay in communities with varying decay rates and among children of varying socioeconomic status.
- One dollar invested in fluoridation saves \$38 in avoided dental treatment costs.

PROMISING POLICY OPTIONS

CHILDREN AND OBESITY

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Complete Streets	<ul style="list-style-type: none"> • Redesigns streets and sidewalks and improves the perceived environment in order to increase physical activity. • Streets accommodate all users, including pedestrians, bicyclists and transit passengers of all ages and abilities, as well as trucks, buses and automobiles. • Applies to new construction, reconstruction and/or repaving projects. • Twenty-three states and 81 cities have a “complete streets” policy. 	<ul style="list-style-type: none"> • Business • Health • Legislative • Transportation

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
School Physical Activity	<ul style="list-style-type: none"> • Increases opportunities for physical activity in the school environment. • Includes adding new PE classes, lengthening existing PE classes or increasing time spent on moderate to vigorous physical activity (MVPA) during PE class. • Recommended physical education program structure includes: instruction periods totaling 150 minutes per week (elementary) and 225 minutes per week (middle and high school); sequential curriculum of progressively more advanced skills and movement; qualified physical education teachers providing a developmentally appropriate program; teacher/student ratio in physical education no greater than 1:25 (elementary) and 1:30 (middle/high) for optimal instruction (similar to other classroom settings); full inclusion of all students, including those who are not athletically gifted, and appropriate activities for children with disabilities; physical activity should never be used as punishment. 	<ul style="list-style-type: none"> • Education • Health • Legislative

CHILDREN AND OBESITY

Examples of Programs and Practices	Potential Outcomes
<p>Statewide built environment policies include:</p> <ul style="list-style-type: none"> ● 2009 Colorado Department of Transportation Bicycle and Pedestrian Policy ● 2009 North Carolina Department of Transportation Complete Streets Policy ● 2004 Virginia Department of Transportation Policy for Integrating Bicycle and Pedestrian Accommodations 	<ul style="list-style-type: none"> ● Increase in safety of street crossings; improve aesthetics; addition of traffic calming measures; improve street lighting and sidewalk continuity. ● Change in physical activity with a median increase of 35 percent (range: 16 to 62 percent). ● Increase in meeting the Surgeon General’s recommendations for minimum daily exercise (nearly one-third of transit users meet the Surgeon General’s recommendations for minimum daily exercise through their daily travels).

Examples of Programs and Practices	Potential Outcomes
<p>Physical education policies include:</p> <ul style="list-style-type: none"> ● 2007 Arkansas House Bill 1039 ● 2008 Oklahoma House Bill 1186 ● 2007 Florida House Bill 967 	<ul style="list-style-type: none"> ● Improvement in academic performance. ● Improvement in cognitive performance and classroom behavior. ● Increase in the amount of PE class time spent on moderate to vigorous physical activity (MVPA) was 50 percent (range: 6 to 125 percent). ● A median increase of 8 percent in aerobic capacity and improvements in physical fitness.

PROMISING POLICY OPTIONS

CHILDREN AND YOUTH WITH SPECIAL HEALTH CARE NEEDS

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Medical Home	<ul style="list-style-type: none"> • Provides family-centered care coordination in communities for health and education services. • Addresses preventative, acute and chronic care from birth through transition to adulthood. • Incentivizes quality improvement processes to reduce redundancy in testing, referral and procedures, resulting in increased efficiency and effectiveness of services that can lead to enhanced reimbursement tied to medical home services. 	<ul style="list-style-type: none"> • Business • Health • Insurance • Legislative

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Comprehensive Centralized Referral System	<ul style="list-style-type: none"> • Builds on existing infrastructure at the state level and involves partnerships with state and community agencies. • Develops formal or informal partnerships with Medicaid and care coordination organizations with funding from both private and public sectors. • Includes systematic process for tracking service gaps and other barriers to health care access so stakeholders can address them. • Provides flexibility allowing individual communities or practices to provide input, design or modify methods to best meet the needs of families. For instance, one model coordinates care primarily through telephone contact and home visits, while another model uses parents with CYSHCN as clinic care coordinators. 	<ul style="list-style-type: none"> • Health • Insurance • Legislative

CHILDREN AND YOUTH WITH SPECIAL HEALTH CARE NEEDS

Examples of Programs and Practices	Potential Outcomes
------------------------------------	--------------------

- Models of Medical Home (MH) care coordination include:
- Palmetto Pediatrics South Carolina’s State Medical Home Team Project
 - Colorado Children’s Healthcare Access Program (CCHAP)
 - Michigan’s Children’s Healthcare Access Program

- CYSHCN receiving care in a MH experience better outcomes than children receiving care in non-MH settings as providers are more knowledgeable about issues and available services for CYSHCN.
- Positive results include family centeredness, effectiveness, timeliness, education in managing conditions, improved communication with providers, and improved family functioning.
- Decrease in costs due to a reduction in emergency department visits, fewer hospitalizations and an increase in preventive health care visits.

Examples of Programs and Practices	Potential Outcomes
------------------------------------	--------------------

- Diverse centralized referral system models include:
- Iowa’s First Five Initiative
 - Connecticut’s Help Me Grow Program
 - North Carolina’s Assuring Better Child Health and Development (ABCD) Program
 - Rhode Island’s Pediatric Practice Enhancement Project (PPEP)

- Patient-centered care as a result of a provider resource helpline staffed by a family member of a person with special needs.
- Improving parents’ understanding of the health care delivery system and the available community resources helps increase the ease for parents to use services.
- In North Carolina, children from birth to age 3 receiving early intervention services increased from 3 percent in 2003 to 4.3 percent in 2008. The number of developmental screenings completed at Medicaid Early Periodic Screening, Diagnosis, and Treatment (EPSDT) Program visits quintupled from 2004 to 2008.
- In Connecticut in 2008–2009, coordinators made over 4,000 referrals on behalf of children and families which resulted in 88 percent of service needs being addressed, an increase from 80 percent reported in the previous year.
- A three-year evaluation of Rhode Island’s PPEP suggests an increased use of outpatient primary and preventive care and a decreased use of more costly inpatient services.

PROMISING POLICY OPTIONS

CHILDREN AND YOUTH WITH SPECIAL HEALTH CARE NEEDS (CONTINUED)

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Transition and Supported Employment	<ul style="list-style-type: none"> • Provides youth with transition and supported employment opportunities to facilitate the development of skills that improve opportunities for success in school and society. • Provides mentoring and support that can include specially trained peer-navigators. • Provides professional development to increase knowledge, skills, and abilities to assist CYSHCN and their families in planning for adult life. 	<ul style="list-style-type: none"> • Business • Education • Legislative • Social Service

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Adequate Family Leave Policies in the Workplace	<ul style="list-style-type: none"> • Helps employees balance work and family responsibilities by allowing them to take reasonable unpaid leave for certain family and medical reasons while protecting their jobs and health benefits. 	<ul style="list-style-type: none"> • Business • Insurance • Legislative

CHILDREN AND YOUTH WITH SPECIAL HEALTH CARE NEEDS

Examples of Programs and Practices	Potential Outcomes
------------------------------------	--------------------

Programs to assist youth with disabilities with transitioning to living and working in the most integrated settings include:

- Oregon’s Competitive Employment Project
- Vermont JOBS (Jump on Board for Success)
- New York’s Most Integrated Setting Coordinating Council (MISCC) established in policy in 2002
- Minnesota Project C3: Connecting Youth to Communities and Careers
- Rhode Island’s Peer-Assisted Health Initiative

- Early work experiences have been recognized as a means to equip youth with disabilities with the skills, attitudes, opportunities and aspirations needed to transition successfully to meaningful careers after high school.
- Promotes independence and economic self-sufficiency for youth with special health care needs.

Examples of Programs and Practices	Potential Outcomes
------------------------------------	--------------------

- Financial supports include Family and Medical Leave Act (FMLA) programs in California, New Jersey and Washington.

- Job protections and removing barriers to FMLA benefit families and CYSHCN.
- Parents felt that taking leave had good effects on their child’s physical and emotional health.
- Program models and benefits under FMLA vary by state. For instance, California has the first government-mandated paid leave program in the United States that allows families to take leave at 55 percent of their salary.

PROMISING POLICY OPTIONS

CHILDREN AND POVERTY

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Comprehensive Early Childhood Education and Assistance Services	<ul style="list-style-type: none"> • Provides comprehensive early childhood education and assistance services for 3- and 4-year-olds whose parents lack schooling and skilled jobs. • Services include: state-certified preschool teacher and assistant teacher per class; small class sizes and high adult-to-child ratios; staff trained in validated child development education model; frequent interaction and outreach to parents by staff (for example, weekly home visits). • Types of programs: school-based and community-based. Some programs also include a parent self-sufficiency component, which in several states has shown to lead to increased family income and/or parent employment status. 	<ul style="list-style-type: none"> • Education • Legislative • Social Service

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Education/Job Skills Training	<ul style="list-style-type: none"> • Provides assistance to low-income parents who decide to pursue education at a university, community or technical college. • Utilizes a partnership between the state social services department, universities and community and technical colleges. • Services include: tuition assistance; case management; aggressive advising and career counseling; and access to support services such as child care, transportation reimbursement, car repair assistance, eye and dental care and books and supplies, as well as on-campus mentors and services. • Types of programs: university-based and community or technical college-based. Some programs include a private or public sector work experience component for participants. 	<ul style="list-style-type: none"> • Business • Education • Legislative • Social Service

CHILDREN AND POVERTY

Examples of Programs and Practices

- Comprehensive early childhood programs include:
- Washington’s Early Childhood Education and Assistance Program
 - Illinois’ Early Childhood Prevention Initiative Program
 - Chicago’s Parent-Child Centers
 - A variety of state and local programs that use the Perry Preschool Program curriculum

Potential Outcomes

- An increase in economic self-sufficiency, initially for the parent and later for the child, through greater labor force participation, higher income and lower welfare usage. For example, in the Perry Preschool program, children’s earnings when they reached age 27 were 60 percent higher among program participant.
- Improvement in educational outcomes for the child.
- Improvement in health-related indicators, such as child abuse, maternal reproductive health and maternal substance abuse.
- Gains in emotional/cognitive development for the child, and improved parent-child relationships.
- Reduced levels of criminal activity.

All results listed are statistically significant differences compared to control groups across nine different early childhood education and assistance programs reviewed by the RAND Corporation.

Examples of Programs and Practices

- Statewide education and job skills training programs include:
- Maine’s Parents as Scholars Program (PaS)
 - Kentucky’s Ready-to-Work (RTW) Initiative
 - Arkansas’ Career Pathways Initiative

Potential Outcomes

- An analysis of the labor market returns for postsecondary education found:
 - Women with associate degrees earn between 19–23 percent more than other women, even after controlling for differences in who enrolls in college.
 - Women who obtained a bachelor’s degree earned 28–33 percent more than women who did not obtain a bachelor’s degree.
- Other studies have found that each year of postsecondary education increases earnings by 6–12 percent.
- Studies that have tracked welfare recipients who completed two- or four-year degrees have found that about 90 percent of these graduates leave welfare and earn far more than other recipients.

PROMISING POLICY OPTIONS

CHILDREN AND POVERTY (CONTINUED)

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Earned Income Tax Credit (EITC)	<ul style="list-style-type: none"> • Largest cash assistance program targeted at low-income families. • Provides a subsidy for low-income working families and is fully refundable — any excess beyond a family’s income tax liability is paid as a tax refund. • Encourages low-income workers and offsets the burden of U.S. payroll taxes. • State plans generally mimic the federal structure on a smaller scale, with individuals receiving a state credit equal to a fixed percentage of what they are eligible to receive from the federal credit. • Some state and community agencies perform outreach and application-assistance activities to help families receive the credit. • Twenty-three states and the District of Columbia had their own EITCs in 2008. 	<ul style="list-style-type: none"> • Legislative

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Asset Building	<ul style="list-style-type: none"> • Provides special savings accounts called individual development accounts (IDA) designed to help people build assets to reach life goals and to achieve long-term financial security. • Services: matching funds provided by state and/or business for IDAs; participants may also receive financial education or financial literacy classes; some programs provide “seed” money in the account. • Types of programs: targeted to parents; targeted to children for future education; some programs are connected with Earned Income Tax Credit (EITC) programs. 	<ul style="list-style-type: none"> • Business • Education • Legislative

CHILDREN AND POVERTY

Examples of Programs and Practices

Refundable state EITCs range between 10 to 30 percent in states such as Massachusetts, Michigan, New Jersey and New Mexico.

Potential Outcomes

- The EITC is the largest cash assistance program targeted at low-income families.
- Nationwide last year, over 24 million people received nearly \$50 billion in EITC.
- Participation rate in the EITC program is higher than the participation rate for either the Temporary Assistance to Needy Families program or the food stamps program.
- Five million people, half of them children, are lifted out of poverty each year due to EITC.
- The ratio of cost of administering the EITC program to the claims paid is less than one percent.
- Without the EITC, the poverty rate among children would be nearly one-third higher, according to the Center on Budget and Policy Priorities.

Examples of Programs and Practices

Large-scale individual development account (IDA) and financial literacy programs include:

- Missouri's I Can Save (ICS)
- The Community Action Project of Tulsa
- Michigan's Individual Development Account (IDA) Partnership
- The Mid-South IDA Initiative (Arkansas, Louisiana, Mississippi, Southeast Texas)

Potential Outcomes

IDA programs resulted in:

- Sixty-two percent of program participants said they saved a regular amount during IDA program participation, compared with 11 percent saving a regular amount before participation.
 - Four percent of program participants said they did not save during program participation, while 42 percent of program participants said they did not save at all before the program.
- IDA and financial literacy programs that specifically targeted asset-building for children resulted in:
- Participants accumulated over \$1.6 million through a combination of initial deposits, benchmark incentive deposits, participant savings and matches.
 - On average, each child has about \$1,318 "seeded" as an investment for the future.

PROMISING POLICY OPTIONS

ADOLESCENT RISK BEHAVIORS

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
After-School Program(s)	<ul style="list-style-type: none"> Offered to children between the ages of 5 and 18, operates during at least part of the school year (i.e., September to June) and occurs outside of normal school hours, which are typically 8 a.m. to 2:30 p.m., Monday through Friday. Provides support to young people through professionally supported, carefully matched, one-on-one relationships with caring adults. Mentors must commit to spending substantial time with their mentees. 	<ul style="list-style-type: none"> Business Education Legislative

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Alcohol Advertising	<ul style="list-style-type: none"> Bans ads on buses, trains, kiosks, billboards and supermarket carts, and in bus shelters, schools, theme parks and near residential areas and faith organizations. Bans or limits advertising and sponsorship at community events such as festivals, parties and sporting events. Restricts or bans TV, radio, newspaper and internet alcohol advertising. Counters alcohol ads with public service announcements. Restricts the size and placement of window advertisements in liquor and convenience stores. Reduces the disproportionately high number of alcohol billboards in low-income neighborhoods. Prohibits images and statements that portray or encourage intoxication. Enforces existing restrictions on alcohol advertising. 	<ul style="list-style-type: none"> Business Education Legislative Media

ADOLESCENT RISK BEHAVIORS

Examples of Programs and Practices	Potential Outcomes
------------------------------------	--------------------

Mentoring/tutoring after-school partnerships include:

- Nationwide Big Brothers Big Sisters programs

- Decreases the likelihood of initiating alcohol use by 27 percent for program participants.
- Reduces the likelihood of initiating drug use by 46–70 percent for racial minorities.
- Increases school attendance, feelings of academic competence and course grades.
- Behavioral changes are especially pronounced among females of color.

Examples of Programs and Practices	Potential Outcomes
------------------------------------	--------------------

- States with at least four of the 12 recommended “best practice” laws include New Hampshire, North Carolina, Utah and Virginia.

- Exposure to alcohol advertising during very early adolescence predicts both beer drinking and drinking intentions one year later.
- Children at extremely high levels of overall advertising exposure are 50 percent more likely to drink and 36 percent more likely to intend to drink than their peers at low levels of advertising exposure.
- The odds of drinking were nearly double for adolescents who reported owning a promotional item from an alcohol distributor.

PROMISING POLICY OPTIONS

ADOLESCENT RISK BEHAVIORS (CONTINUED)

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Alcohol Excise Tax(es)	<ul style="list-style-type: none"> • Tax is based on the type of alcoholic beverage: spirits, wine or beer. • Every state taxes the sale of alcoholic beverages in one of two ways: either the quantity of beverage sold (most states) or the percentage of the selling price (a few states). • Average national excise taxes (February 2010): beer — \$0.28 per gallon; spirits — \$2.57 per gallon; wine — \$0.72 per gallon. • Kansas' alcohol excise taxes (February 2010): beer — \$0.18 per gallon (ranks 18th nationally); spirits — \$2.50 per gallon (ranks 39th nationally); wine — \$0.30 per gallon (ranks 39th nationally). 	<ul style="list-style-type: none"> • Business • Legislative

ADOLESCENT RISK BEHAVIORS

Examples of Programs and Practices

Substantial increases of state-level excise taxes on alcohol include:

- New York's 25.0 percent tax increase on spirits and wine in 2009.
- New Jersey's 58.7 percent tax increase on beer and wine in 2009.

Potential Outcomes

- A 10 percent rise in the price of beer would reduce demand among adolescents by about 3 percent.
- If beer prices were indexed to inflation, overall youth drinking would drop by 9 percent and heavy drinking by 20 percent.
- A 10 percent price increase would reduce underage drunk-driving rates by 12.6 percent for males and by 21.1 percent for females. It would also reduce youth motor vehicle fatalities by 7–17 percent.
- A 10 percent increase in price would increase graduation rates by 3 percent.
- An additional \$1 tax on each case of beer would increase the probability of a high school student's future college graduation by 6.3 percent.

PROMISING POLICY OPTIONS

ACCESS TO QUALITY CHILD CARE SERVICES

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Child Care Quality Standards	<ul style="list-style-type: none"> Assesses quality of child care centers by evaluating basic criteria including quality standards, accountability measures, program support such as provider training and technical assistance, financial support and parent education outreach. Objective is to set standards by which to measure the quality of child care, especially for children receiving child care subsidies, by designating a quality rating for each program and increasing consumer awareness about which programs meet quality standards. Twenty states have Quality Rating and Improvement System (QRIS) programs. 	<ul style="list-style-type: none"> Business Education Legislative

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Early Education Programs	<ul style="list-style-type: none"> Includes the following components: advanced educational requirements for program directors and teachers; emphasis on early childhood development principles; small class size; research-based curriculum; engaged families; and focus on the whole child, including intellectual, physical and social development. Most effective programs are child care center-based and offer an age-appropriate, socially and educationally stimulating curriculum. 	<ul style="list-style-type: none"> Education Legislative

ACCESS TO QUALITY CHILD CARE SERVICES

Examples of Programs and Practices	Potential Outcomes
<p>Statewide Quality Rating and Improvement System (QRS or QRIS) programs include:</p> <ul style="list-style-type: none"> ● Reaching for the Stars program in Oklahoma ● Washington, DC’s Going for the Gold Program ● Pennsylvania’s Keystone STARS Quality Rating System ● Colorado’s Qualistar Early Learning QRIS 	<ul style="list-style-type: none"> ● Most research and evaluation of QRIS programs focus on program implementation and not on program impact. ● Results from evaluations of program implementation and validation of quality measures: <ul style="list-style-type: none"> ● QRIS rating levels were designed to capture differences in quality. After implementation, differences were seen among programs that had different quality ratings assigned to them. ● Results from evaluations of quality improvement: <ul style="list-style-type: none"> ● In participating programs, program quality improved over time; although changes were not statistically significant in all studies.

Examples of Programs and Practices	Potential Outcomes
<p>Early childhood education programs include:</p> <ul style="list-style-type: none"> ● Oklahoma’s Universal Pre-K Program ● Illinois’ Pre-Kindergarten Program ● Michigan School Readiness Program ● Washington’s Early Childhood Education and Assistance Program 	<ul style="list-style-type: none"> ● Children have better school readiness skills. ● Long term benefits including higher graduation rates, fewer school drop outs, less need for special education, and less crime. ● Every dollar invested in quality early care and education saves taxpayers up to \$13.00 in future costs such as public education, criminal justice and welfare costs.

PROMISING POLICY OPTIONS

ACCESS TO QUALITY CHILD CARE SERVICES (CONTINUED)

Policy Option	What Does This Policy Do?	What Sectors May It Involve?
Workplace Support for Employees with Children	<p>Supports working parents through various programs that include:</p> <ul style="list-style-type: none"> • Flexible work schedules (modified workday start and end times); • Job sharing (part-time job shared with another employee, that is equal to the work of a single full-time employee); • Sick child leave as a valid use of employee leave time; • Condensed work weeks (e.g. four days working ten hours each day instead of five days working eight hour days); • Telecommuting all or part of the week (working from home or satellite office location); • Child care subsidies (all or part of child care cost supplemented by company, based on need and/or merit); • On-site or nearby company-sponsored child care. 	<ul style="list-style-type: none"> • Business • Legislative • Urban Design and Community Planning

ACCESS TO QUALITY CHILD CARE SERVICES

Examples of Programs and Practices

Family-friendly workplace policies at major corporations include: Hallmark Cards, Xerox, General Mills and First National Bank.

State-level initiatives, such as Oregon's Family Friendly Policies, have been implemented in state government departments.

Potential Outcomes

- Decreases in employee turnover, resulting in lower training and recruiting costs over time.
- Decreases absenteeism attributed to child illness or lack of available child care.
- Increases job satisfaction among workers and improves employee morale.

ENDNOTES

1. Homan, S. M., & LaClair, B. J. (2009). *Understanding the Health of Kansas Children*. Retrieved November 10, 2010, from <http://www.khi.org/documents/2009/feb/28/understanding-health-kansas-children/>
2. National Research Council and Institute of Medicine. (2004). *Children's Health. The Nation's Wealth: Assessing and Improving Child Health*. Committee on Evaluation of Children's Health. Board on Children, Youth, and Families, Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press.
3. Ibid. (2004). *Children's Health. The Nation's Wealth: Assessing and Improving Child Health*.
4. Collins, J., & Koplan J. P. (2009). Health Impact Assessment. A Step Toward Health in All Policies. *Journal of the American Medical Association*, 302(3), 315–317.
5. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health*. Retrieved November 11, 2009, from <http://www.nschdata.org>
6. U.S. Department of Health and Human Services. (2000). *Oral Health in America: A Report of the Surgeon General*. Rockville, MD: U.S. Department of Health and Human Services, National Institute of Dental and Craniofacial Research, National Institutes of Health. Retrieved September 27, 2010, from <http://silk.nih.gov/public/hck1ocv.@www.surgeon.fullrpt.pdf>
7. Centers for Disease Control and Prevention. (2004). *Children's Oral Health*. Retrieved April 10, 2010, from http://www.cdc.gov/oralhealth/publications/factsheets/sgr2000_fs3.htm
8. National Conference of State Legislatures. (2010). *Children's Oral Health*. Retrieved April 15, 2010, from <http://www.ncsl.org/default.aspx?tabid=14495>
9. Australian Institute of Health and Welfare. (2007). *Chronic Diseases*. Retrieved March 3, 2010, from http://www.aihw.gov.au/cdarf/diseases_pages/index.cfm
10. Kimminau, K., Greiner, A., & Qingjiang, H. (2010). *Smiles Across Kansas: 2007 Update*. Retrieved September 27, 2010, from http://www.kdheks.gov/ohi/download/Smiles_Across_Kansas.pdf
11. Ibid. (2010). *Smiles Across Kansas: 2007 Update*.
12. U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion. (2000). *Healthy People 2010: Oral Health. Objective 21 (8a, 8b)*. Retrieved September 27, 2010, from <http://www.healthypeople.gov/document/html/volume2/21oral.htm>
13. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Health and Functional Status (Survey Section 2), Indicator 1.2: Condition of children's teeth, age 1–17: Fair/poor X Household income level*. Retrieved February 24, 2010, from <http://www.nschdata.org>
14. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Health and Functional Status (Survey Section 2), Indicator 1.2: Condition of children's teeth, age 1–17: Fair/poor X Race/ethnicity of child*. Retrieved February 24, 2010, from <http://www.nschdata.org>

15. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Health and Functional Status (Survey Section 2), Decay or cavities, age 1–17: Yes had decay/cavities X Type of insurance*. Retrieved February 24, 2010, from <http://www.nschdata.org>
16. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Health and Functional Status (Survey Section 2), Toothache, age 1–17: Yes had toothache X Type of insurance*. Retrieved February 24, 2010, from <http://www.nschdata.org>
17. U.S. Department of Health and Human Services, Health and Human Services Administration. (2010). *Find Shortage Area: HSPA by State and County*. Retrieved September 27, 2010, from <http://hpsafind.hrsa.gov/HPSASearch.aspx>
18. Oral Health America. (2009). *Kansas Oral Health Grading Project 2009: Keep Kansas Smiling*. Retrieved February 24, 2010, from http://www.oralhealthamerica.org/Kansas_Report_LowRes_Spreads.pdf
19. Kansas Department of Health and Environment, Bureau of Oral Health. (2007). *Kansas Oral Health Plan*. Retrieved May 20, 2010, from http://www.kdheks.gov/ohi/download/Kansas_Oral_Health_Plan.pdf
20. Kansas Dental Hygienists' Association. (2010). *Kansas Dental Hygienists' Extended Care Permit*. Retrieved September 27, 2010, from <http://www.kdha.org/legislation.html>
21. Kansas Legislature. (n.d.). *Statute 72-5201; Chapter 72. – Schools; Article 52. – Health Programs*. Retrieved September 27, 2010, from <http://www.kslegislature.org/legsrv-statutes/getStatuteFile.do?number=/72-5201.html>
22. Oral Health America. (2009). *Kansas Oral Health Grading Project 2009: Keep Kansas Smiling*. Retrieved February 24, 2010, from http://www.oralhealthamerica.org/Kansas_Report_LowRes_Spreads.pdf
23. Ibid. (2009). *Kansas Oral Health Grading Project 2009: Keep Kansas Smiling*.
24. Ibid. (2009). *Kansas Oral Health Grading Project 2009: Keep Kansas Smiling*.
25. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Health and Functional Status (Survey Section 2), Indicator 1.2: Condition of children's teeth, age 1–17*. Retrieved February 24, 2010, from www.nschdata.org
26. American Dental Health Association. (2010). *Key Oral Health Provisions Contained in the Final Health Reform Bill*. Retrieved November 15, 2010, from http://www.adha.org/governmental_affairs/downloads/Oral_Health_Provisions_in_Health_Reform_Legislation.pdf
27. Centers for Disease Control and Prevention, Division of Adolescent and School Health. (2010). *Health Topics: Childhood Obesity*. Retrieved January 25, 2010, from <http://www.cdc.gov/HealthyYouth/obesity/>
28. Cawley J., & Meyerhoefer C. (2010). *The Medical Care Costs of Obesity: An Instrumental Variables Approach (Working Paper 16467)*. Cambridge, MA: National Bureau of Economic Research.
29. Trust for America's Health. (2010). *F as in Fat: How Obesity Threatens America's Future*. Retrieved August 9, 2010, from <http://healthyamericans.org/reports/obesity2010/Obesity2010Report.pdf>
30. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Health and Functional Status (Survey Section 2), Indicator 1.4: Childhood weight status, age 10–17*. Retrieved August 9, 2010, from <http://www.nschdata.org>

31. Centers for Disease Control and Prevention. (2009). *About BMI for Children and Teens*. (2009). Retrieved August 25, 2010, from http://www.cdc.gov/healthyweight/assessing/bmi/childrens_bmi/about_childrens_bmi.html
32. U.S. Department of Health and Human Services. (2008). *2008 Physical Activity Guidelines for Americans*. Retrieved January 25, 2010, from <http://www.health.gov/paguidelines/default.aspx>
33. Kansas Coordinated School Health Program. (2007). *2007 Kansas YRBS Data PowerPoint*. Retrieved January 25, 2010, from http://www.kshealthykids.org/KCSH_Menus/KCSH_YRBSS.htm
34. Trust for America's Health. (2009). *F as in Fat: How Obesity Policies are Failing in America*. Retrieved January 25, 2010, from <http://healthyamericans.org/reports/obesity2009/Obesity2009Report.pdf>
35. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Neighborhood and Community Characteristics (Survey Section 10), Child lives in neighborhood with sidewalks or walking paths*. Retrieved August 9, 2010, from <http://www.nschdata.org>
36. Center for Food & Justice, Urban & Environmental Policy Institute, Occidental College. (2008). *Bearing Fruit: Farm to School Program Evaluation Resources and Recommendations*. Retrieved January 25, 2010, from <http://departments.oxy.edu/uepi/cfj/publications/BF%20full%20report.pdf>
37. Robinson-O'Brien, R., Story, M., & Heim, S. (2009). Impact of garden-based youth nutrition intervention programs: A review. *Journal of the American Dietetic Association*, 109, 273–280.
38. National Farm to School Network. (2010). *Kansas Profile*. Retrieved November 10, 2010, from <http://www.farmtoschool.org/KS/programs.htm>
39. Trust for America's Health. (2010). *F as in Fat: How Obesity Threatens America's Future*. Retrieved August 9, 2010, from <http://healthyamericans.org/reports/obesity2010/Obesity2010Report.pdf>
40. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Health and Functional Status (Survey Section 2), Indicator 1.1: Children's overall health status*. Retrieved September 12, 2010, from <http://www.nschdata.org>
41. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Health and Functional Status (Survey Section 2), Indicator 1.1: Children's overall health status: Special health care needs status*. Retrieved September 12, 2010, from <http://www.nschdata.org>
42. Newacheck, P. W., & Kim, S. E. (2005). A national profile of health care utilization and expenditures for children with special health care needs. *Archives of Pediatrics and Adolescent Medicine*, 159(1), 10–17.
43. Washington State Health Care Policy Board. (1996). *Children with Special Health Care Needs Actuarial Cost Analysis*. Olympia, WA: State of Washington.
44. Davidoff, A. J. (2004). Insurance for children with special health care needs: Patterns of coverage and burden on families to provide adequate insurance. *Pediatrics*, 114(2), 394–403.
45. U.S. Department of Health and Human Services, Health Resources and Services Administration, Maternal and Child Health Bureau. (2009). *Maternal and Child Health Research Program Strategic Research Issues: FY 2004–2009*. Retrieved January 25, 2010, from <http://mchb.hrsa.gov/programs/research/issues.htm>

46. Okumura, M. J., Van Cleave, J., Gnanasekaran, S., & Houtrow, A. (2009). Understanding Factors Associated with Work Loss for Families Caring for CSHCN. *Pediatrics* 124(Suppl. 4), S392–S398.
47. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Kansas, 2007, Indicator 1.13: Health conditions interfere with activity and social participation, CSHCN age 6–17*. Retrieved May 15, 2010, from <http://www.nschdata.org>
48. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Health and Functional Status (Survey Section 2), Subdomain 3: Common acute and chronic conditions*. KHI calculated the results base on K2Q33 Depression and K2Q34 Anxiety questions. Retrieved September 18, 2010, from <http://www.nschdata.org>
49. Frakera, T., & Rangarajanb, A. (2009). The Social Security Administration's youth transition demonstration projects. *Journal of Vocational Rehabilitation*, 30, 223–240.
50. Families Together, Inc. Information available at <http://familiesaltogetherinc.org/>
51. United Way of the Plains. Information available at <http://www.211kansas.org/211findhelp/Program/Search.aspx>
52. Kansas Department of Health and Environment. Make a Difference Information Network. Information available at <http://makeadifferenceks.org/>
53. U.S. Department of Health and Human Services, Health Resources and Services Administration, Maternal and Child Health Bureau. (2008). *Title V: A Snapshot of Maternal and Child Health*. Retrieved September 15, 2010, from <https://perfddata.hrsa.gov/mchb/TVISReports/Snapshot/snapshot.aspx?statecode=KS>
54. Washington State Department of Health. (2005). *Washington Integrated Services Enhancement for Children with Special Health Care Needs, Recommendation Report*. Retrieved July 15, 2010, from <http://www.doh.wa.gov/cfh/mch/WISE.htm>
55. U.S. Department of Health and Human Services, Health Resources and Services Administration, Maternal and Child Health Bureau. (n.d.). *Achieving and Measuring Success: A National Agenda for Children with Special Health Care Needs*. Retrieved July 1, 2010, from <http://www.mchb.hrsa.gov/programs/specialneeds/measuresuccess.htm>
56. The Kansas Statute 75-7429: Medical home delivery system; “medical home” defined; duties of Kansas Health Policy Authority and Kansas State Employees Health Care Commission. (a) As used in this section, “medical home” means a health care delivery model in which a patient establishes an ongoing relationship with a physician or other personal care provider in a physician-directed team, to provide comprehensive, accessible and continuous evidence-based primary and preventive care, and to coordinate the patient's health care needs across the health care system in order to improve quality and health outcomes in a cost effective manner.
57. Child and Adolescent Health Measurement Initiative: Data Resource Center for Child and Adolescent Health. (2007). *National Survey of Children's Health, Survey Sections, Kansas, 2007, Medical Home (Survey Section 5), Indicator 4.8: Have a medical home*. Retrieved September 19, 2010, from <http://www.nschdata.org>
58. The Kaiser Family Foundation. (2010). *Medicaid and CHIP Health Reform Implementation Timeline – Issue Brief*. Retrieved August 7, 2010, from <http://www.kff.org/healthreform/upload/8064.pdf>
59. Silow-Carroll, S., & Hagelow, G. (2010). *Systems of Care Coordination for Children: Lessons Learned Across State Models*. Retrieved September 8, 2010, from <http://www.commonwealthfund.org/Content/Publications/Issue-Briefs/2010/Sep/Systems-of-Care-Coordination-for-Children.aspx>

60. National Collaborative on Workforce and Disability: NCWD for Youth. Information available at <http://www.ncwd-youth.info/>
61. National Conference of State Legislatures. (2008). *State family and medical leave laws that differ from the federal FMLA*. Retrieved January 25, 2010, from <http://www.ncsl.org/Portals/1/Documents/employ/StateFamilyandMedicalLeaveLaws.pdf>
62. U.S. Census Bureau. (n.d.). *Kansas: Selected social characteristics of people at specified levels of poverty in the past 12 months*. In *2009 American Community Survey 1-Year Estimates*. Retrieved November 22, 2010, from http://factfinder.census.gov/servlet/STTable?ds_name=ACS_2009_1YR_G00_&qv_name=ACS_2009_1YR_G00_S1703&_lang=en
63. Robert Wood Johnson Foundation. (2008). *America's Health Starts With Healthy Children: How Do States Compare?* Retrieved January 8, 2010, from <http://www.commissiononhealth.org/Report.aspx?Publication=57823>
64. Children's health status is based on parental assessment, measured as poor, fair, good, very good or excellent. Health reported as less than very good was considered to be less than optimal health. Source: *2003 National Survey of Children's Health*. Prepared for the 2008 RWJF Commission to Build a Healthier America by the Center on Social Disparities in Health at the University of California, San Francisco.
65. Robert Wood Johnson Foundation. (2008). *America's Health Starts With Healthy Children: How Do States Compare?* Retrieved January 8, 2010, from <http://www.commissiononhealth.org/Report.aspx?Publication=57823>
66. Some examples of these programs are Temporary Assistance to Families (TAF), Child Care Assistance, Low Income Home Energy Assistance Program, Medicaid and the state's Children's Health Insurance Program (CHIP), Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) and the Supplemental Nutrition Assistance Program (SNAP) (formerly known as food stamps). Local communities help administer other assistance programs such as Section 8 housing programs, the National School Lunch Program and community specific interventions in the areas of early childhood, education, parent support and community improvement.
67. Kansas Action For Children. (2008). *Getting Ahead in Kansas*. Retrieved February 22, 2010, from <http://www.kac.org/ftp/File/Publications/assetdevroadmap.pdf>
68. Kansas Head Start Association. Information available at <http://www.ksheadstart.org/>
69. Kansas State Department of Education. Information available at <http://www.ksde.org/Default.aspx?tabid=2284>
70. Kansas Early Childhood Comprehensive Systems (KECCS) Plan. Information available at <http://www.keccs.org/>
71. Current Population Survey. (2009). *Education attained and median weekly earnings*. Retrieved August 2, 2010, from http://www.bls.gov/emp/ep_chart_001.txt
72. Blundell, R., Dearden, L., & Sianesi, B. (2005). Evaluating the effect of education on earnings: Models, methods and results from the National Child Development Survey. *Journal of Royal Statistics*, 168(3), 473–512.
73. Card, D. (1999). The Causal Effect of Education on Earnings. In O. Ashenfelter, R. Layard, & D. Card (Eds.), *Handbook of Labor Economics*, Vol. 3 (pp. 1801–186). Holland: Elsevier.
74. Karoly, L. A., Greenwood, P. W., Everingham, S. S., Houbé, J., Kilburn, M. R., Rydell, C. P., et al. (1998). *Investing in Our Children: What We Know and Don't Know About the Costs and Benefits of Early Childhood Interventions*. Retrieved January 14, 2010, from http://www.rand.org/pubs/research_briefs/RB5014/index1.html

75. Bone, J. (2010). *Kentucky's Ready-To-Work Program*. Retrieved May 12, 2010, from <http://www.clasp.org/admin/site/publications/files/RTW.pdf>
76. Karoly, L. A., Greenwood, P. W., Everingham, S. S., Houbé, J., Kilburn, M. R., Rydell, C. P., et al. (1998). *Investing in Our Children: What We Know and Don't Know About the Costs and Benefits of Early Childhood Interventions*. Retrieved January 14, 2010, from http://www.rand.org/pubs/research_briefs/RB5014/index1.html
77. Johnson, E., & Sherraden, M. S. (2007). From financial literacy to financial capability among youth. *Journal of Sociology and Social Welfare*, 34(3), 119–145.
78. Mason, L. R., Clancy, M., Vernon, L., Youngmi, K., Yunju, N., & Lo, S. (2007). *SEED Account Monitoring Research: Participants and Savings Outcomes*. Retrieved May 13, 2010, from <http://csd.wustl.edu/AssetBuilding/SEED/Pages/SEEDAccountMonitoringResearch.aspx>
79. Christy-McMullin, K., Shobe, M., & Wills, J. (2009). Arkansas IDA Programs: Examining Asset Retention and Perceptions of Well-Being. *Journal of Social Service Research*, 35(1), 65–76.
80. Golonka, S., & Hoffman, L. (2008). *State Strategies to Reduce Child and Family Poverty*. Retrieved January 26, 2010, from <http://www.nga.org/Files/pdf/0806POVERTYBRIEF.PDF>
81. Kronebusch, K., & Elbel, B. (2004). Simplifying Children's Medicaid and SCHIP: What Helps? What Hurts? What's Next for States? *Health Affairs*, 23(3), 233–246.
82. Zaslow, M. J., Moore, K. A., Brooks, J. L., Morris, P. A., Tout, K., Redd, A. Z., et al. (2002). Experimental Studies of Welfare Reform and Children. *The Future of Children*, 12(1), 79–96.
83. Payne, R., DeVol, P., & Smith, T. D. (2001). *Bridges Out of Poverty: Strategies for Professionals and Communities*. Highlands, TX: Aha! Process, Inc.
84. Dubay, L., & Kenney, G. (2003). Expanding public health insurance to parents: Effect on children's coverage under Medicaid. *Health Services Research*, 38(5), 1282–1302.
85. Newacheck, P. W., Stoddard, J. J., Hughes, D. C., & Pearl, M. (1998). Health Insurance and Access to Primary Care for Children. *The New England Journal of Medicine*, 338(8), 513–519.
86. Temple, J. A., & Reynolds, A. J. (2007). Benefits and costs of investments in preschool education: Evidence from the Child-Parent Centers and related programs. *Economics of Education Review*, 26, 126–144.
87. Allison, M. A., Crane, L. A., Beaty, B. L., Davidson, A. J., Melinkovich, P., & Kempe, A. (2007). School-Based Health Centers: Improving Access and Quality of Care for Low-Income Adolescents. *Pediatric*, 120, 887–894.
88. Peterson Geierstanger, S., Mansour, M., & Russell Walters, S. (2004). School-Based Health Centers and Academic Performance: Research, Challenges, and Recommendations. *Journal of School Health*, 74(9), 347–352.
89. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Adolescent and School Health; Health Resources and Services Administration, Maternal and Child Health Bureau, Office of Adolescent Health; & National Adolescent Health Information Center, University of California, San Francisco. (2004). *Improving the Health of Adolescents & Young Adults: A Guide for States and Communities*. Atlanta, GA: Centers for Disease Control and Prevention.

90. Centers for Disease Control and Prevention. (2010). Youth Risk Behavior Surveillance — United States 2009. *Morbidity and Mortality Weekly Report (MMWR) 2010; 59*(No. SS-5).
91. American Medical Association. (2010). *Harmful Consequences of Alcohol Use on the Brains of Children, Adolescents, and College Students*. Retrieved February 15, 2010, from http://www.ama-assn.org/ama1/pub/upload/mm/388/harmful_consequences.pdf
92. Kansas Communities That Care. (2010). *Lifetime inhalant use among 8th grade students in 2010*. Retrieved January 22, 2010, from http://beta.ctcdata.org/index.php?page=login.php&func=func.select_data.php&grp_name=Kansas&bld=0&grp_typ=cnty&factor=100-data&resp=488&question_code=Q0048&view=question
93. National Institute on Drug Abuse. (2001). *Facts About Inhalant Abuse*. Retrieved February 16, 2010, from http://archives.drugabuse.gov/NIDA_Notes/NNVol15N6/tearoff.html
94. Kansas Department of Health and Environment, Bureau of Public Health Informatics, Vital and Health Statistics Data. (2010). *Pregnancy Statistics for the State of Kansas*. Retrieved on February 18, 2010, from http://kic.kdhe.state.ks.us/kic/preg_table.html
95. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. (2006). *School Health Policies and Practices Study*. Retrieved February 17, 2010, from <http://www.cdc.gov/HealthyYouth/shpps/index.htm>
96. Gever, M. (2006). *Environmental Strategies for Preventing Underage Drinking*. Retrieved January 22, 2010, from <http://www.ncsl.org/default.aspx?tabid=14076>
97. Kansas Department of Transportation. (2008). *Kansas DUI Laws*. Retrieved January 21, 2010, from <http://www.ksdot.org/burTrafficSaf/alcdriv/DUILaws.asp>
98. Kansas House of Representatives. (2010). *Supplemental Note on Senate Bill No. 368*. Retrieved February 16, 2010, from <http://www.kslegislature.org/supplemental/2010/SN0368.pdf>
99. Centers for Disease Control and Prevention. (2010). *Injury Prevention & Control: Motor Vehicle Safety. Impaired Driving*. Retrieved February 18, 2010, from http://www.cdc.gov/MotorVehicleSafety/Impaired_Driving/impaired-driv_factsheet.html
100. Centers for Disease Control and Prevention. (2008). Youth Risk Behavior Surveillance — United States 2007. *Morbidity and Mortality Weekly Report (MMWR) 57*(SS-4).
101. U.S. Department of Justice, Office of Justice Programs, Office of Juvenile Justice and Delinquency Prevention. (n.d.). *LifeSkills Training*. Retrieved June 22, 2010, from <http://www.ojjdp.gov/mpg/mpgProgramDetails.aspx?ID=353>
102. Hollister, R. (2003). *The Growth in After-School Programs and Their Impact*. Retrieved February 25, 2010, from http://www.brookings.edu/papers/2003/0225poverty_hollister.aspx
103. Center on Alcohol Marketing and Youth, Johns Hopkins University. (2003). *State Alcohol Advertising Laws: Current Status and Model Policies*. Retrieved February 23, 2010, from http://www.camy.org/research/State_Alcohol_Advertising_Laws_Current_Status_and_Model_Policies/index.html
104. National Conference of State Legislatures. (2006). *Environmental Strategies to Prevent Underage Drinking*. Retrieved February 23, 2010, from <http://www.ncsl.org/default.aspx?tabid=14076>

105. U.S. Department of Justice, Office of Justice Programs, Office of Juvenile Justice and Delinquency Prevention. (n.d.). *Nurse-Family Partnership*. Retrieved June 22, 2010, from <http://www.ojjdp.gov/mpg/mpgProgramDetails.aspx?ID=368>
106. U.S. Department of Justice, Office of Justice Programs, Office of Juvenile Justice and Delinquency Prevention. (n.d.). *Big Brothers Big Sisters*. Retrieved June 22, 2010, from <http://www.ojjdp.gov/mpg/mpgProgramDetails.aspx?ID=302>
107. Stevenson, B. (2010). *Beyond the Classroom: Using Title IX to Measure the Return to High School Sports*. Retrieved February 26, 2010, from <http://bpp.wharton.upenn.edu/betseys/papers/TitleIX.pdf>
108. National Association of Child Care Resource and Referral Agencies (NACCRRA). (2010). *Quality Child Care: Recognizing and Choosing the Best for Your Children*. Retrieved September 2, 2010, from <http://www.childcareaware.org/en/subscriptions/dailyparent/volume.php?id=39>
109. The Brookings Institution and First Focus. (2008). *Supporting Young Children and Families: An Investment Strategy That Pays*. Retrieved July 1, 2010, from http://www.brookings.edu/papers/2008/08_children_families_isaacs_Opp08.aspx
110. National Association of Child Care Resource and Referral Agencies (NACCRRA). (2008). *Number of Children Potentially Needing Care*. Retrieved February 2, 2010, from <http://www.naccrra.org/randd/child-demographics>
111. Ibid. (2008). *Number of Children Potentially Needing Care*.
112. National Association of Child Care Resource and Referral Agencies (NACCRRA). (2010). *Parents and the High Price of Child Care 2010 Update*. Retrieved November 13, 2010, from http://www.naccrra.org/randd/state_by_state_facts.php
113. Ibid. (2010). *Parents and the High Price of Child Care 2010 Update*.
114. Kansas Department of Health and Environment, Bureau of Child Care and Health Facilities, Child Care Licensing and Registration. (2001). *The Basis for the Purpose of Child Care Regulation*. Retrieved March 22, 2010, from http://www.kdheks.gov/bcclr/gen_info.html
115. Kansas Department of Health and Environment, Bureau of Child Care and Health Facilities, Child Care Licensing and Registration. (2010). *Lexie's Law, Senate Substitute for HB 2356*. Retrieved July 6, 2010, from http://www.kdheks.gov/bcclr/lexies_law.htm
116. Kansas Action for Children. (2010). *Capitol Connection* e-mail newsletter for March 5, 2010. Received via email correspondence from <http://www.kac.org>
117. Center for the Child Care Workforce. (n.d.). *State Compensation Initiatives for Early Childhood Educators*. Retrieved July 14, 2010, from http://www.ccw.org/index.php?option=com_content&task=view&id=27&Itemid=56#health
118. Keystone Research Center. (2001). *Pennsylvania Child Care Workers Face Health Insurance Crisis*. Retrieved July 6, 2010, from <http://keystoneresearch.org/publications/research/pennsylvania-child-care-workers-face-health-insurance-crisis>



KANSAS HEALTH INSTITUTE

212 SW Eighth Avenue, Suite 300

Topeka, Kansas 66603-3936

Telephone (785) 233-5443

Fax (785) 233-1168

www.khi.org



KANSAS HEALTH INSTITUTE
