

## The Urban Child Institute Mission

The Urban Child Institute is a non-profit organization dedicated to the well-being and health of children from conception to three years old in Memphis and Shelby County. We are a data-driven, result-oriented coalition of community researchers, strategists, and practitioners who share a common vision of turning research into actionable knowledge. The Urban Child Institute is working to become a recognized leader in child advocacy research, a trustworthy community partner, and a place of choice for expertise, advice, and collaboration for those who want to improve the lives of children in Memphis, Tennessee.

# Data Book Purpose

The State of Children in Memphis & Shelby County was created by The Institute and first published in 2006. The initial purpose was to collect the best available data on children in our community. Many individuals and organizations were gathering important information on children, but the 2006 "Data Book" was the first time that the data had been assembled in a single document.

This 2011 volume continues to track and update the data. It has also become more focused on our community's youngest children, specifically those under age three. Additionally, The Institute is excited that the new Data Book includes contributions from some of our community's top experts in various fields related to children's well-being.

We hope that the Data Book will be a useful tool for government leaders, service providers, educators, and all community stakeholders who desire positive changes in Memphis and Shelby County. We believe that the evidence it presents for the importance of children's earliest years provides clear direction for community efforts to improve the lives of our children and the future of our community.

#### 2011 Introduction

The Urban Child Institute's Data Book provides the most comprehensive information available about the state of children in Memphis and Shelby County. It is also a call to action, challenging us to make Memphis known as a city that cares for its children. This year's data should encourage us to redouble our efforts in the battle to give every child in our community a fair start in life.

To do so, we need to invest early. The first three years of life are an especially important period for brain development. During this time, the brain is still organizing itself, and a child's earliest experiences help determine the wiring of his brain. Positive experiences help create strong and efficient connections that form the foundation for more advanced networks that will emerge later. Children's long-term behavioral adjustment, emotional well-being, and academic achievement are based upon skills that are learned before age three.

The figures in the Data Book highlight the challenges that we face, but they also remind us that every one of us has a role to play – government, the faith community, neighborhoods, grassroots organizations and, most of all, families. It is in joining hands that children's issues will be put at the top of the agenda for Memphis and Shelby County.

### The 2011 Data Book spotlights key facts that should propel our best efforts:

- Concentrated poverty is spreading and increasing: one in three Memphis census tracts have poverty rates 40% or more
- Too many children aren't ready for kindergarten, a trend exacerbated by the rising rate of children in poverty
- Achievement gaps result from the way children's brains develop
- Shelby County performs poorly on most measures of child health, leaving effects that last a lifetime
- Significant numbers of parents are not fostering optimal development of their children

- For African-Americans, infant mortality is higher today compared to 2000, while for whites it has dropped by one-third
- Teen birth rates for African-Americans have risen slightly since 2002 while dropping 25% for whites
- Risks to the children of teenage mothers begin in the womb
- The relationship between family income and school readiness is not fixed: many children do better than demographics would suggest

The good news is that we know what works: getting the youngest children into Early Head Start and Memphis City Schools pre-K, getting more people into parenting classes, and funding more home visitation programs.

The facts in the Data Book can be complex, but the equation for changing them is simple: Investments and interventions in early child development improve education, build a better workforce, reduce crimes, expand the economy, and build a stronger Memphis.

Index of Charts	PAGE
Demographics	
Number & Percent of Children, Memphis and Suburban Shelby County, 2009	19
Number & Percent of Children by Age, Memphis and Suburban Shelby County, 2009	19
Number & Percent of Children by Race, U.S., TN, MSA, Shelby County, and Memphis, 2009	20
Number & Percent of Children by Living Arrangement, Memphis and Suburban Shelby County, 2009	20
Median Family Income by Presence of Children, Memphis and Shelby County, 2009	21
Gross Rent as Percent of Household Income, Shelby County, 2000-2009	22
Number & Percent of Children in Poverty, Memphis and Suburban Shelby County, 2009	23
Percent of Children in Poverty, Memphis and Suburban Shelby County, 2003-2009	24
Percent of Children by Living Standard, Shelby County, 2009	24
Number & Percent of Children Living in Poverty by Living Arrangement, Memphis and Suburban Shelby County, 2009	26
Median Annual Income by Educational Attainment, Shelby County, 2009	27
Number & Percent of Households by Presence of Children, Memphis and Suburban Shelby County, 2009	28
Health	
Number of Total Live Births, Low Birth Weight Births, and Infant Deaths, Shelby County, 2002-2009	33
Infant Mortality Rate/1,000 Live Births by Race, Shelby County, Tennessee, and United States, 2000-2009	34
Percent of Low Birth Weight Babies by Race, Shelby County, Tennessee, and United States, 2000-2009	35
Birth Rate/1,000 Females Age 10-19 Years, Shelby County and Tennessee, 2002-2009	36
Percent of Births to Unmarried Mothers, Shelby County and Tennessee, 2002-2009	37
Percent of Mothers Who Reported Smoking During Pregnancy, Shelby County and Tennessee, 2002-2009	38
Percent of Mothers Who Reported Having Received No Prenatal Care, Shelby County and Tennessee, 2000-2009	39
Percent of Mothers Who Gained 50 lbs. or More During Pregnancy, Shelby County and Tennessee, 2000-2009	40
Family and Home Environment	
Percent of Mothers Who Scored At Risk on Mother-Child Interaction Scale at 12 Months and 24 Months by Maternal Age	47
Percent of Mothers Who Scored At Risk on Mother-Child Interaction Scale at 12 Months and 24 Months by Maternal Education	48
Percent of Mothers Who Scored At Risk on Mother-Child Interaction Scale at 12 Months and 24 Months by Race	49
Percent of Mothers Who Scored At Risk for Depression at 4 Weeks and 12 Months by Maternal Age	49
Percent of Mothers Who Scored At Risk for Depression at 4 Weeks and 12 Months by Maternal Education	50

	PAGE
Percent of Mothers Who Scored At Risk for Depression at 4 Weeks and 12 Months by Maternal Race	50
Percent of Mothers Who Scored At Risk on Mother-Child Interaction Scale at 12 Months and 24 Months by Maternal Age (among mothers with depression)	51
Percent of Mothers Who Scored At Risk on Mother-Child Interaction Scale at 12 Months and 24 Months by Maternal Education (among mothers with depression)	52
Percent of Mothers Who Scored At Risk on Mother-Child Interaction Scale at 12 Months and 24 Months by Maternal Race (among mothers with depression)	52
Education	
Average School Kindergarten Readiness Indicator by Poverty	58
Tennessee Woodcock Johnson Scores Before and After Pre-K	59
Memphis City School Kindergarten Readiness Indicator Scores by Type of Care in Previous Year, 2006-2009	60
Community	
Percent of Total Population in Poverty by Census Tract, Shelby County, 2005-2009	69
Percent of Children in Poverty by Census Tract, Shelby County, 2005-2009	69
Percent of Families with Children with No Adults in Labor Force by Census Tract, Shelby County, 2005-2009	70
Churning Rate of Public Schools, Shelby County, 2008-2009	71
NAECY Programs and Percent of EITC Filers by Zip Code, Shelby County	72
Distribution of Violent Crime by Census Tract, Memphis, 2008-2010	74
Special Interest Section: Intimate Partner Violence	
Distribution of Women in Abusive Relationships by Zip Code, Shelby County, 2008	81
Distribution of Women in Abusive Relationships by Zip Code and Demographic Characteristics, Shelby County, 2000 & 2008	81
Median Household Income by Zip Code, Shelby County, 2000	82
Median Home Value by Zip Code, Shelby County, 2000	82
Promising Practice: BLUES Project	
Adverse Birth Outcomes by Curriculum Delivery	89
Prevalence of Social Risk by Curriculum Delivery at Baseline and 24 Months	90

## Acknowledgments

The Urban Child Institute's *The State of Children in Memphis and Shelby County: Data Book* could not be produced and distributed without the help of numerous people.

The publication was assembled and produced under the general direction of The Urban Child Institute's Director of Data Management, Catherine Joyce, M.A. Marc Goodman-Bryan, M.A., Research Associate of The Urban Child Institute served as editor and also contributed a large share of original content. The Institute's Research Associate Rhonda Guinn, M.P.H. provided a wide range of data support and collection.

The Institute is appreciative for domain contributions from several community researchers.

- **Health:** Henry Herrod, M.D., Senior Resident Fellow of The Urban Child Institute
- Family & Home: J. Carolyn Graff, Ph.D., Chief of Nursing at the Boiling Center for Developmental Disabilities
- Education: Doug Imig, Ph.D., Resident Fellow of The Urban Child Institute, with assistance from Stephanie Donahue, M.S., and Erica Christensen
- Community: Phyllis Betts, Ph.D., Director of The University of Memphis Center for Community Building and Neighborhood Action (CBANA) and W. Richard Janikowski, Ph.D., Director of The University of Memphis Center for Community Criminology Research
- Special Interest- Intimate Partner Violence: Pamela Connor Ph.D., Professor of

Biostatistics and Chair of Epidemiology at The University of Tennessee Health Science Center, Department of Preventative Medicine with assistance from Simonne Nouer, M.D., Ph.D., Nathan Tipton, M.A., See'Trail Mackey, M.C.J., M.P.A., Megan Banet, M.A., and Jennifer Phagan, M.S.

 Promising Practice: Kimberly Lamar, Ph.D., Assistant Professor at The University of Tennessee Health Science Center, Department of Preventative Medicine

Special thanks are also due to Juliane Richter from The University of Memphis Center for Multimedia Arts for design and layout.

Additionally, The Institute is appreciative of the work of Tom Jones of Smart City Memphis on the Introduction.

© 2011 The Urban Child Institute 600 Jefferson Avenue, Memphis, TN 38105 www.theurbanchildinstitute.org

The 2011 Data Book can be viewed and downloaded at www.theurbanchildinstitute.org.

Permission to copy, disseminate, or otherwise use information from this publication is granted as long as appropriate acknowledgement is given. Suggested citation:

The Urban Child Institute. (2011). *The State of Children in Memphis and Shelby County: Data Book*. Memphis, TN: The Urban Child Institute.