

# AFFORDABLE CARE ACT MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING PROGRAM

SUPPLEMENTAL INFORMATION REQUEST:  
STATEWIDE NEEDS ASSESSMENT

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**OHIO DEPARTMENT OF HEALTH**  
**DIVISION OF FAMILY AND COMMUNITY HEALTH SERVICES**

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## TABLE OF CONTENTS

|  |    |
|--|----|
| Introduction .....   | 1  |
| Section 1: Complete a statewide data report. ....  | 3  |
| Section 2: Identify the unit selected as “community.” .....  | 18 |
| Section 3: Complete a data report for each at risk community in the state. ....  | 48 |
| Section 4: Provide information on the quality and capacity of existing programs/initiatives for early childhood home visitation in each of the communities identified as being at risk. ....   | 50 |
| Section 5: Provide a narrative description of the State’s capacity for providing substance abuse treatment and counseling services to individuals/families in need of these services who reside in communities identified as being at risk. .... | 74 |
| Section 6: Provide a narrative summary of needs assessment results, including a discussion of how the State will address unmet needs. ....   | 79 |
| Appendices:  |    |
| • Appendix A: Required Data Reporting Matrix   |    |
| • Appendix B: Letters of Support   |    |
| • Appendix C: Needs Assessment Data Tables   |    |

## INTRODUCTION

The Ohio Department of Health (ODH), on behalf of the State of Ohio, respectfully presents the following information in response to the Supplemental Information Request for the Submission of the Statewide Needs Assessment issued by HRSA on August 19, 2010.

From the first issuance of the Funding Opportunity Announcement in June 2010, ODH has worked cooperatively with other agencies, organizations and advocates for maternal, infant and early childhood home visiting initiatives in Ohio to prepare for this needs assessment and report. With funding support from the Ohio Partnership to Build Stronger Families and Ohio Medicaid, ODH engaged the services of The Center for Child Health and Policy at Rainbow, UH Rainbow Babies and Children's Hospital and The Center for Urban Poverty & Community Development, Mandel School for Applied Social Sciences at Case Western Reserve University, Cleveland, Ohio (Case) to conduct a 2-part needs assessment based on the requirements detailed in the FOA: (1) Assessment of communities in Ohio with concentrations of risk factors and poor outcomes; and (2) Statewide survey of Ohio's home visiting programs: service, capacity, and needs. Sections of the reports produced by Case describing the needs assessment process and outcome are reproduced throughout this document.

Primary partners in this effort have been:

- The Ohio Department of Health, Title V MCH Lead Agency
- The Ohio Children's Trust Fund, CAPTA Lead Agency
- The Ohio Head Start Collaboration Office
- The Ohio Department of Alcohol and Drug Addiction Services
- The Governor's Early Childhood Cabinet
- The Ohio Family and Children First Council

Representatives of these agencies have helped to identify sources of data and have been a part of decisions regarding communities at greatest risk for poor health and social outcomes across the state.

Information and support have also been provided by the Ohio Department of Education, the Ohio Office of Criminal Justice (Family Violence Prevention and Treatment), and the Ohio Department of Job and Family Services Office of Families and Children. These agencies are committed to the on-going work of planning and collaboration to enhance the systems that support maternal, infant and early childhood home visiting services.

Ohio also is home to OHIO EBHV Mercy Healthy Connections Home Visitation, one of the 17 demonstration projects funded by The Children's Bureau (CB) within the Administration for Children and Families (ACF) at the U.S. Department of Health and Human Services. Staff from Mercy has also participated as stakeholders in this needs assessment process.

At two different times in this process, ODH convened meetings of stakeholders to gather their insights relative to the needs of families in Ohio and the capacity of existing programs to meet those needs.

Ohio already has a foundation of interagency collaboration to support early childhood development.

**Ohio Family and Children First Council (OFCF)** is a partnership of state and local government, communities and families that enhances the well-being of Ohio's children and families by building community capacity, coordinating systems and services, and engaging and empowering families. The purpose of the council is to help families seeking government services by streamlining and coordinating services, resources, and systems. To accomplish this purpose, cross-system collaboration, leadership, and authority of the OFCF Cabinet is required.

Ohio Family and Children First (OFCF) is statutorily defined as the Governor's Cabinet for children and families that was established in 1993 by the Ohio Revised Code. The OFCF Cabinet Council is comprised of eleven state agencies (Aging, Alcohol & Drug Addiction Services, Developmental Disabilities, Education, Health, Job & Family Services, Mental Health, Rehabilitation & Corrections, Youth Services, Rehabilitation Services Commission, and Office of Budget & Management). Locally, the county commissioners regulate the 88 county Family and Children First (FCF) Councils.

In March 2007, Governor Ted Strickland signed an executive order establishing an **Early Childhood Cabinet** to set state policy and coordinate programs serving Ohio children from prenatal through kindergarten. This action united key state agencies around a common goal of promoting school readiness. The Cabinet is composed of the heads of the departments of alcohol and drug addiction services, education, health, job and family services, mental health, and developmental disabilities. The Governor also appointed a director to staff the Cabinet.

The Early Childhood Cabinet and its **Advisory Council** work in tandem to ensure that all children have access to high quality early childhood experiences so that every child is socially, emotionally, physically, and intellectually prepared to use his or her capabilities to succeed.

With these organizations and partners, the culture of collaboration is in place within which the work of enhancing systems and coordinating services for home visiting can continue. We look forward to building on the information of this new needs assessment to improve the overall system of care while we continue to provide services to Ohio's children and families.

## SECTION 1: COMPLETE A STATEWIDE DATA REPORT.

### STATEWIDE DATA REPORT

See Appendix A, page 2.

### ASSESSMENT OF COMMUNITIES IN OHIO WITH CONCENTRATIONS OF MATERNAL AND CHILD RISK FACTORS AND POOR OUTCOMES

#### BACKGROUND

Home visiting programs for pregnant women and young children can identify pregnant women (especially those at risk and needing services), provide services that reduce risks for poor birth outcomes such as preterm birth and low birth weight (major causes of childhood morbidity and mortality), promote parent understanding of child development and the needs of young children, connect families with material and support services, promote evidence-based early childhood services and programs (e.g., developmental screening, lead screening, immunization, medical home), and provide referrals for needed services. However, to inform plans that strengthen and improve home visiting programs across Ohio, it is first necessary to understand the current status of risk factors across the state and, based on data, identify communities at particularly high risk.

#### GOALS

The goals of this research project were to: (1) define rates of specific risk factors and poor outcomes for pregnant women and young children in Ohio and its counties and (2) identify subpopulations at particularly high risk for poor maternal and child health outcomes.

#### METHODS

**Risk Indicators** To identify and characterize high risk communities, we used several indicators of pregnancy, child health, and risk factors that contribute to poor outcomes. The indicators encompass the ones listed in the federal guidelines for preparing the statewide needs assessment for the Affordable Care Act Maternal, Infant, and Early Childhood Home visiting program (hereafter referred to as the “federal guidance document” (OMB, Home Visiting Needs Assessment, OMB Control No. 0915-0333). Additionally we examined indicators deemed important based on previously published literature.

Accordingly, we identified six major domains, each of which includes several indicators. They are described briefly below:

- Prenatal care and birth outcomes (also referred to as birth indicators) This domain includes the following indicators: (1) lack of prenatal care (in first trimester or in both first and second trimester), (2) low birth weight infants (LBW) and also a subgroup of very low birth weight infants (VLBW), and (3) preterm delivery as well as a subgroup of extreme preterm delivery. Preterm delivery and low birth weight are major sources of morbidity and mortality (Doyle and Anderson 2010; Hack 2009; Hack et al, 2005; Synnes et al 2010).
- Maternal behavioral risk factors This domain includes being a single mother, having less than high school (12<sup>th</sup> grade) education, tobacco use during pregnancy, and less than 18 months of birth spacing from previous live birth. These risk indicators are selected based on their association with poor outcomes (Shah and Zao 2010; Zhu et al 1999; Suzuki et al 2008).
- Perinatal and infant mortality This domain includes fetal deaths, neonatal deaths, and postneonatal. Together, neonatal and postneonatal mortality define infant mortality.
- Socioeconomic indicators This domain includes the community indicators which are associated with poor outcomes – including the proportion of children living in poverty, residents of all ages living in poverty, unemployment rate, and high school drop-out rate (Janevic et al 2010; Reagen and Salisbury 2005, Smith et al 2009).
- Crime and substance use This domain includes community indicators which are also associated with poor outcomes including rates of crime, domestic violence, and substance use (Masi et al 2007).
- Child health and well-being (also referred to as child health indicators) While there are several potential indicators of child health and well-being, this report focuses on ones that are potentially affected by home visiting programs – including rates of foster care, lead toxicity, child maltreatment, and child mortality.

#### DATA SOURCES:

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The indicators originated from various sources, as detailed below, and in Methods Table. When derived from birth certificate records, data were provided to the authors, in aggregate, by the staff at the Ohio Department of Health. Given that the authors had no access to individual-level data, this study does not constitute human subjects research. Therefore, no approval was sought from the Institutional Review Board.

To provide comprehensive, evidence-based assessments, several data sources were used. The sources are listed below, and both definitions and metrics for analyses are described in the Methods Table:

- The Ohio Department of Health Vital Records and Lead Surveillance Program
  - Birth indicators
  - Maternal behavioral risk factors
  - Mortality data
  - Elevated lead levels
- Bureau of Labor Statistics
  - Unemployment rates
- Ohio Family Health Survey (OFHS; 2008), the largest state sponsored health survey in the USA collected by phone interview, involving 51,000 families in Ohio and is “designed to obtain statewide, regional and some county level data on health status, health care access and utilization, satisfaction, insurance status, as well as general family structure, demographics and geography.” (<http://grc.osu.edu/ofhs/>)
  - Child poverty rate
  - Tobacco use
  - Alcohol use
- Annie E. Casey Foundation (<http://www.aecf.org/>)
  - High school drop-out rate
  - Children in foster care
- Substance Abuse and Mental Health Services Administration (SAMHSA)
  - Marijuana use
  - Illicit drug use excluding marijuana
  - Nonmedical drug use of prescription drugs
- The Supreme Court of Ohio and the Ohio Judicial System
  - Domestic violence
- The Ohio Department of Public Safety
  - Crime data
- The Ohio Department of Youth Services
  - Child abuse/neglect

## LIMITATIONS:

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Limitations of the analyses include:

- The geographical unit to identify at risk communities consists of counties, which are the smallest geographical unit for which measures were available for all relevant indicators. However, measures at the county level fail to reflect the heterogeneity of the population because they provide an average across more or less disadvantaged cities or neighborhoods. In a large metropolitan county, for example, these measures are averaged across the high rates found in urban areas and the low rates in suburban, wealthier neighborhoods.
- Some indicators originating from vital records carried missing values. As well, some were self-reported, subject to recall bias and social desirability.
- While we adopted a more expansive approach to the assessment of communities by including additional measures beyond those required by the federal guidance, we note that the list of measures used in this report is representative, but not exhaustive of the domains. As well, while we account for some measures separately, they are strongly associated with each other (e.g., preterm birth and low birth weight). Others may be linked in a contributory manner (e.g. socioeconomic status, race-ethnicity, and prematurity); it is beyond the scope of this analysis to assess independent risk factors as data are not available on individual per person level
- We recognize that alternative methods of rating and aggregation may yield somewhat different results. However, the approach chosen is based on established precedents ([www.commonwealthfund.org](http://www.commonwealthfund.org)), and enables full transparency in identifying data for individual variables and their aggregates.

| Methods Table                                     |  |                                      |   |  |   |  |
|---|--|--------------------------------------|---|--|---|--|
| Domain  | Specific Indicators                            | Data source(s)                       | Definition  | Numerator  | Denominator   | Notes  |
| Prenatal care and birth outcomes (Birth outcomes) | Lack of prenatal care in the first trimester * | Birth Certificate Records, 2006-2008 | % of mothers with no prenatal care in the first trimester | Number of mothers with no prenatal care in the first trimester | Mothers with non-missing data in the variable indicating the month of initiation of prenatal care | Denominator for this indicator is lower than that of other perinatal indicators, due to the fact that mothers with unknown month of initiation of prenatal care are excluded from the analysis<br><br>We also examine the data for women who lacked prenatal care in both 1 <sup>st</sup> and 2 <sup>nd</sup> trimesters; these data were not included in composite measures, however. |
|   | Low Birth Weight ‡ *                           | Birth Certificate Records, 2006-2008 | % Live births with birth weight < 2500 grams              | Number of live births with birth weight < 2500 grams           | Total live births with non-missing data for birth weight  | We also examined data for the very low birth weight (birth weight < 1500 grams); these data were not included in the composite measures, however.  |

|                                       |                                      |                                      |   |   |  |   |
|---------------------------------------|--------------------------------------|--------------------------------------|---|---|--|---|
|                                       | Pre-term births (prematurity) ‡<br>* | Birth Certificate Records, 2006-2008 | % Live births at < 37 weeks of gestation          | Number of live births at < 37 weeks of gestation  | Total live births with non-missing data for gestational age    | Numerator and Denominator include data for extreme prematurity as well                        |
|                                       | Extreme preterm births               | Birth Certificate Records, 2006-2008 | % Live births at < 32 weeks of gestation          | Number of live births at < 32 weeks of gestation  | Total live births with non-missing data for gestational age    | This is a subset of premature births. These data were not included in the composite measures. |
| <b>Perinatal and Infant Mortality</b> | Fetal mortality<br>*                 | Death Certificate Records, 2006-2008 | Fetal deaths per 1,000 still and live births      | All stillbirths at 20 weeks of gestation or above | Total births (dead or alive) at 20 weeks of gestation or above |   |
|                                       | Neonatal mortality *                 | Death Certificate Records, 2006-2008 | Deaths in the first 28 days per 1,000 live births | All live births that died within 28 days of life  | Total live births  | Infant mortality consists of neonatal plus postneonatal mortality                             |

|   |  |                                      |  |   |   |  |
|---|--|--------------------------------------|--|---|---|--|
|   | Postneonatal mortality *               | Death Certificate Records, 2006-2008 | Deaths in the first 28 to 365 days of life per 1,000 live births | All live births that have died in the first 28 to 365 days of life to total live births | Total live births   | Infant mortality consists of neonatal plus postneonatal mortality  |
|   | Infant mortality ‡                     | Death Certificate Records, 2006-2008 | Deaths in the first year of life per 1,000 live births           | All live births that have died in the first year of life to total live births           | Total live births   | Neonatal and post-neonatal mortality are subsets of infant mortality, each providing more specific information about infant mortality. |
| <b>Maternal Behavioral Risk Factors</b> | Single mother *                        | Birth Certificate Records, 2006-2008 | % Live births to single mothers                                  | Number of live births to unmarried mothers  | Total live births with non-missing data for mother's marital status |  |
|   | Mothers with < 12 years of education * | Birth Certificate Records, 2006-2008 | % Live births to mothers with < 12 years of education            | Number of live births to mothers with < 12 years of education                           | Total live births with non-missing data for maternal education      | Excluded from the numerator and denominator are mothers < 20 years of age  |

|  |  |                                      |  |  |  |  |
|--|--|--------------------------------------|--|--|--|--|
|  | Mothers smoking tobacco during pregnancy * | Birth Certificate Records, 2006-2008 | % Live births to mothers who have reported using tobacco during pregnancy    | Number of live births to mothers who have reported using tobacco during pregnancy    | Total live births with non-missing data on use of tobacco during pregnancy                     |  |
|  | Birth spacing < 18 months *                | Birth Certificate Records, 2006-2008 | % Live births to mothers with live birth in the 18 months preceding delivery | Number of live births to mothers with live birth in the 18 months preceding delivery | Total multiparous mothers with non-missing data on date of previous birth                      | Primiparous mothers excluded from the analysis   |
|  | Lack of breastfeeding                      | Birth Certificate Records, 2006-2008 | % Live births to mothers not breastfeeding their infant at discharge         | Number of live births to mothers not breastfeeding their infant at discharge         | Total live births with non-missing data on mothers not breastfeeding their infant at discharge | Not included in composite measures as this variable assesses intent but not long term behavior |

|                                  |                              |   |  |  |  |   |
|----------------------------------|------------------------------|---|--|--|--|---|
| <b>Socio-economic Indicators</b> | Children living in poverty * | Ohio Family Health Survey, 2008                                   | % Children age < 18 in households with incomes ≤ 100% or ≤ 200% of the Federal Poverty Level | Number of children age < 18 years in households with incomes ≤ 100% or ≤ 200% of the Federal Poverty Level | Total number of children in that age group                                 | Given the focus of this report, we chose to include a metric specific to children, rather than to the total population. Composite includes child living in poverty ≤100% FPL. |
|                                  | Residents living in poverty‡ | U.S. Census Bureau, Small Area Income and Poverty Estimates, 2008 | % Individuals in households with incomes ≤ 100% of the Federal Poverty Level, by county      | Number of individuals in households with incomes ≤ 100% of the Federal Poverty Level, by county            | Total number of residents in that county                                   |   |
|                                  | Unemployment ‡ *             | Bureau of Labor Statistics, January-September 2009                | % Civilian Individuals unemployed  | Number of Civilian individuals age ≥ 16 years who are unemployed   | Total number of Civilian individuals age ≥16 years working or seeking work | Rate averaged over a 9-month period   |

|   |   |  |   |  |   |   |
|---|---|--|---|--|---|---|
|   | High School Drop-out Rate ‡ *<br>*              | Annie E. Casey Foundation (obtained from the Ohio Department of Education) | % high school enrollees not graduating on time          | Number of 2003 high school enrollees who did not graduate in 2007                  | 2003 high school enrollees                  |   |
| <b>Crime and Substance Use Indicators**</b> | Crime ‡ *<br>*                                  | Ohio Department of Public Safety   | Number of Crimes per 1,000 population                   | Total number of crimes including robbery, assault, forceful rape, and other crimes | Total number of population                  |   |
|   | Crime arrests in juveniles, age 0-18 ¶ ‡<br>¶ ‡ | Ohio Criminal Justice Statistical Reports                                  | Crime arrests 0-18 years per 100,000 juveniles age 0-19 | Total number of crime arrests in juveniles ≤18 years of age                        | Total number of juveniles ≤ 18 years of age | The Federal Guidance specifies ages 0-19; however, both numerator and denominator are reported for juveniles ≤ 18 years of age<br><br>NOTE: This statistic is available only at the state level |

|  |                      |  |  |   |   |  |
|--|----------------------|--|--|---|---|--|
|  | Domestic Violence *‡ | The Supreme Court of Ohio and the Ohio Judicial System | Total number of caseloads in 2008 per 1,000 total population                 | Total number of caseloads in 2008, including pending and new cases, as well as terminated and transferred cases | Total number of population                    |  |
|  | Current Smoker *     | Ohio Family Health Survey 2008                         | % adults age 18-64 years reporting smoking cigarettes every day or some days | Number of adults age 18-64 years reporting smoking cigarettes every day or some days                            | Total number of population 18-64 years of age | Missing values recorded in 51% of respondents. |

|  |  |                                |   |   |   |   |
|--|--|--------------------------------|---|---|---|---|
|  | Binge Drinker<br>*‡                        | Ohio Family Health Survey 2008 | % adults age 18-64 years reporting drinking 4-5 alcoholic drinks on an occasion in the past 30 days | Number of adults age 18-64 years reporting drinking 4-5 alcoholic drinks on an occasion in the past 30 days | Total number of population 18-64 years of age | Data on binge drinking obtained from the OFHS to report rates at the county level, rather than in clusters of counties, as reported by the SAMHSA.<br><br>Note: Missing values recorded in 54% of respondents.  |
|  | Marijuana use‡                             | SAMHSA                         | Marijuana use in the past month among persons age >= 12 years                                       | Number of Marijuana users in the past month among persons age >= 12 years                                   | Total population age >= 12 years              | Data reported for Substate Region definitions. Estimates derived from the National Survey on Drug Use and Health, 2004-2006   |
|  | Nonmedical drug use of prescription drugs‡ | SAMHSA                         | Nonmedical drug use in the past year among persons age >= 12 years                                  | Number of nonmedical drug users in the past year among persons age >= 12 years                              | Total population age >= 12 years              | Data reported for Substate Region definitions. Estimates derived from the National Survey on Drug Use and Health, 2004-2006<br><br>This variable definition differs from the description in the Federal Guidance which specifies a metric of within the past month. |

|  |  |  |  |  |  |   |
|--|--|--|--|--|--|---|
|  | Illicit drug use excluding marijuana‡  | SAMHSA   | Illicit drug use in the past month among persons age >= 12 years       | Number of illicit drug users in the past month among persons age >= 12 years   | Total population age >= 12 years                                       | Data reported for Substate Region definitions. Estimates derived from the National Survey on Drug Use and Health, 2004-2006 |
| <b>Child Health and Well-being Indicators (Child Health)</b> | Foster Care *                          | Annie E. Casey Foundation                            | Percent of children < 18 years of age in foster care                   | Number of Children < 18 years of age, in foster care                           | Total number of children < 18 years of age                             |   |
|  | Elevated Lead *                        | Ohio Department of Health, Lead Surveillance Program | Percent of children < 6 years of age with elevated lead levels in 2009 | Number of Children < 6 years of age with elevated lead levels                  | Total number of children < 6 years of age screened [specify age range] |   |
|  | Child Maltreatment (Abuse/Neglect) ‡ * | Annie E. Casey Foundation                            | Rate per 1,000 children < 18 years of age                              | Number of children < 18 years of age experiencing (substantiated) maltreatment | Total number of children < 18 years of age                             | Includes emotional maltreatment, neglect, physical abuse, and sexual abuse.   |

|  |                      |                                      |   |  |                                     |   |
|--|----------------------|--------------------------------------|---|--|-------------------------------------|---|
|  | Child Mortality<br>* | Death Certificate Records, 2006-2008 | Children age 1-5 who have deceased per 1,000 children | All death in children 1-5 years of age | Number of children < 5 years of age | Denominator consists of children < 5 years of age, whereas numerator consists of deaths in children 1-5 years of age. Therefore the rate is underestimated. |
|--|----------------------|--------------------------------------|---|--|-------------------------------------|---|

‡ Symbol denotes that the indicator is consistent with the federal guidelines in preparing the statewide needs assessment for the Affordable Care Act Maternal, Infant, and Early Childhood Home visiting program

¶ Violent and Property crime against person, property, or society

\* Symbol denotes that the indicator was used in deriving composite measures

\*\* SAMSHA data are included in the text but not in county-level tables as data are only provided aggregated across county groups.

## EXPLANATION IF MEASURES ARE NOT THE SAME

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The Methods Table above provides notes of where measures may not be the same.

Note: In the initial determination of communities at risk, data on substance abuse were taken from the Ohio Family Health Survey rather than SAMHSA data. Substance Abuse and Mental Health Services Administration (SAMHSA) provide data on marijuana use, illicit drug use other marijuana, and non-medicinal use of prescription drugs. These data provide insights for the state and some of its regions – but do not provide county-by-county data.

The Ohio Office of Criminal Justice Services (OCJS) is the agency responsible for administration of the Family Violence Prevention and Services Act and STOP Violence Against Women. They completed a needs assessment survey for 2008, however, the data collected are not immediately applicable to the format of this application. OCJS will be a partner in future discussions so that their knowledge of the needs of the targeted at-risk communities can be included in the planning to address needs and gaps in service.

## SECTION 2: IDENTIFY THE UNIT SELECTED AS “COMMUNITY.”

The State should define which geographic units have been selected as “communities” for purposes of determining “at risk communities.” The communities should be those for which data and/or other information are most available and that best represent the make-up of the State (see the section, above, on “Terms”).

For the purposes of home visiting, ODH facilitated a statewide needs assessment. This assessment defined the geographical unit used to identify “communities” at risk as the county, which is the smallest geographical unit for which measures were available for all relevant indicators.

The population of interest is low-income women and children in high-risk groups that are disproportionately affected by poor health and social outcomes. The focus is on geographic areas and populations of highest need.

This question requests the designation of a geographic community which we have done. However, Ohio continues to have concerns about the significant disparities among certain racial, ethnic and other demographic groups. Therefore, communities were also assessed, where possible, as demographic units, defined by: a) race and ethnicity; b) maternal age (age 17 years of age or less at the time of delivery; 18-19 years of age; and 20 years of age or older); and c) insurance status. With regard to race and ethnicity, we note that mothers not identified in the groups of White Non-Hispanic, Black Non-Hispanic, and Hispanic, were grouped in the ‘Other’ category. Insurance status was defined as the following categories: Medicaid; Privately Insured; Self-Pay or Uninsured; Other Government Insurance (including Indian Health Service, CHAMPUS, and Other); and Unknown. While not requested for this application, Ohio will continue to consider these disparities in development of the Updated State Plan.

For the purpose of this application, 31 counties have been identified as having the greatest cumulative risk for poor health and social outcomes for children. We recognize that within these counties, and also in the remaining 57 counties in Ohio, there are neighborhoods and/or census tracts with individual and clustered risk indicators that rate even higher than the county or State averages. These neighborhoods may be further defined as Ohio conducts more targeted assessments in preparation for the Updated State Plan phase of this grant application.

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THE STATE SHOULD PROVIDE A JUSTIFICATION FOR EACH COMMUNITY IDENTIFIED AS BEING AT RISK AND INCLUDED IN THE NEEDS ASSESSMENT.

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### ANALYSIS:

For each indicator, percentages and rates for the relevant population (i.e., state, county, and where possible, demographic subgroups) were calculated. The numerators and denominators are specified in the Methods Table. When the denominator was too small (< 25), the cell was given a missing value to ensure privacy protection. Due to rounding, when the percentage obtained was < 0.04, it was assigned

a value of zero. Data for the U.S. as a whole and benchmarks from Healthy People 2010 are listed to provide a frame of reference whenever available.

We note that statistics for rare indicators (e.g., infant mortality) are reported with two digits after the decimal point. Statistics for all other indicators are reported with one digit after the decimal point.

We adopted the following approach to identify high risk communities:

**First**, counties were ranked for each indicator. We ranked the counties 1 through 88 (lowest risk to highest risk) for each indicator, and also identified them in quartiles based on the ranking. Counties identified in the 1<sup>st</sup> quartile were at lowest relative risk for a given indicator, whereas counties falling in the 4<sup>th</sup> quartile were the ones with the highest concentration of individuals for that indicator (i.e., highest risk).

**Second**, counties were ranked at the domain level, by deriving a summary (composite) measure using the county's ranking on the individual indicators that comprise each of the 6 domains. Specifically, we ranked the counties for each of the relevant indicators, as described above, and derived the mean rank for each county by summing the ranking across each domain and dividing the sum by the number of indicators in the domain. This approach is consistent with that used by the Commonwealth Fund to generate a scorecard on variations in child health system performance in the U.S. ([www.commonwealthfund.org](http://www.commonwealthfund.org)). The mean ranking was then re-ranked and grouped into quartiles. Counties identified in the 1<sup>st</sup> quartile were at the lowest relative risk for that domain, whereas counties falling in the 4<sup>th</sup> quartile for each of the six summary (composite) measures were the ones with the highest concentration of high risk individuals for that particular domain. We then identified counties which fell into the highest quartiles for a number of summary (composite) indicator domains, suggesting greater overall risk.

For ethnic and racial minority groups that have small populations in many counties (often precluding reliable assessment of rates), we adopted a supplementary approach, by reporting the distribution of high risk cases by county.

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## FINDINGS

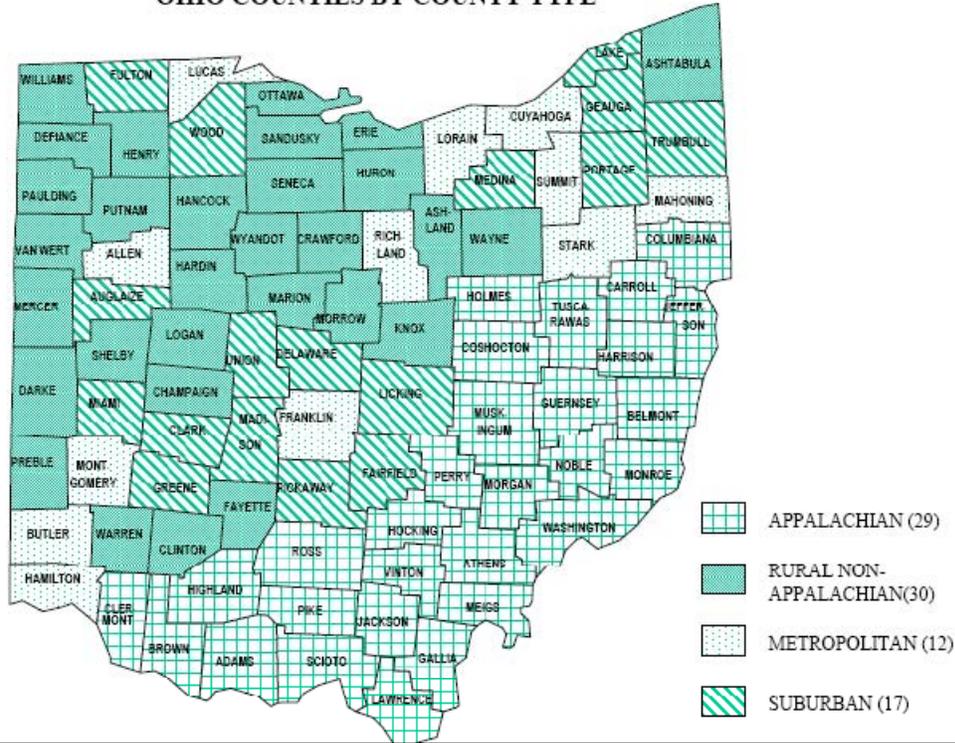
### THE SETTING: OHIO AND ITS COUNTIES

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Figure 1 shows a map of Ohio and its 88 counties. It also depicts the counties which have been designated urban, suburban, rural Appalachian, or rural non Appalachian.

Table 1 (all numbered Tables in Appendix C) shows basic demographic characteristics of Ohio and its counties – including population, fertility rate, age distribution (under 18 years, 18-64 years, and 65 years and over), race/ethnicity distribution, and median household income.

## OHIO COUNTIES BY COUNTY TYPE



**Figure 1: Ohio and its Counties by County Type (OFHS, 1998 and 2008)**

Ohio is the 7th most populous state in the U.S (U.S. Census Bureau, 2009, <http://factfinder.census.gov>). It is heterogeneous in that it includes several regions with large urban populations, as well as many rural Appalachian counties, other rural counties, as well as suburban areas. The 88 counties vary markedly in population from 22,433 (Wyandot County) to 1,295,683 (Cuyahoga County). While the age distribution of the state and its counties is similar to the U.S. as a whole (with approximately 20-25% of the population being under 18 years of age), the racial and ethnic distribution is somewhat different. The proportion of Black Non Hispanic (henceforth referred to as Black) residents is similar to the U.S. as a whole (11.6% vs. 12.1%) but the proportion of Hispanic residents is smaller (2.5% vs. 15.1%), as is the proportion of other races (3.3% vs. 7.0%). Correspondingly, the proportion of White Non Hispanics (henceforth referred to as Whites) is larger than that of the U.S. as a whole (82.6% vs. 65.9%). Urban regions surrounding Ohio’s large cities have a much larger proportion of Black and Hispanic residents than other areas. The median household income is lower in Ohio (\$48,023) than the U.S. as a whole (\$52,175).

The findings are presented first for only indicators specified in the federal guidance, and then according to the six domains described in the Methods section.

### INDICATORS RECOMMENDED IN FEDERAL GUIDANCE (TABLE 2).

Table 2 shows the indicators requested in the Federal Guidance at the state and county levels. These include: preterm birth, low birth weight, infant mortality, crime, high school dropout, domestic violence

and binge drinking. For each, the state data is shown as well as the data for each county and each county's ranking (1-88).

As shown in Table 2, 12.8% of all births in Ohio are preterm (counties range from 8.1%-18.9%) and 8.7% are low birth weight (counties range from 4.9%-12.4%). Infant mortality is approximately 8 per 1,000 live births (counties range from 2.65%-10.59%). With regard to socioeconomic indicators, the poverty rate is 13.3% (counties range from 4.9%-29.6%); unemployment rate is 10.4% (counties range from 6.8%-16.1%). Fourteen percent dropped out of high school (counties range from 3%-23%). The crime rate at the state level is 37.6 per 1,000 residents (counties range from 0.1-64.4); child maltreatment rate is 9.0 per 1,000 children less than 18 years of age (counties range from 2.9-26.6), and that of domestic violence is 2.12 per 1,000 residents (counties range from 0.0-32.2). Lastly, the rate of binge drinking is 20.8% (counties range from 4.9%-31.9%). Additional indicators from the federal guidance, including substance abuse and juvenile crime rates, are not available at the county level but are available in subsequent text.

## INDICATORS GROUPED BY DOMAINS

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### DOMAIN 1: PRENATAL CARE AND BIRTH OUTCOMES (BIRTH INDICATORS)

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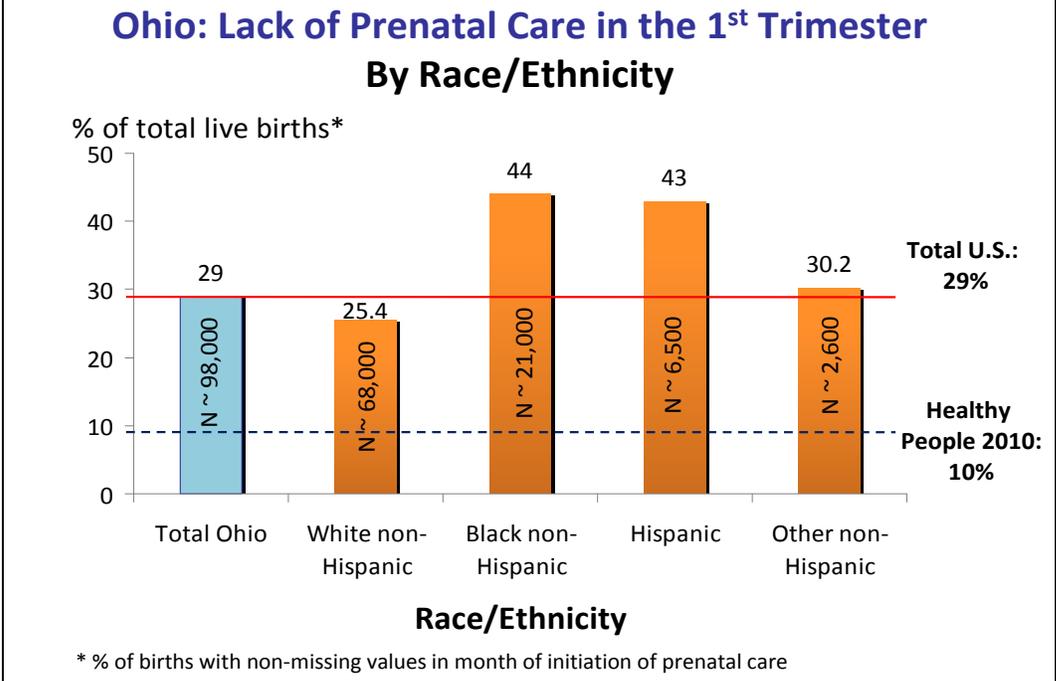
For each indicator variable in this domain, we present data for Ohio as a whole and data stratified by county, race-ethnicity, maternal age, and maternal insurance status.

Table 3 shows the percentage of women lacking prenatal care, the rate of low birth weight, and the rate of preterm births for Ohio as a whole, stratified by maternal race/ethnicity, maternal age, and maternal health insurance. Tables 4-9 show county level statistics for the aforementioned indicators, stratified in a similar manner.

Data from Table 3 indicate that in the years 2006-2008, 76.6% of live births were to White women, 16.1% to Black women, 4.5% to Hispanic women, and 2.9% to women of other racial-ethnic groups. More than 1 in 10 (10.9%) live births were to women under 20 years, more than 1 in 3 (35.7%) of live births were to women on Medicaid and about 1 in 20 (4.9%) were to women who were uninsured.

Pregnant women lacking prenatal care. Lack of prenatal care in the first trimester is traditionally considered to increase the risk of poor birth outcomes. We assessed the proportion of pregnant women lacking prenatal care in the first trimester or in both first and second trimesters. Data are expressed as a percent of live births for Ohio (Table 3) and for each of its counties (Tables 4 and 5) and stratified according to race/ethnicity, maternal age, and insurance status. A limitation of the information on prenatal care is that over 24% of birth certificates lacked these data.

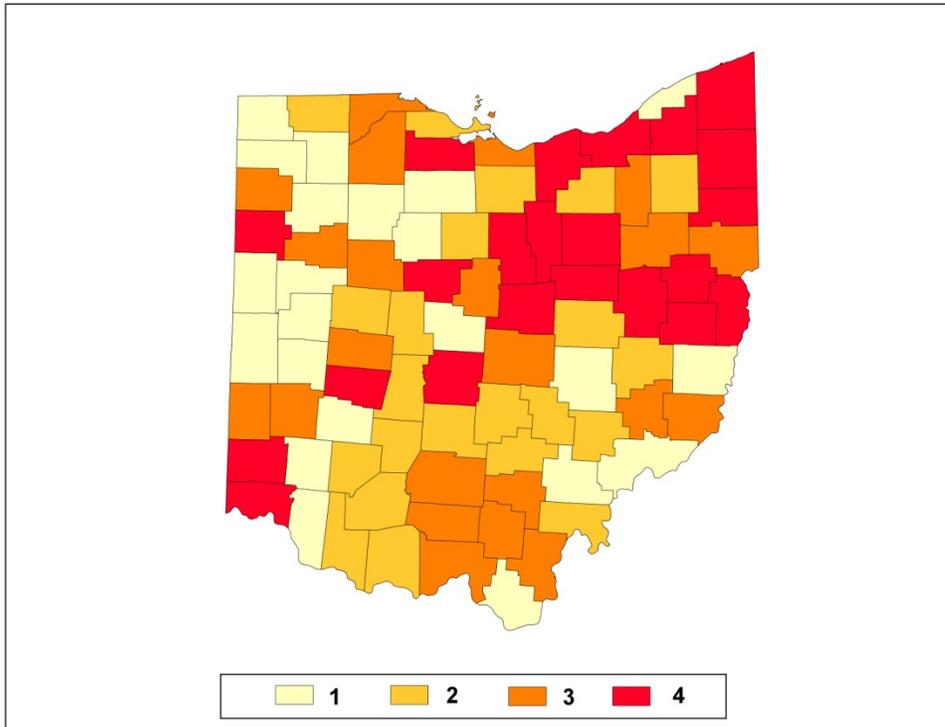
Figure 2



Ohio (Table 3): In Ohio, 29% of mothers report having received no prenatal care in the first trimester, similar to that for the U.S. (Figure 2,). The Ohio rate far exceeds the Healthy People 2010 objective of 10%. In addition, 7% of pregnant women in Ohio lacked prenatal care in both the first and second trimesters.

Ohio counties (Tables 4 and 5, Figure 3): There was considerable variation in the initiation of prenatal care across Ohio counties. In 24 counties, 30% of women or more did not receive prenatal care in the first trimester, and none of the Ohio counties met the 2010 Healthy People 2010 goal. These data do not include pregnancies resulting in fetal death. While the counties with the highest rates may reflect distinctive population subgroups (e.g., Amish in Holmes county), the higher rates of no first trimester care are generally not explained by such factors.

Table 5 shows data on lack of prenatal care in both the first and second trimester (7% of women in Ohio).



**Figure 3: Proportion of Mothers with No Prenatal Care in the First Trimester**

*The 88 Ohio counties are divided into quartiles (1-4), 1 representing counties with the lowest proportion of women lacking prenatal care and 4 representing the counties with the highest proportion of women lacking prenatal care.*

**Race and Ethnicity** Nearly one in four live births in Ohio (23.4%) are to women of racial and ethnic minority groups. Lack of prenatal care varied by race and ethnicity (Table 3). In Ohio as a whole, almost half of Blacks (44.0%) and Hispanics (43%) lacked prenatal care in the first trimester, compared with 25.4% of Whites. Similar patterns were found when individual counties were examined. In Blacks, the proportion of women lacking prenatal care in the first trimester care exceeded that of Whites in 89% of counties in which such assessments were feasible. In Hispanics, this proportion exceed that of Whites in 100% of counties (Table 4).

Table 10 shows the distribution, by county, of Black and Hispanic women lacking first trimester care by county. Ninety percent (90%) of all 21,423 Black women in Ohio in 2006-2008 resided in 10 of Ohio’s counties, and almost three quarters (74.2%) of Hispanic women resided in 10 counties. Furthermore, 8 of the 10 counties were the same for Black and Hispanic women (Cuyahoga, Franklin, Hamilton, Montgomery, Lucas, Mahoning, Lorain, Butler). The counties with the highest proportion of Blacks and Hispanics lacking prenatal care, as expected, correspond generally with counties having substantial minority populations.

Although fewer women lacked prenatal care in both the first and second trimesters (7%), the proportions of Black and Hispanic women (13.4% and 12.4%, respectively) were more than double the rate in Whites (5.5%). Comparable patterns were found at a county level (Table 5).

*Maternal Age* Women who are under 20 years at delivery are at increased risk for poor neonatal outcomes, including low birth weight and preterm birth (Fraser et al, 1995). In Ohio, 10.9% of births were to women under 20 years of age (2006-2008; Table 3). A much higher proportion of pregnant women under 20 years of age lacked prenatal care in the first trimester compared with those over 20 years of age (50.3%, 42.0%, 27.2%, respectively, in mothers  $\leq$  17 years of age, 18-19 years of age, and those  $\geq$ 20 years of age; Table 3). Similarly, in these same respective age groups, 13.2%, 9.5%, and 6.6% lacked prenatal care in both the first and second trimesters (Table 3).

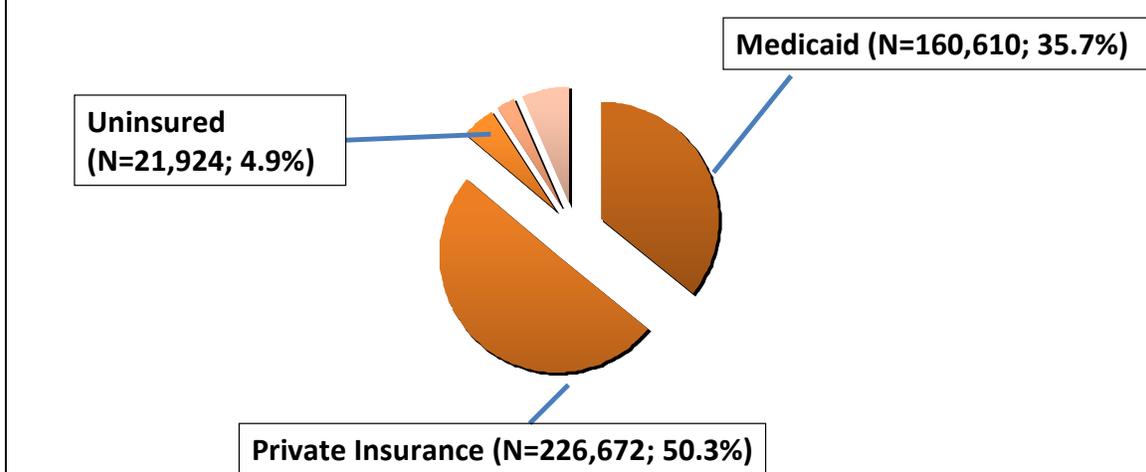
In most counties for which we report data on prenatal care, a higher proportion of pregnant women < 20 years of age lacked prenatal care in the first trimester than did women  $\geq$  20 years of age (Table 4). However, the proportions varied considerably across counties. For example, the proportion of women  $\leq$  17 years of age who lacked prenatal care in the first trimester was 23.3% in Athens County and 59.4% of those in Hamilton County lacked care.

Similarly, in almost every county, the percentage of women < 20 years of age lacking first and second trimester care exceeded that of women  $\geq$  20 years (Table 5).

*Insurance status* More than one third (35.7%) of women giving birth in Ohio have Medicaid as their insurer and 4.9% are currently uninsured (Table 3). Women on Medicaid were 2.25-fold more likely than women with private insurance (40.4% vs. 17.9%) to lack prenatal care. Although relatively small in number, among uninsured women (4.8% of live births), almost two thirds (63.1%) lacked first trimester care (Table 3). Figure 4 shows the distribution of live births by Medicaid, private insurance, and uninsured categories. The relative disparities in lack of prenatal care by insurance status were evident in all 88 counties, with higher proportions of mothers on Medicaid than with private insurance lacking prenatal care in the first trimester relative to women with private insurance. Additionally, this proportion was higher in uninsured than in privately insured women, consistently in all 88 counties.

Figure 4

## Ohio: Distribution of Total Births by Insurance Type (2006-2008)

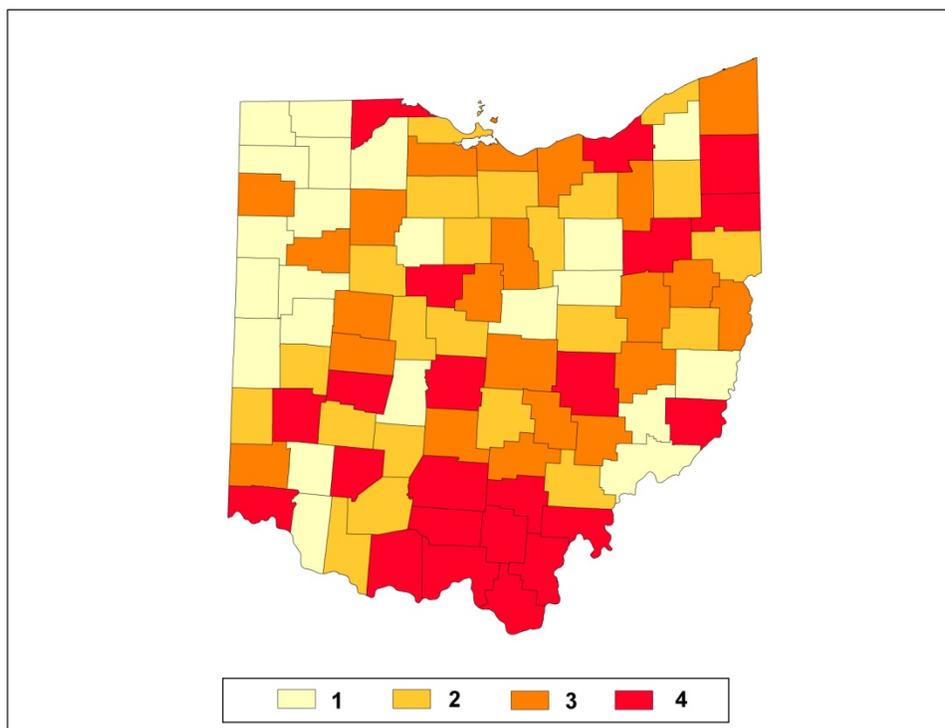


### Low birth weight (LBW)

A newborn's weight at birth is closely related to its risk of early death and long-term morbidity. Data on birth weight in Ohio were obtained from birth certificate records, years 2006-2008. Data are shown for Ohio (Table 3) and for each of its counties (Tables 6 and 7) as a whole and stratified according to race/ethnicity, maternal age, and insurance status. These analyses involved less than 1% missing data.

*Ohio* (Table 3) Compared to the U.S. rate of low birth weight (8.2%; National Vital Statistics Report, 2009), the rate of low birth weight in Ohio for 2006-2008 is 8.7%. Both the U.S and Ohio rates exceed the Healthy People 2010 benchmark of 5%. The rate of very low birth rate in Ohio (1.6%) compares closely with 1.5% for the U.S (National Vital Statistics Report, 2009).

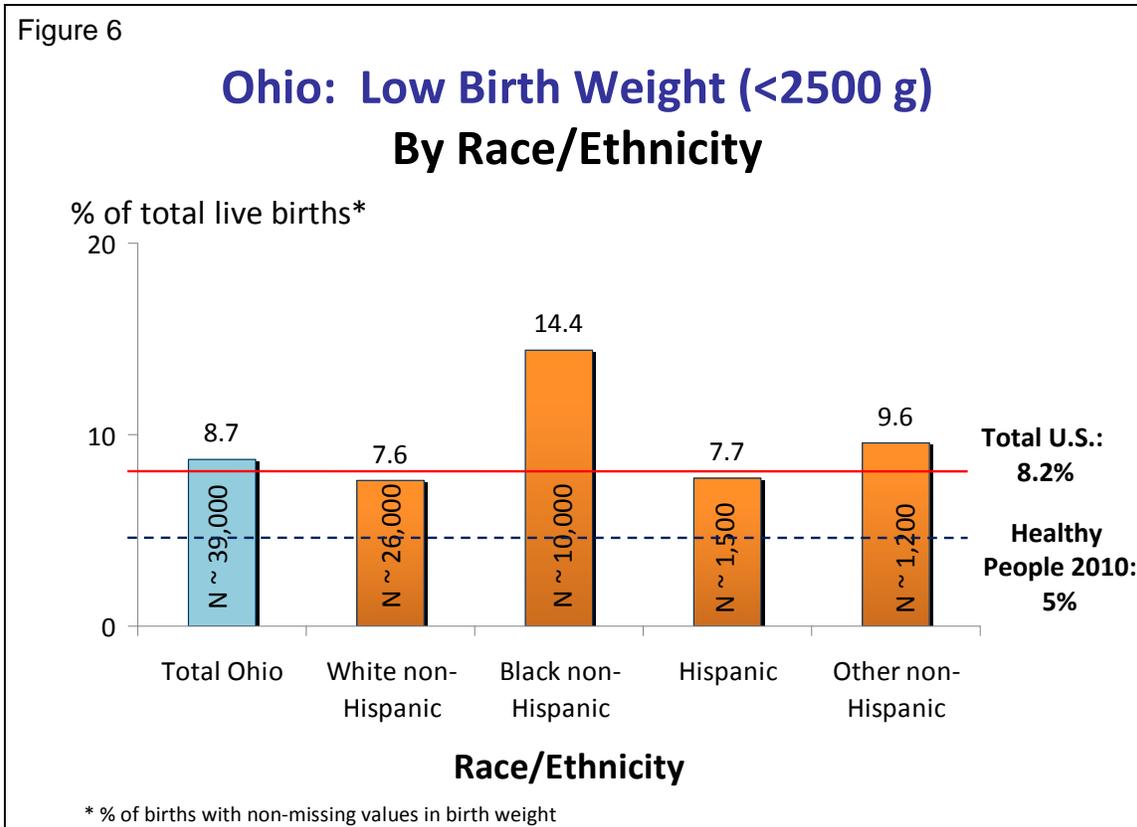
*Ohio counties* (Tables 6 and 7): We observed considerable variation in the proportion of low birth weight (LBW) across counties, ranging from 4.9% (Putnam County) to 12.4% (Lawrence County). The proportion of very low birth weight infants (VLBW) ranged from 0.5% to 2.4% of live births. These quartiles of LBW are shown in Tables 6 and 7 and illustrated in Figure 5.



**Figure 5: Proportion of Mothers Delivering a LBW Infant**

*The 88 Ohio counties are divided into quartiles (1-4), 1 representing counties with the lowest proportion of women delivering a LBW infant and 4 representing the counties with the highest proportion of women delivering a LBW infant.*

*Race and Ethnicity* As shown in Table 3, rates of LBW and VLBW in Black women were almost double those of White women (14.4% vs. 7.6% for LBW; 3.3% vs. 1.6% for VLBW). Despite poor prenatal care and a high proportion of mothers  $\leq 20$  years, the proportion of babies born to Hispanic women were similar to that of Whites, (7.7% vs. 7.6% for LBW and 1.4% vs. 1.3% for VLBW). The relative disparities in the proportions of LBW are shown in Figure 6.



Tables 6 and 7, respectively, show the proportion of (A) LBW and (B) VLBW by county and by maternal demographic attributes. Of the 51 counties with sufficient numbers to calculate LBW statistics for Whites and Blacks, the proportion of LBW in Blacks exceeded that of Whites in 96% of the counties (Table 6). A similar pattern was found for VLBW (Table 7). In contrast, there was no consistent pattern of LBW rates in Hispanics compared to whites in the individual counties (Tables 6 and 7).

Table 10 shows the distribution of Black and Hispanic women delivering LBW weight infants by county. Of the 10,377 Black women delivering LBW babies, approximately two thirds (65%) resided in 10 of Ohio's counties, and three quarters (74.7%) of Hispanic women with LBW babies resided in 10 counties. Furthermore, 8 of the 10 counties were the same for Black and Hispanic women (Cuyahoga, Franklin, Hamilton, Montgomery, Lucas, Mahoning, Lorain, Butler); these counties are the same ones representing most Black and Hispanic women lacking prenatal care (see above), and they correspond with counties having substantial minority populations.

*Maternal age* In Ohio, mothers  $\leq 17$  years of age had a higher proportion of LBW infants (11.2%) compared to those 18-19 years old (10.6%), and mothers  $\geq 20$  years of age (8.5%) (Table 3). Similarly, the proportion rate of VLBW infants in these respective age groups was 2.4%, 2.0%, and 1.6%.

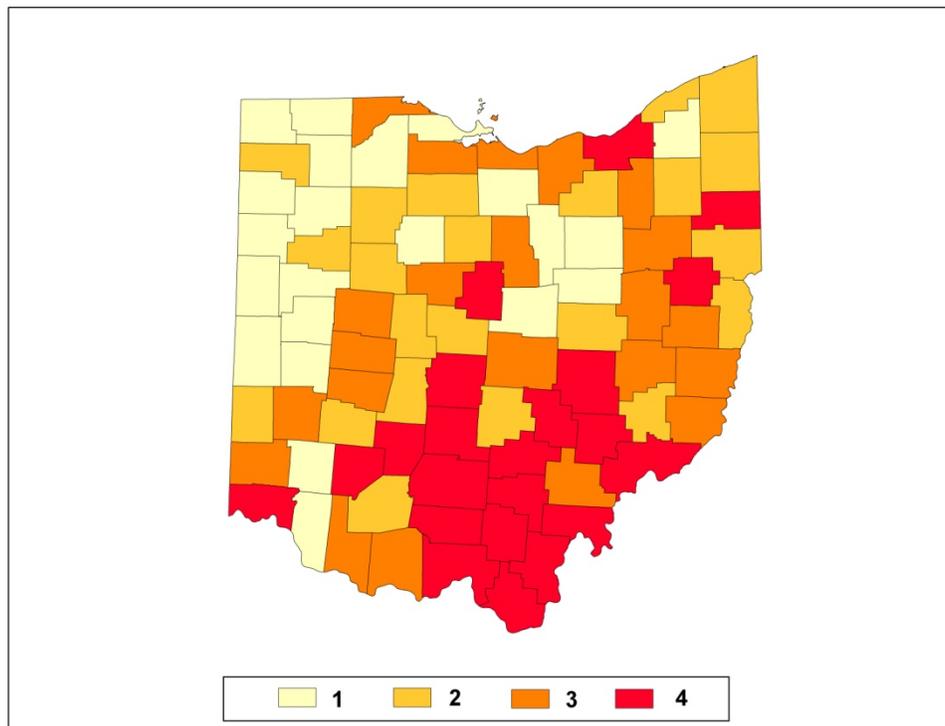
*Insurance status* In Ohio, the proportion of LBW was higher for women on Medicaid (10.6%) than for women with private insurance (7.1%) or those uninsured (8.3%) (Tables 3 and 6). The pattern of higher

proportions of LBW in women on Medicaid compared to private insurance applied to almost all counties. For women covered by Medicaid, the proportion of LBW ranged from 5.0% (Belmont County and Holmes County) to 14.8% (Lawrence County).

### Preterm Births

Preterm birth is a major cause of morbidity and mortality (Hack 2005; Saigal and Doyle, 2008; Moster et al, 2008; Behrman et al, 2007). Although often linked with LBW, preterm delivery is generally assessed a separate indicator (National Vital Statistics Report, 2009). Data on preterm births are presented in Table 3 and in Tables 8 and 9. These analyses involved less than 1% missing data.

*Ohio* In Ohio, 12.8% of live births were preterm, similar to the U.S. rate of 12.7% (2006; National Vital Statistics Report, 2009). This translates into more than 57,000 preterm births in Ohio in the years 2006-2008. In the U.S. and in Ohio, the proportion of preterm births was 2.1% and 2.2%, respectively (National Vital Statistics Report, 2009)(Table 3).

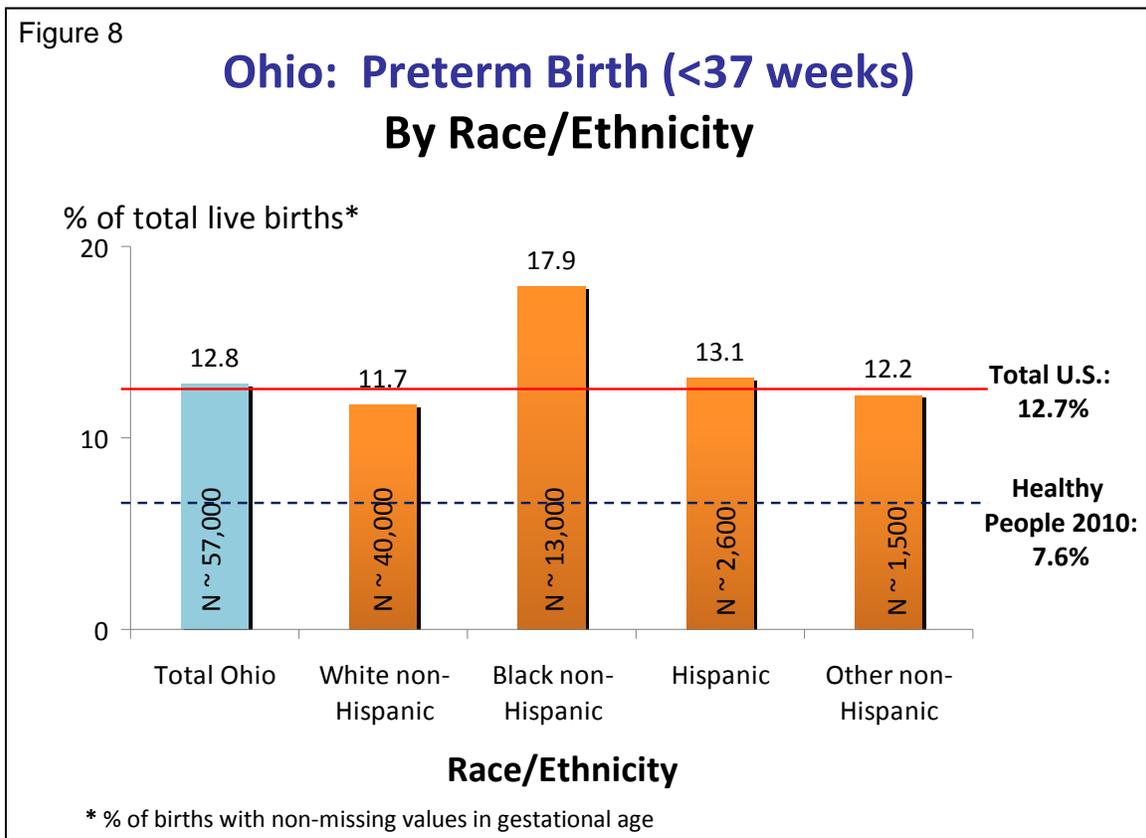


**Figure 7: Proportion of Mothers with a Preterm Birth**

*The 88 Ohio counties are divided into quartiles (1-4), 1 representing counties with the lowest proportion of women delivering a pre-term infant and 4 representing the counties with the highest proportion of women delivering a pre-term infant.*

*Ohio counties* Similar to LBW, the proportion of preterm births varied widely across Ohio – ranging from 8.1% (Paulding County) to 18.9% (Lawrence County) as shown in Table 8. The quartiles of preterm births are shown in Table 8 and illustrated in Figure 7 (map). For extreme preterm birth, the rates ranged from 1.0% (Williams County) to 3.0% (Cuyahoga) and 3.3% (Scioto County).

*Race and Ethnicity* In Ohio, the proportion of preterm births was 1.5-fold higher for Blacks than Whites (17.9% and 11.7%, respectively), with the proportion of Hispanic women at 13.1%. Racial and ethnic disparities in preterm delivery rates are illustrated in Figure 8. Similar racial/ethnic patterns were found regarding the proportion of very preterm births (4.0%, 2.1%, and 1.8%, respectively)(Table 9).



Tables 8 and 9 show the proportions of preterm and very preterm in women of different racial and ethnic groups, by county. Of the 51 counties with sufficient numbers of births to Black women, 48 (94.1%) had higher proportions of preterm births for Black than for White women.

Just as for lack of prenatal care and LBW, the vast majority (90.5%) of all Black women in Ohio giving birth to a preterm infant (n=12,925) resided in 10 of Ohio’s counties, and about three quarters (76.7%) of Hispanic women with preterm babies resided in 10 counties (Table 10). Furthermore, 9 of the 10 counties were the same for Black and Hispanic women ((Cuyahoga, Franklin, Hamilton, Montgomery, Lucas, Mahoning, Lorain, Butler, and Summit); 8 of these counties (all but Summit) are the same ones representing most Black and Hispanic women lacking prenatal care and having LBW babies.

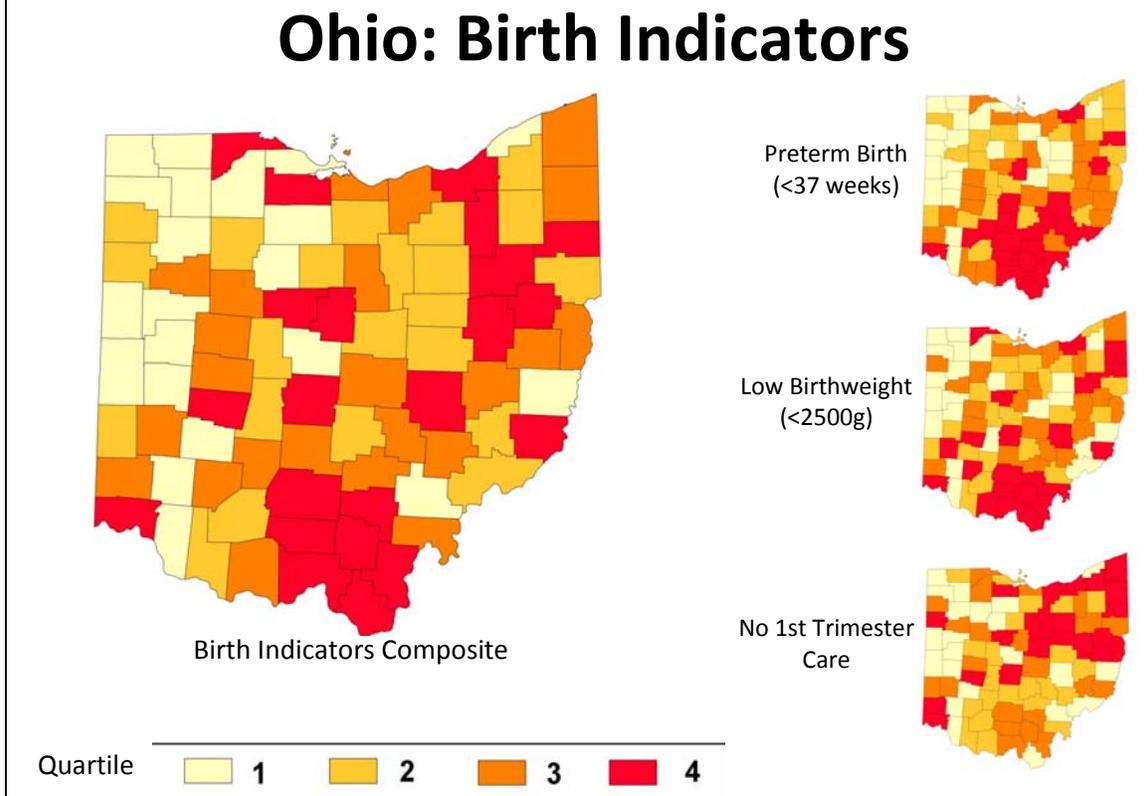
*Maternal age* In Ohio between 2006-2008, the proportion of preterm birth was higher in women  $\leq 17$  years at the time of delivery than in those 18-19 years which was, in turn, higher than that for women  $\geq 20$  years (16.2%, 13.8%, and 12.6% respectively; Table 3). Very preterm followed similar patterns (3.5%, 2.7%, and 2.1%, respectively).

*Insurance status* The proportion of preterm birth in the Medicaid population was 14.5%, substantially higher than the 11.3% for women with private insurance, and higher than that for uninsured women (12.6%) (Table 3). The pattern of higher rates of preterm birth to women on Medicaid was found in most but not all Ohio counties (Table 8); we hypothesize that this variation may reflect the racial/ethnic as well as the socioeconomic profile of the counties.

#### Composite for Birth Indicators: Prenatal Care and Birth Outcomes

As described in Methods, the mean of every county's ranking (1-88, from lowest to highest risk) for each of the three birth indicator variables (lack of prenatal care in the first trimester, low birth weight, and preterm birth; previously shown in Tables 4, 6, and 8) was calculated to develop a summary (composite) score, termed the county's mean rank for birth indicators (Table 17). These summary mean ranks for birth indicators were then re-ranked and grouped into quartiles, as described in Methods, with quartile 4 representing the counties most at risk for birth indicators and those in quartile 1 representing those counties least at risk. These statistics are shown in Table 17. Figure 9 shows the composite mean rank quartiles for each Ohio county, as well as each county's quartile ranking for the individual indicators making up the composite. These maps show a clustering of poor birth outcomes in mostly metropolitan and Appalachian counties.

Figure 9



**Figure 9 Ohio Birth Indicators.**

*This figure shows the summary (composite) of all three indicators within the Birth Indicator domain (left), each county's summary (composite) score ranked by quartile (1-4) for the state, 1 representing counties with the lowest composite risk for this domain and 4 representing counties with the highest relative risk for the Birth Indicator domain. The individual data on which the summary (composite) data are based are shown on the right.*

#### DOMAIN 2: MATERNAL BEHAVIORAL RISK FACTORS

Several maternal behavioral risk factors are associated with increased risk of preterm birth, low birth weight and/or other poor perinatal outcomes. These behavioral risk factors include being a single mother, maternal education < 12 years, maternal smoking and/or or substance use during pregnancy and, for multiparous women, birth spacing under 18 months (Behrman, 2007; Shah 2010; Smith 2009; Suzuki 2008; Zhu 1999). These four individual risk indicators are addressed individually in this report and are included in the composite score for this domain, maternal behavioral risk indicators.

Given the health benefits associated with breastfeeding, including the prevention of childhood obesity, we included an additional variable to indicate whether the infant was being breastfed at discharge as documented in the birth certificate record. Data on breastfeeding are presented in this report but are

not included in summary composites as they represent short-term behavior (at discharge from the hospital) rather than sustained action. Data on all these risk factors originate from the birth certificate record.

#### Maternal educational attainment less than 12 years

Missing data was uncommon (<1%). We note, however, that the analysis was limited to mothers  $\geq 20$  years of age.

*Ohio* More than 1 in 10 infants (12.9%) in Ohio is born to a woman with less than 12 years of schooling, considerably lower than the 18.0%-23.1% in the U.S. (proportions varying by source of data) (Tables 11 and 12).

*Ohio counties* Data on maternal education for Ohio counties is shown in Table 12. The proportion of women delivering babies varied widely across counties – ranging from 2.9% in Delaware County to 71.2% in Holmes County (the latter with a large Amish population).

*Race and Ethnicity* The proportion of Black and Hispanic mothers with less than a high school education was 2 to 4 times greater than that of Whites (20.4%, 40.4%, and 10.2%, respectively) (Table 12). Although there is some variation across counties, the relatively low educational level of Black and Hispanic women was observed in most counties.

*Maternal age* The proportion of mothers with less than 12 years of education was calculated only for women above 20 years of age, and was 12.55% in this group.

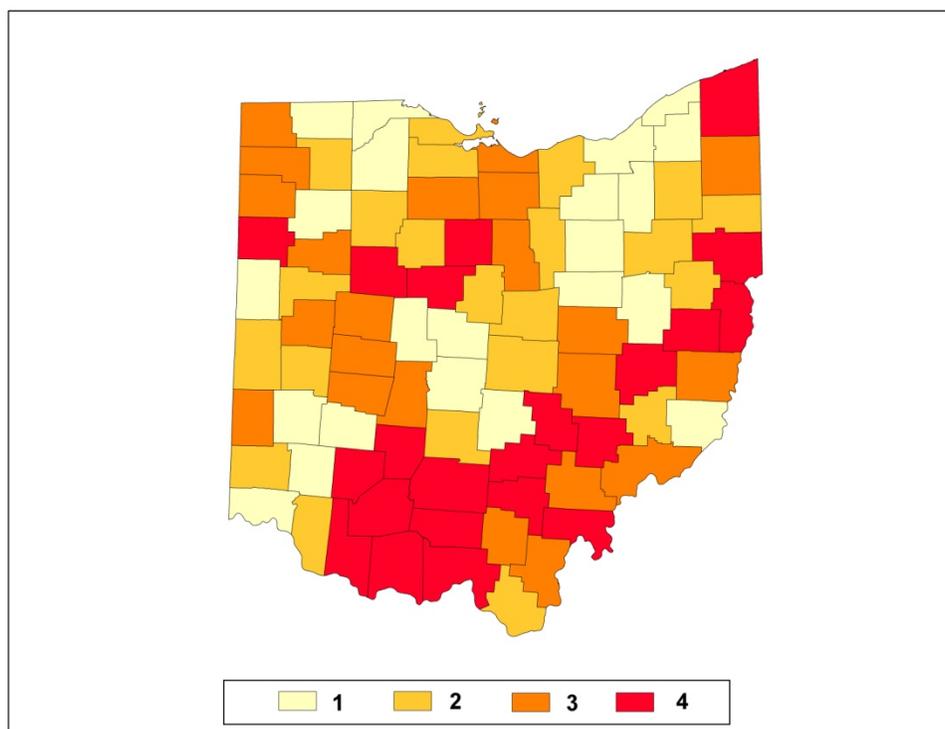
*Insurance status* The proportion of mothers with less than 12 years of education varied by insurance status. This proportion was 23.8% in mothers on Medicaid, 53.4% among the uninsured, and only 2.7% in mothers with private insurance.

#### Maternal smoking during pregnancy

Data on maternal smoking during at least one trimester of pregnancy were obtained from birth certificate records. Missing data was uncommon (<2%). Data are reported in Tables 11 and 13 for the state as a whole and for counties, respectively.

*Ohio* Nearly 1 in 5 women (19.3%) in Ohio reported smoking during pregnancy (Table 11). This compares with 10.4% for the U.S. and 1% as the benchmark set by Healthy People 2010. (US Dept HHS, 2000)

*Ohio counties* As shown in Table 11, the rate of maternal smoking ranged from 7.4% (Holmes County) to 35.5% (Adams County). Counties were ranked and quartiles ascertained as previously described. These data are shown in Table 13 and Figure 10.



**Figure 10: Proportion of Mothers Smoking Tobacco during Pregnancy**

*The 88 Ohio counties are divided into quartiles (1-4), 1 representing counties with the lowest proportion of women lacking prenatal care and 4 representing the counties with the highest proportion of women lacking prenatal care.*

*Race and Ethnicity* In contrast to several other risk factors, tobacco use is more common in White mothers in Ohio (21.3%) than Black (14.7%) or Hispanic (9.6%) mothers.

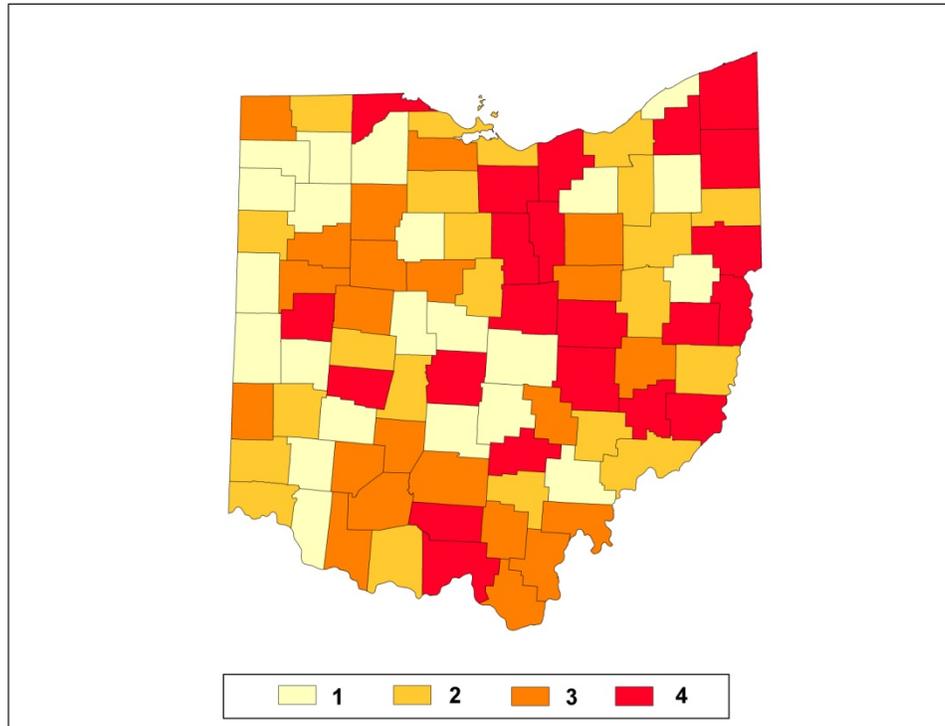
*Insurance status* Maternal smoking during pregnancy was more common in mothers on Medicaid (34.6%) than women with private insurance (9.4%) and those who are uninsured (13.0%) (Table 11). This finding was consistent across Ohio counties (Table 13).

Spacing of births <18 months (multiparous women only)

Data on spacing of births were obtained from birth certificate records. Missing or excluded data (i.e., primiparous women) constituted 49% of the total). Data are reported in Table 11 for Ohio as a whole and for each county in Table 14.

*Ohio* Almost one in 7 (13.4%) of multiparous women in Ohio had babies spaced less than 18 months apart.

*Ohio Counties* The proportion of live births to multiparous women spaced less than 18 months after a previous live birth ranged from 9.2% in Delaware County to 19.3% in Ashland County. These results are shown in Table 14 and illustrated in Figure 11.



**Figure 11: Proportion of Mothers with Babies Spaced Less than 18 Months Apart**

*The 88 Ohio counties are divided into quartiles (1-4), 1 representing counties with the lowest proportion of women lacking prenatal care and 4 representing the counties with the highest proportion of women lacking prenatal care.*

*Race Ethnicity* Overall, a greater proportion of Black (17.1%) and Hispanic (15.1%) multiparous women had babies spaced less than 18 months apart compared with White women (12.6%; Table 11). This pattern applied to most (but not all) counties (Table 14).

*Maternal age* For more stable estimates, data were provided only for those  $\geq 20$  years of age (Tables 11 and 14).

*Insurance status* The proportion of women with birth spacing  $< 18$  months was 18.2% for women on Medicaid compared with 16.9% among the uninsured and 9.4% in women with private insurance (Table 11 and 14).

### Mothers breastfeeding at discharge from the hospital

Data on breastfeeding at discharge were obtained birth certificate records. Data were missing in 7.4% of the records. Data on women not breastfeeding are reported in Table 11 for Ohio as a whole and for each county in Table 15.

*Ohio* More than one third of Ohio women (37.2%) were not breastfeeding their infant at the time of discharge. This compares with the 25% benchmark set by Healthy People 2010. Please note, however, that this benchmark refers to breastfeeding in the early postpartum period rather than only at discharge (US Dept HHS, 2000).

*Ohio counties* There was considerable variation across counties in the proportion of women not breastfeeding, ranging from 15.5% in Homes County to 63.2% in Lawrence County (Table 15).

*Race and Ethnicity* The proportion of women not breastfeeding was lowest in Hispanic women (30.6%), followed by Whites (35.4%). This proportion was highest in Black women at 50.2% (Table 11).

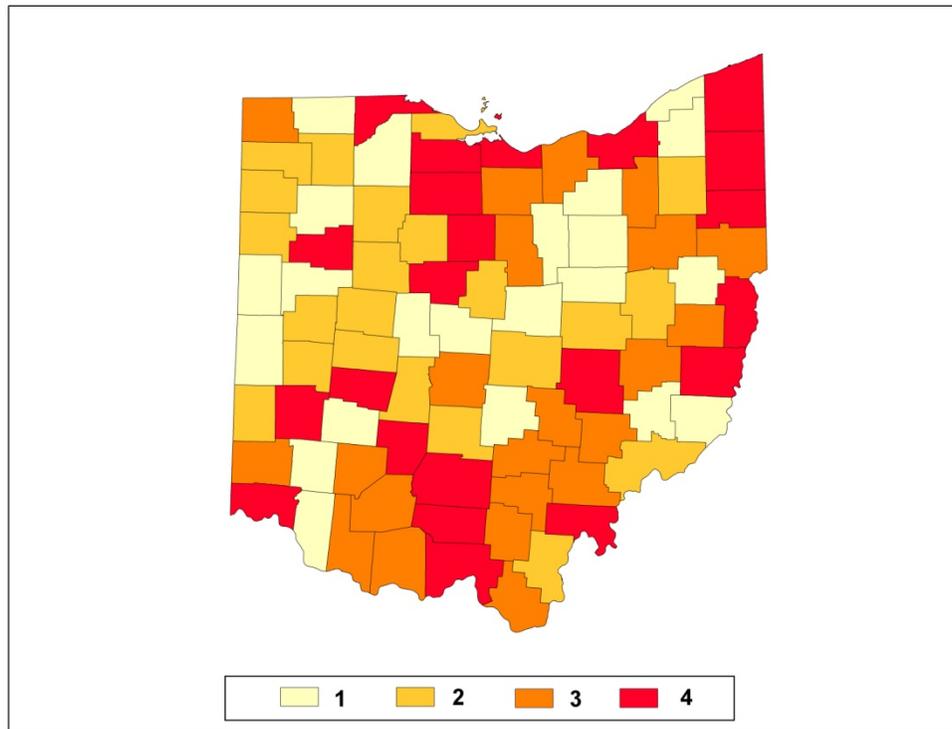
*Maternal age* The proportion of women not breastfeeding were lowest in women  $\geq 20$  years of age. This proportion was 53% in women 18-19 years of age and 60% in younger mothers  $\leq 17$  years of age (Table 15). This pattern was consistent across all counties.

*Insurance status:* The highest proportion of mothers not breastfeeding their infant was observed in those on Medicaid. This proportion was 26.1% in mothers with private insurance and 25.8% among the uninsured (Table 11). This pattern was generally consistent across all Ohio counties (Table 15).

### Single mothers

*Ohio* Over 40% of infants are born to single mothers.

*Ohio counties* Data on the proportion of infants born to single mothers in the years 2006-2008 are shown in Table 16. We observed in great variations across counties, with proportions ranging from 9.6% in Holmes County to 53.0% in Clark County. The counties were also divided into quartiles, and these data are shown in Figure 12.



**Figure 12: Proportion of Infants Born to Single Mothers**

*The 88 Ohio counties are divided into quartiles (1-4), 1 representing counties with the lowest proportion of women lacking prenatal care and 4 representing the counties with the highest proportion of women lacking prenatal care.*

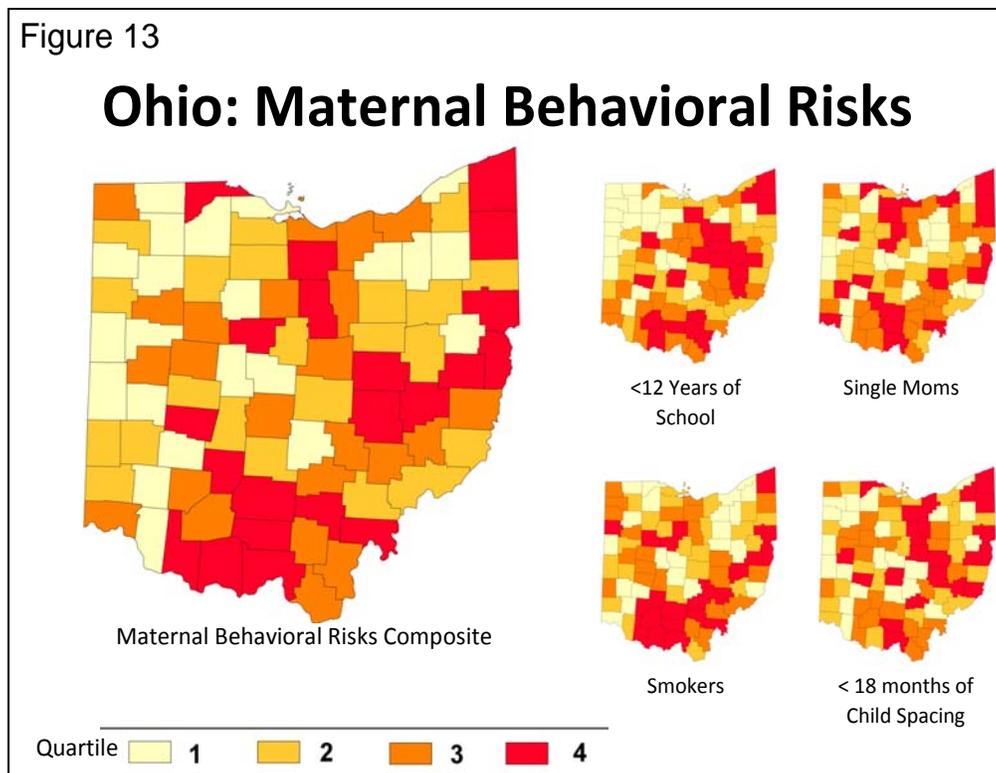
*Race and Ethnicity* The proportion of infants born to single mothers was highest among Blacks (78.0%) compared with 58.4% among Hispanics and 33.0% among Whites (Table 11). This pattern persisted in all counties for Blacks and most counties for Hispanics (Table 16).

*Maternal age* Single mothers are disproportionately represented in younger women than older women. Among younger mothers of newborns, almost all are single (97.2% of mothers  $\leq 17$  years and 89.1% of mothers under 20 years), in contrast to 35.8% of mothers  $\geq 20$  years of age. This pattern existed in all counties (Table 16).

*Insurance status* The proportion of infants born to single mothers was 76.0% in mothers on Medicaid. This compares with 38.8% among the uninsured and 17.9% among those with private insurance (Table 11). The relatively high rates of single mothers of infants for women on Medicaid applied to all Ohio counties (Table 16).

Composite Indicators

Composite indicators for maternal behavioral risk factors are shown in Table 18 and in Figure 13.



**Figure 13 Ohio Maternal Behavioral Risks.**

*This figure shows the summary (composite) of all four indicators within the Maternal Behavioral Risks domain (left), each county's summary (composite) score ranked by quartile (1-4) for the state, 1 representing counties with the lowest composite risk for this domain and 4 representing counties with the highest relative risk for the Maternal Behavioral Risks domain. The individual data on which the summary (composite) data are based are shown on the right.*

### Maternal medical risk factors

Maternal medical risk factors, which for the purpose of this report include one or more of the following conditions: gestational diabetes, gestational hypertension, and previous preterm births. These conditions may be associated with poor neonatal outcomes. We provide data from birth certificates on the prevalence of these conditions. However, as detection of maternal illness often depends on receipt of prenatal care and since a substantial proportion of women lacked prenatal care, data on maternal illness may well be underreported and thus the prevalence may be underestimated. Therefore we do not include these data in composite scores. Data are shown for Ohio as a whole and for individual counties in Table 17. No missing data were reported for maternal medical risk factors.

*Ohio* Almost one in four mothers (24.2%) were reported to have had at least one medical condition during pregnancy.

*Ohio counties* The rate of maternal medical conditions during pregnancy ranged from 13.9% (Clark County) to 35.8% (Clinton County).

*Race and Ethnicity* Approximately one quarter of White, Black, and Hispanic women (23.8%, 26.1%, and 24.6%) reported having one or more medical conditions.

*Maternal age* As might be expected the oldest group of women ( $\geq 20$  years of age) reported the highest rates of medical conditions (25.8%), compared with 18-19 year olds (12.2%) and those  $\leq 17$  years of age (7.9%).

*Insurance status* The rate of self reported medical conditions was comparable across the insurance categories (24.1%, 25.3%, and 22.3%, respectively among Medicaid, private insurance, and those uninsured).

### DOMAIN 3 PERINATAL MORTALITY: FETAL DEATHS, NEONATAL DEATHS, AND POSTNEONATAL DEATHS

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*Fetal mortality* There were 2,734 fetal deaths in Ohio in the years 2006-2008, for an overall fetal death rate of 6.04 per 1,000 live births and fetal deaths; this compares with the Healthy People 2010 of benchmark is 4.10 (Table 19). The fetal death rates across counties ranged from 1.32 (Preble County) to 11.64 (Fayette County) per 1,000 (Figure 14). In Ohio, the fetal death rate was twice as high for Blacks than for Whites (10.7/1,000 and 5.07, respectively) (Table 19).

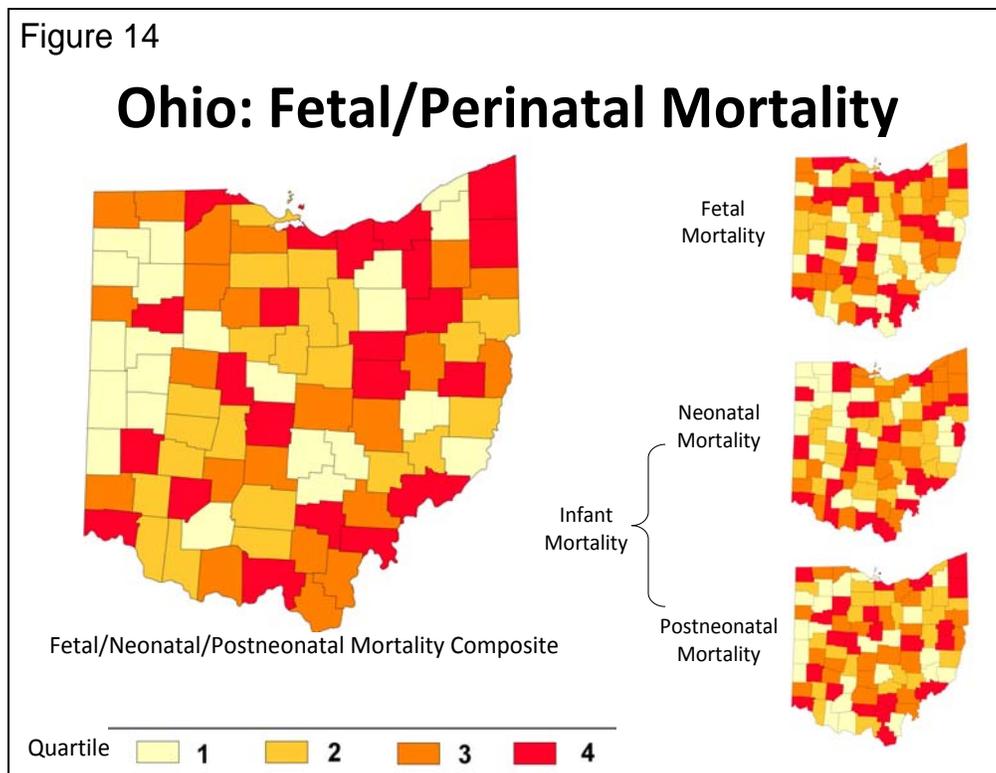
*Neonatal mortality* The Ohio neonatal mortality rate was 5.15/1,000 live births, compared with the Healthy People 2010 benchmark of 2.90 per 1,000 live births (Table 20). This rate was more than twice as high for Blacks than for Whites (10.87 and 4.04/1,000) (Table 19 and Figure 14). This rate ranged from 1.32 /1,000 (Putnam County) to 7.53/1,000 (Hamilton County).

*Postneonatal mortality* The Ohio postneonatal mortality rate was 2.57/1,000 live births compared with the Healthy People 2010 benchmark of 1.20 (Table 21 and Figure 14). Blacks experienced a rate more than twice as high as Whites (5.03 and 2.10/1,000 respectively). This rate ranged from 0.00/1,000 (Fayette County, Monroe County, and Noble County ) to 7.34/1,000 (Harrison County).

*Infant mortality rate* The infant mortality rate for Ohio was 7.72/1,000 live births. This compares with the U.S rate of 6.75/1,000 and the Healthy People 2010 benchmark of 4.50/1,000 live births (Tables 19 and 21 and Figure 14). Similar to neonatal and postneonatal mortality, the rate for Blacks was more than double that of Whites (15.89 vs. 6.14). This is expected given that neonatal and postneonatal mortality constitute infant mortality.. This rate ranged from 2.65/1,000 (Putnam County) to 10.59/1,000 (Franklin County).

#### Composite Indicators: Perinatal Mortality mean rank and quartiles

The composite measures are presented in Figure 14 and, consistent with other indicators, we observe higher rates of neonatal and postneonatal mortality in metropolitan and Appalachian counties although other rural counties experienced high perinatal mortality as well (Table 22). We note the low rates of fetal mortality in Appalachian counties.



**Figure 14: Perinatal Mortality**

*This figure shows the summary (composite) of all three indicators within the Perinatal Mortality domain (left), each county's summary (composite) score ranked by quartile (1-4) for the state, 1 representing counties with the lowest composite risk for this domain and 4 representing counties with the highest relative risk for the Perinatal Mortality domain. The individual data on which the summary (composite) data are based are shown on the right.*

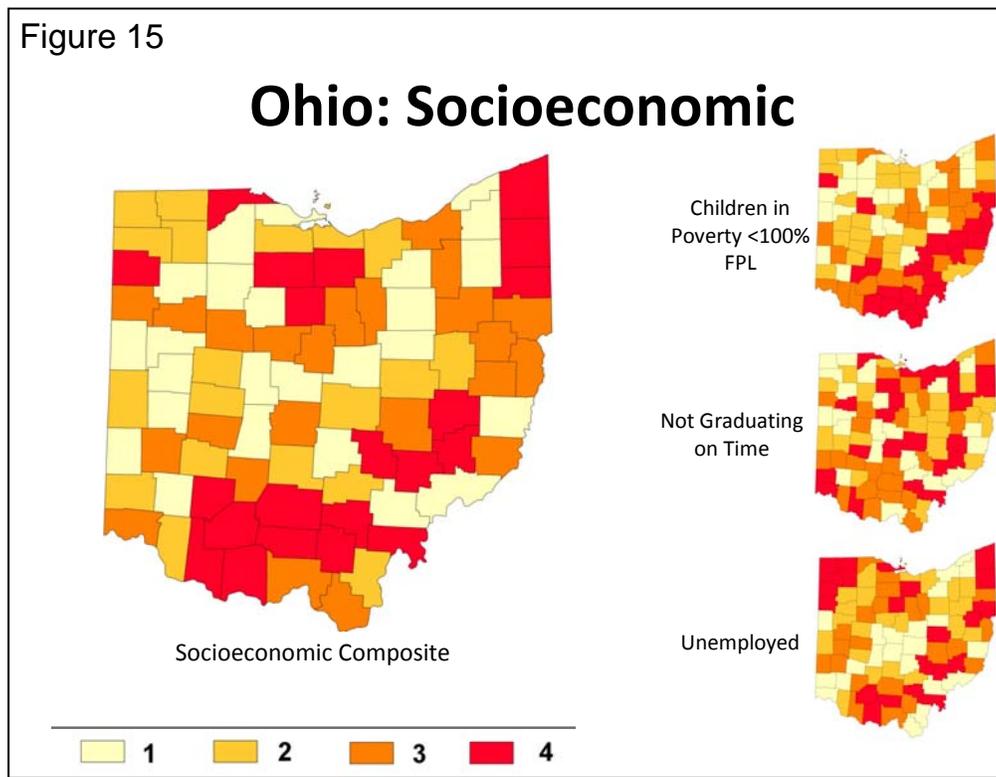
#### DOMAIN 4 SOCIOECONOMIC INDICATORS: CHILDREN LIVING IN POVERTY, UNEMPLOYMENT RATE, HIGH SCHOOL DROP-OUT RATES

Child poverty: Nearly 1 in 4 children (23.7%) in Ohio lives in poverty (i.e. household income  $\leq$  100% of the Federal Poverty Level [FPL]), and nearly 1 in 2 (45.4%) lives in poverty or near poverty (household income  $\leq$  200% FPL). In 21 counties, more than 1 in 3 children lives in poverty. Counties were ranked according to child poverty rate, and ranged from Preble County (4.2%) to Muskingum County (49%) (Table 23). Similarly, the county ranks were divided into quartiles (illustrated in Figure 15).

Unemployment The unemployment rate in Ohio for the nine month period extending from January to September 2009 was 10.4%. We observed wide variations across counties from 6.8% (Delaware County) to 16.1% (Williams County). The quartile rankings are presented in Table 23 and Figure 15.

High school dropout The high school dropout rate for 2007 was 14.0%. Similar to other indicators, the rate varied widely across counties ranging from 3.0% (Auglaize, Geauga, Hocking, Medina, Mercer,

Putnam, Shelby, Union, Williams, Wood, and Wyandot Counties) to 23.0% (Franklin County). The quartile rankings are presented in Table 23 and Figure 15.



**Figure 15: Socioeconomic Indicators**

*This figure shows the summary (composite) of all three indicators within the Socioeconomic domain (left), each county’s summary (composite) score ranked by quartile (1-4) for the state, 1 representing counties with the lowest composite risk for this domain and 4 representing counties with the highest relative risk for the Socioeconomic domain. The individual data on which the summary (composite) data are based are shown on the right.*

Summary (Composite) Indicators: Socioeconomic Indicators mean rank and quartiles

The composite measures are presented in Table 25 and Figure 15. We note a high concentration of children living in households with family incomes  $\leq 100\%$  FPL in Appalachian counties and higher unemployment rates in counties in south central Ohio. Surprisingly, however, the high school dropout rate was low in many of the Appalachian counties.

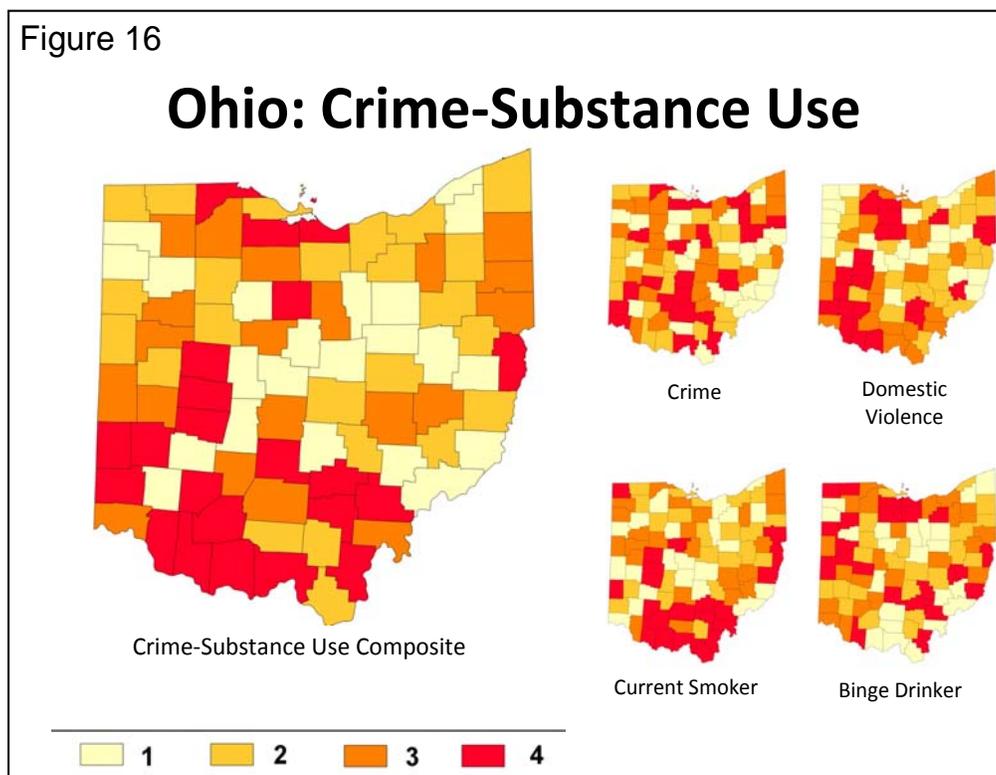
**DOMAIN 5: CRIME AND SUBSTANCE USE (CRIME RATE, DOMESTIC VIOLENCE RATE, TOBACCO USE, BINGE ALCOHOL)**

Crime rate The crime rate in Ohio was 37.6/1,000 population (Table 24).. Among counties, the crime rate ranged from 0.1/1000 residents (Noble County) to 64.4/1000 in Lucas County. County ranks are shown in Table 24, and county quartiles are shown in Table 24 and Figure 16.

Domestic violence The domestic violence rate in 2008 was 2.12/1,000, but the rates varied widely by county from 0.42/1,000 in Fulton County to 32.16/1,000 in Vinton County. Each county’s rate of domestic violence, state ranking, and quartile are shown in Table 24 and illustrated in Figure 16.

Tobacco use The overall rate of tobacco use in Ohio was 27.7% in 2008, with some variation across counties from a low of 13.5% (Van Wert County) to a high of 44.5% (Adams County). County ranks are shown in Table 24, and county quartiles are shown in Table 24 and Figure 16.

Binge alcohol use Nearly one in five Ohioans reported binge drinking in 2008. We observed some variation across counties with a low of 4.9% (Holmes County) and a high of 31.5% (Seneca County). County ranks are shown in Table 24, and county quartiles are shown in Table 24 and Figure 16.



**Figure 16: Crime and Substance Use Indicators**

*This figure shows the summary (composite) of all four indicators within the Crime and Substance Use domain (left), each county’s summary (composite) score ranked by quartile (1-4) for the state, 1 representing counties with the lowest composite risk for this domain and 4 representing counties with the highest relative risk for the Crime and Substance Use domain. The individual data on which the summary (composite) data are based are shown on the right.*

Other substance use. Substance Abuse and Mental Health Services Administration (SAMHSA) provide data on marijuana use, illicit drug use other marijuana, and non-medicinal use of prescription drugs. These data provide insights for the state and some of its regions – but do not provide county-by-county data. Accordingly, we show SAMHSA data here (Figures 17, 18, and 19) but do not include these data in summary (composite) data on counties (we have to add the figures).

The proportion of individuals 12 years of age or older using marijuana in the past month was 6.13% and use of illicit drugs other than marijuana was 3.35%. For use of marijuana, the highest proportions were documented among residents of Hamilton County, in particular, as well as in other metropolitan counties, and the lowest rates were documented in counties along the northwest border of the state (Boards 20, 32, 54, and 69). For illicit drug use other than marijuana, the highest proportion was again documented in Hamilton County, counties in northeast Ohio (Boards 28, 43, and 67, and Boards 4 and 78) and in central Ohio (Boards 23 and 45), and in counties along the eastern border of Ohio (Boards 7, 15, 41, 79, and 84). For nonmedical use of pain relievers in the past year, the proportion of users was 5.08% for the state of Ohio. Highest use was documented in Butler County (Board 9), counties in south central Ohio including Franklin County and Boards 27, 71, and 73, as well as in counties in northeast Ohio (Boards 28, 43, and 67 as well as Boards 50 and 76). We note that Hamilton County was identified in the highest tiers for both marijuana use and illicit drug use other than marijuana and that counties in Boards 28, 43, and 67 were identified in the highest tiers for both illicit drug use other than marijuana and nonmedical use of pain relievers.

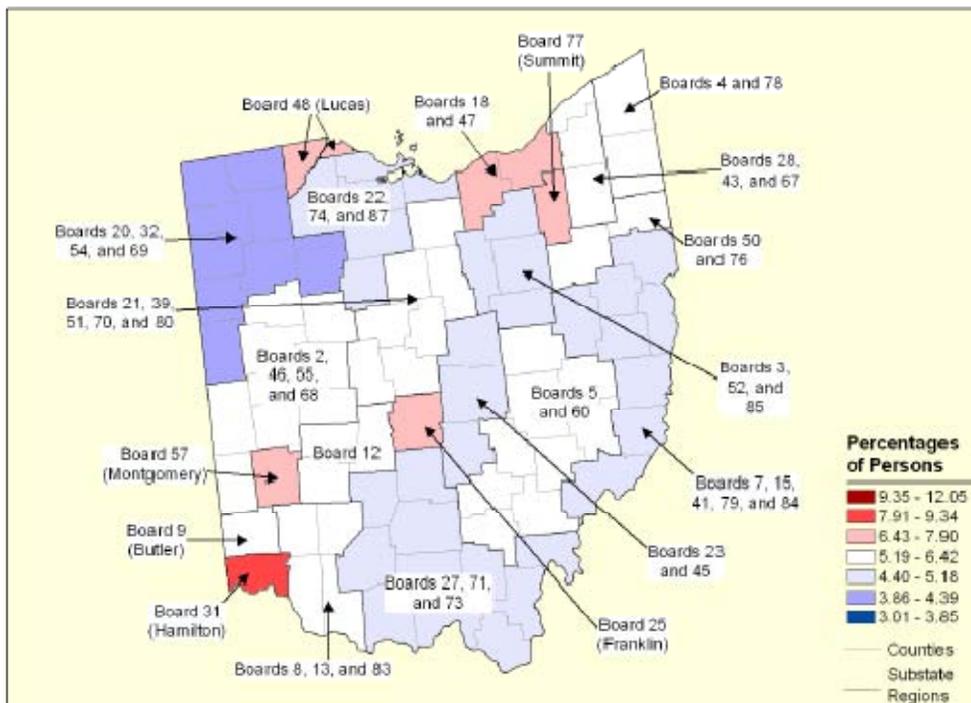
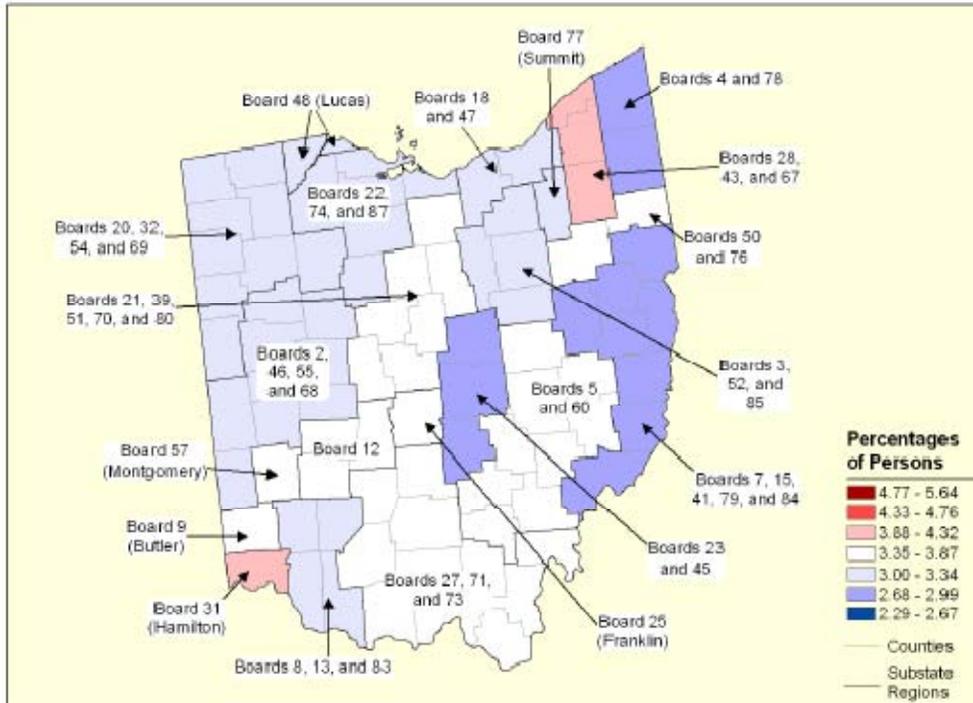
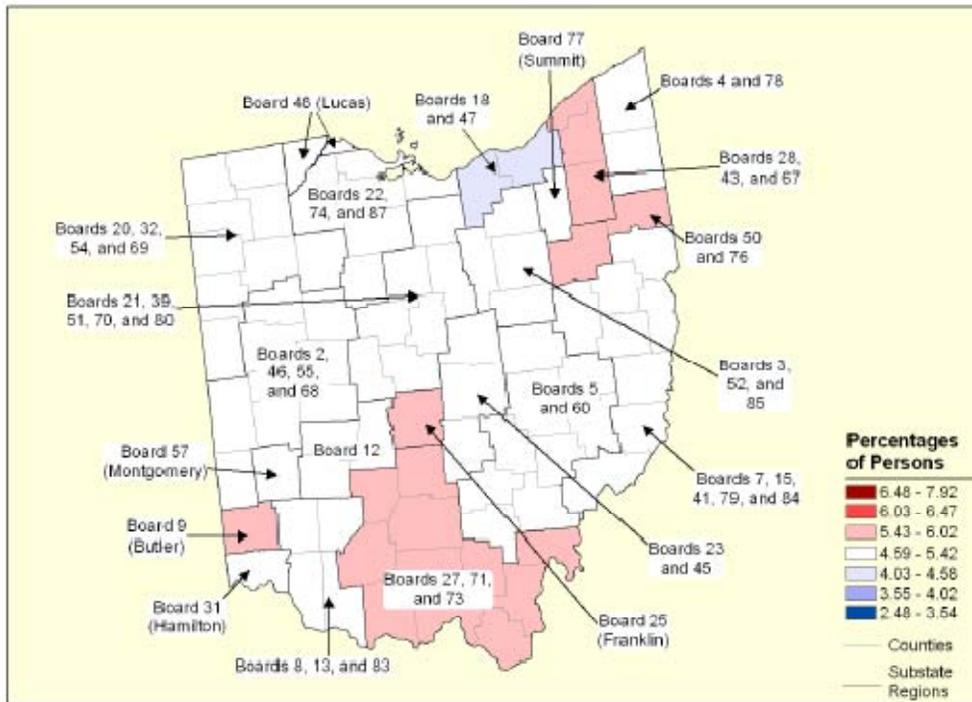


Figure 17: Marijuana Use in the Past Month for Persons Age 12 and Older (SAMHSA)



**Figure 18: Illicit Drug Use other than Marijuana in the Past Month for Persons Age 12 and Older (SAMHSA)**



**Figure 19: Nonmedical Use of Pain Relievers in the Year for Persons Age 12 and Older (SAMHSA)**

### Composite Indicators: Crime and Substance Use mean rank and quartiles

The composite measures are presented in Table 25 and Figure 16. We observe a high concentration of crime, domestic violence, and smoking in Ohio's south and south west counties. Binge drinking is noted in the western half of the state (Figure 16 and Table 25). Understandably, the composite map is very similar to the individual maps for crime, domestic violence, and smoking in its geographic trends.

### DOMAIN 6: CHILD HEALTH AND WELL-BEING (CHILD HEALTH) (FOSTER CARE, ELEVATED LEAD LEVELS, CHILD ABUSE/NEGLECT, AND CHILD MORTALITY)

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*Foster care* Almost 1 in 10 Ohio children is in foster care (Table 26). Rates of foster care by county range from 1.0% (Van Wert County) to 17.1% (Athens County). County quartiles are shown in Table 26 and in Figure 20.

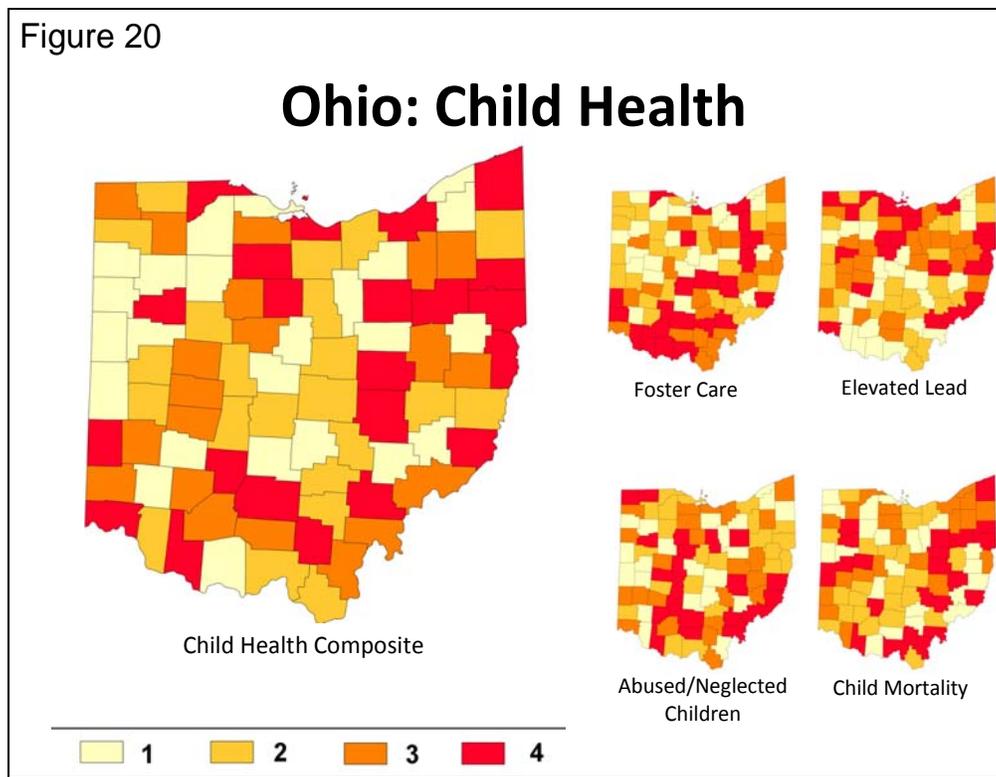
*Elevated lead levels* Elevated lead levels were found in 1.5% of children tested in Ohio. Rates of elevated lead levels range from 0.0% (Adams, Brown, Meigs, and Morrow Counties) to 4.65% in Cuyahoga County (Table 26). County quartiles are shown in Table 26 and in Figure 20.

*Child abuse/neglect* Rates of child abuse and neglect are 9.0/1,000 for Ohio as a whole, and range from 2.9/1,000 (Darke County) to 26.6/1,000 (Monroe County). County quartiles are shown in Table 26 and in Figure 20.

*Child mortality* The child mortality rate in Ohio is 0.79/1,000, and ranges from 0.0 (6 counties) to 2.72/1,000 in Monroe County.

### Summary (Composite) Indicators: Child health mean rank and quartiles

The composite measures are presented in Table 27 and Figure 20. As described in Methods, the mean of every county's ranking (1-88, from lowest to highest risk) for each of the four major child health/well-being indicators (foster care, elevated lead levels, child abuse/neglect, child mortality) was calculated to develop a summary (composite) score, termed the county's mean rank for child health indicators (Table 27). These summary mean ranks were divided into quartiles, as described in Methods, with quartile 4 representing the counties most at risk and those in quartile 1 representing those counties at lowest relative risk. The counties in the southern part of the state were at particularly high risk for foster care whereas those in the northeast area were at particularly high risk for elevated lead levels. Although risk is wide spread, in general rural Appalachian and metropolitan area showed high risks in the composite.



**Figure 20: Child Health Indicators**

*This figure shows the summary (composite) of all four indicators within the Child Health domain (left), each county's summary (composite) score ranked by quartile (1-4) for the state, 1 representing counties with the lowest composite risk for this domain and 4 representing counties with the highest relative risk for the Child Health domain. The individual data on which the summary (composite) data are based are shown on the right.*

### Counties at risk: Summaries of risk indicators across all six domains

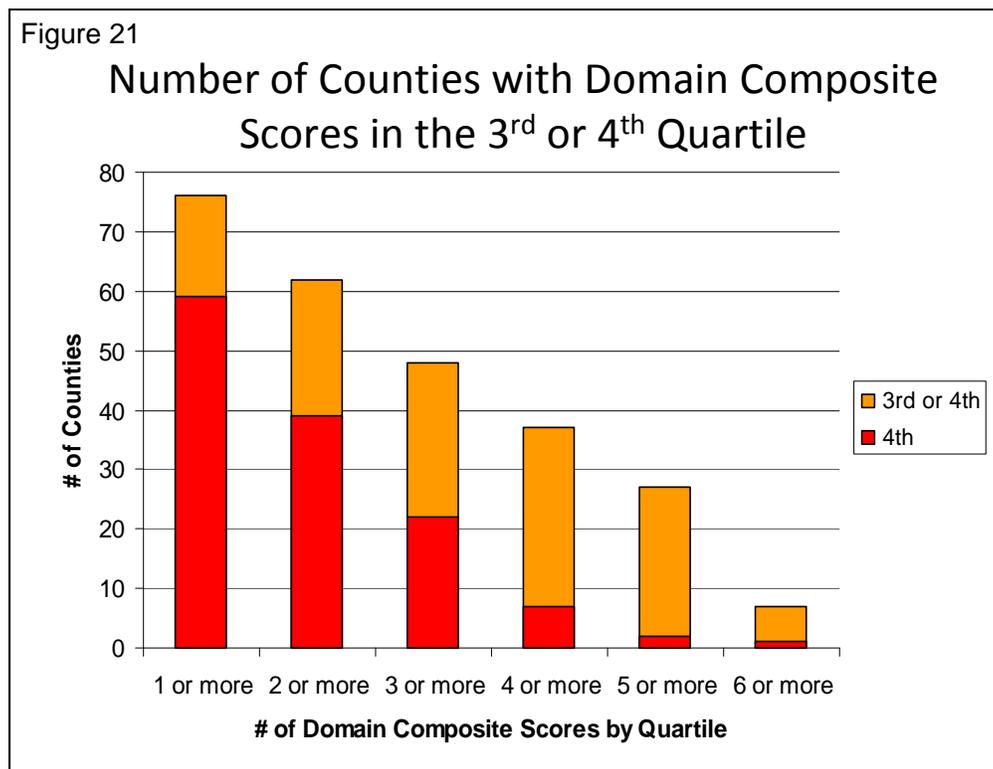
The assessment of which counties are “at risk” clearly depends on how risk is defined. The definition of “at risk” in the federal guidance (Methods) involves high rates of risk factors *compared* to the rest of the state. Accordingly, the analyses described under Findings not only define the rate (or frequency) of each indicator for each Ohio county but also address each county's relative risk for each indicator by assessing county rank (1-88) and quartile. In this way, counties at high relative risk for individual indicators (e.g. low birth weight) can be identified.

As evidenced in the Findings, some counties are at high relative risk for one indicator while other counties are at risk for many indicators. Concepts of at risk communities generally involve consideration of multiple risk indicators. Yet, the guidance does not address aggregation of risk factors and their relative weight in assessing at risk communities. The detailed data provided on individual risk indicators enables transparent aggregation in many ways. Two specific approaches to aggregation were used in these analyses:

- Summary (composite) indicators for each of the six domains: birth outcomes, maternal behavioral risk indicators, perinatal mortality, socioeconomic indicators, crime and substance use, and child health (each domain including several individual indicators)
- Analyses of several domains together. Counties may be at high risk for one domain and not others. However, counties at high relative risk for multiple domains are likely at greater relative risk than those at risk for only one domain. Accordingly, we assessed the number of domains for which each Ohio county was at high relative risk (i.e. the number of domains for which each county was in the 3<sup>rd</sup> or 4<sup>th</sup> quartile). The results are shown in Figure 21 and Table 28.

Seventy-six (76) of 88 Ohio counties were at moderate or high relative risk (i.e. third or fourth quartile) for at least one summary (composite) domain. Only 12 counties were not in the third or fourth quartile for any summary (composite) domain. Using an alternative approach of including only counties in the highest (fourth) quartile as at risk, 59 counties were at risk for at least one risk factor.

Sixty-one (61) counties were at moderate or high risk (third or fourth quartile, respectively) for 2 or more of the 6 indicator domains. Forty-eight (48) counties were at risk for 3 or more indicator domains. Thirty-seven (37) counties were at risk for 4 or more indicator domains. Twenty-seven (27) counties were at risk for 5 of 6 domains. Seven (7) counties were at risk for all 6 domains.



*The 31 counties with composite scores in the 3<sup>rd</sup>-4<sup>th</sup> quartile for 5 or more domains or in the 4<sup>th</sup> quartile for 3 or more domains are shown in Table 28 and the following Counties at High Risk for Multiple Domains Table. These are considered to represent counties at relatively high risk. They include concentrations in rural Appalachian and metropolitan counties.*

| Counties at High Risk for Multiple Domains Table: Ohio Counties with summary (composite) scores in the 3 <sup>rd</sup> or 4 <sup>th</sup> quartile for 5 or more domains OR in the 4 <sup>th</sup> quartile for 3 or more domains |          |            |          |
|---|----------|------------|----------|
| Adams   | Cuyahoga | Jefferson  | Pike     |
| Allen   | Erie     | Logan      | Ross     |
| Ashtabula   | Fayette  | Lucas      | Scioto   |
| Clark   | Franklin | Mahoning   | Stark    |
| Clinton   | Gallia   | Marion     | Summit   |
| Columbiana  | Hamilton | Meigs      | Trumbull |
| Coshocton   | Harrison | Montgomery | Vinton   |
| Crawford  | Jackson  | Muskingum  |          |

## SECTION 3: COMPLETE A DATA REPORT FOR EACH AT RISK COMMUNITY IN THE STATE.

### COMMUNITY DATA REPORTS

See Appendix A.

### DATA SOURCES:

The indicators originated from various sources, as detailed below, and in the Methods Table (see page 7). When derived from birth certificate records, data were provided to the authors, in aggregate, by the staff at the Ohio Department of Health. Given that the authors had no access to individual-level data, this study does not constitute human subjects research. Therefore, no approval was sought from the Institutional Review Board.

To provide comprehensive, evidence-based assessments, several data sources were used. The sources are listed below, and both definitions and metrics for analyses are described in the Methods Table:

- The Ohio Department of Health Vital Records and Lead Surveillance Program
  - Birth indicators
  - Maternal behavioral risk factors
  - Mortality data
  - Elevated lead levels
- Bureau of Labor Statistics
  - Unemployment rates
- Ohio Family Health Survey (OFHS; 2008), the largest state sponsored health survey in the USA collected by phone interview, involving 51,000 families in Ohio and is “designed to obtain statewide, regional and some county level data on health status, health care access and utilization, satisfaction, insurance status, as well as general family structure, demographics and geography.” (<http://grc.osu.edu/ofhs/>)
  - Child poverty rate
  - Tobacco use
  - Alcohol use
- Annie E. Casey Foundation (<http://www.aecf.org/>)
  - High school drop-out rate
  - Children in foster care

- Substance Abuse and Mental Health Services Administration (SAMHSA)
  - Marijuana use
  - Illicit drug use excluding marijuana
  - Nonmedical drug use of prescription drugs
  
- The Supreme Court of Ohio and the Ohio Judicial System
  - Domestic violence
  
- The Ohio Department of Public Safety
  - Crime data
  
- The Ohio Department of Youth Services
  - Child abuse/neglect

The Ohio Office of Criminal Justice Services (OCJS) is the agency responsible for administration of the Family Violence Prevention and Services Act and STOP Violence Against Women. They completed a needs assessment survey for 2008, however, the data collected are not immediately applicable to the format of this application. OCJS will be a partner in future discussions so that their knowledge of the needs of the targeted at-risk communities can be included in the planning to address needs and gaps in service.

**SECTION 4: PROVIDE INFORMATION ON THE QUALITY AND CAPACITY OF EXISTING PROGRAMS/INITIATIVES FOR EARLY CHILDHOOD HOME VISITATION IN EACH OF THE COMMUNITIES IDENTIFIED AS BEING AT RISK.**

As part of the needs assessment, Ohio surveyed the projects of the 6 State and federally funded home visiting programs in the state. The survey project included all Ohio home visiting programs for pregnant women and young children (n=156) meeting the federal definition of home visiting for the purposes of the needs assessment – programs that “include home visiting as a primary service delivery strategy (excluding programs with infrequent or supplemental home visiting),” and is “offered on a voluntary basis to pregnant women or children birth to age 5.” (Health Care Reform Act, 2010, p. 220) Under this definition, six categories of programs were the focus of the survey: (1) county-level offices of the state Help Me Grow program[n=88], (2) programs of the Ohio Infant Mortality Reduction Initiative (OIMRI)[n=13], (3) Head Start and Early Head Start programs using the home-based option [n=38], (4) directly federally-funded maternal and child health home visiting program [n=3], and (5) home visiting projects funded by the Ohio Children’s Trust Fund [n=14]. Based on the definition, programs offering a single home visit were excluded, as were those offering home visiting as part of service coordination under federally-funded Part C services for children with developmental delays.

**TABLE A: Home Visiting Needs Assessment Survey Response Rate**

| Program Categories  | Population | Survey Responses |         |       | %     |
|---|------------|------------------|---------|-------|-------|
|   |            | Complete         | Partial | Total |       |
| Help Me Grow County Offices   | 88         | 82               | 6       | 88    | 100.0 |
| Ohio Infant Mortality Reduction Initiative programs                     | 13         | 11               | 2       | 13    | 100.0 |
| Head Start/Early Head Start programs*                                   | 40         | 28               | 7       | 35    | 87.5  |
| Directly federally-funded maternal/ child health home visiting projects | 3          | 2                | 0       | 2     | 66.7  |
| Projects funded by Ohio Children’s Trust Fund                           | 14         | 6                | 3       | 9     | 64.3  |
| Total – Original Sample   | 158        | 129              | 18      | 147   | 93.0  |

*\* Organizations that operate both a Head Start and Early Head Start programs with home visiting were asked to respond to the survey separately for each program. Five organizations provided two surveys submissions but entities are counted only once in this table.*

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## THE HELP ME GROW (HMG) HOME VISITING PROGRAM

- HV Model or approach in use  
**Through an extensive stakeholder process, Ohio established standards for the HMG Home Visiting program which became effective in July 2010. Those standards include elements such as credentials of the home visitors, supervision of home visitors, frequency of visits, eligibility criteria, and an evidence-based parenting education curriculum (e.g., Nurse-Family Partnership curriculum; Parents As Teachers, Born to Learn);**
- Specific Service(s) provided  
**Ongoing screenings and assessments; Family-specific need-based referrals and resource linkages; Transitioning of children to a development-enhancing program/early care and education provider by age three.**
- Intended recipient of the services (e.g., pregnant women, infants)  
**Pregnant women and their babies up to age three**
- Targeted goals/outcomes of the intervention (e.g., child maltreatment reduction, maternal and child health, early literacy, reduction of domestic violence)  
**Increase Healthy Pregnancies; Improve Child Health, Development, and Readiness; Improve Parenting Confidence and Competence; Increase Family Connectedness to Community and Social Support**
- Demographic characteristics of the individuals or families served (using data in the form in which it is collected by the service provider)  
**First time parents who are at or below 200% of FPL, military families, and abused/neglected children.**
- Number of individuals or families served (depending on the intended recipient)  
**Approximately 12,000 statewide.**
- Geographic area served  
**All 88 counties**

Help Me Grow - The Help Me Grow (HMG) Home Visiting Program is administered by the Ohio Department of Health's Bureau of Early Intervention Services, which oversees the program in each of Ohio's 88 counties. The program serves pregnant mothers and their babies up to the age of three. The program targets first time parents who are at or below 200% of FPL. Other targeted groups are military families and abused/neglected children. The HMG Home Visiting Program was designed to effect four areas shown to result from interventions using home visiting as a method of program delivery: 1) Increase Healthy Pregnancies; 2) Improve Child Health, Development, and Readiness; 3) Improve Parenting Confidence and Competence; 4) Increase Family Connectedness to Community and Social Support. Home visiting is an effective manner to deliver services and supports to Ohio's families to meet the goals identified above. To do this, the program consists of four components: 1) An evidence-based parenting education curriculum (e.g., Nurse-Family Partnership curriculum; Parents As Teachers, Born to

Learn); 2) Ongoing screenings and assessments; 3) Family-specific need-based referrals and resource linkages; 4) Transitioning of children to a development-enhancing program/early care and education provider by age three.

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#### OHIO INFANT MORTALITY REDUCTION INITIATIVE

- HV Model or approach in use  
**OIMRI is based on the Federal Healthy Start model and uses Pathways (from CHAP) and the Florida State University Healthy Babies curriculum**
- Specific Service(s) provided  
**Professional community health workers (CHW) who are culturally connected with the families provide a link to the health and social services that will improve the likelihood of a healthy birth outcome. The CHW makes home visits on a regular basis during pregnancy and through the baby's second year of life to identify and overcome barriers to care, and to reinforce risk reduction behaviors. They link with many community agencies and programs (e.g., WIC, Help Me Grow, domestic violence, housing) to make appropriate referrals and then follow up to assure positive pregnancy and infant health outcomes.**
- Intended recipient of the services (e.g., pregnant women, infants)  
**Pregnant women, infants, and children up to the age of 2**
- Targeted goals/outcomes of the intervention (e.g., child maltreatment reduction, maternal and child health, early literacy, reduction of domestic violence)  
**Improve birth outcomes**
- Demographic characteristics of the individuals or families served (using data in the form in which it is collected by the service provider)  
**Ohio's African American community**
- Number of individuals or families served (depending on the intended recipient)  
**Approximately 750**
- Geographic area served  
**Thirteen neighborhoods in Ohio where infants are at greatest risk for not reaching their first birthday**

Ohio Infant Mortality Reduction Initiative - The Ohio Infant Mortality Reduction Initiative is designed to address the disparity in infant mortality in Ohio's African American community. Using infant mortality data, programs have been established in neighborhoods where infants are at greatest risk for not reaching their first birthday. Professional community health workers (CHW) who are culturally connected with the families provide a link to the health and social services that will improve the likelihood of a healthy birth outcome. The CHW makes home visits on a regular basis during pregnancy and through the baby's second year of life to identify and overcome barriers to care, and to reinforce risk reduction behaviors. They link with many community agencies and programs (e.g., WIC, Help Me

Grow, domestic violence, housing) to make appropriate referrals and then follow up to assure positive pregnancy and infant health outcomes.

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## HEAD START /EARLY HEAD START

- HV Model or approach in use  
**Head Start Program Performance Standards**
- Specific Service(s) provided  
**Services are provided in the home environment to help parents create learning opportunities and child development experiences that build on everyday routines. Programs provide one home visit per week per family, lasting 90 minutes, and two socialization experiences per month. Head Start performance standards require that ALL providers of Head Start services engage in regular home visits with the families they serve, amounting to no fewer than two per school year, per family.**
- Intended recipient of the services (e.g., pregnant women, infants)  
**Head Start = Young children from birth to compulsory school age, pregnant women and their families.**  
**Early Head Start = Young children birth to three and pregnant women**
- Targeted goals/outcomes of the intervention (e.g., child maltreatment reduction, maternal and child health, early literacy, reduction of domestic violence)  
**Preparation for school**
- Demographic characteristics of the individuals or families served (using data in the form in which it is collected by the service provider)  
**Families up to 100% FPL; 10% of those served can be over the income requirement**
- Number of individuals or families served (depending on the intended recipient)  
**Early Head Start = 2,190**  
**Head Start = ~500**
- Geographic area served  
**33 grantee agencies serving 42 counties with home-based services**

Head Start /Early Head Start – Head Start and Early Head Start are comprehensive child development programs which serve young children from birth to compulsory school age, pregnant women and their families. In Ohio, both Head Start and Early Head Start use the Home-based program option. In Head Start, children ages three to five can be enrolled in a home-based option. Services are provided in the home environment to help parents create learning opportunities and child development experiences that build on everyday routines. Programs provide one (1) home visit per week per family, lasting 90 minutes, and two (2) socialization experiences per month. In Early Head Start, similar services are provided to a different population; young children birth to three and pregnant women. Head Start performance standards require that ALL providers of Head Start services engage in regular home visits

with the families they serve, amounting to no fewer than two per school year, per family. Home visits for center based children served in Head Start are made by teachers and family service workers.

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#### COLUMBUS HEALTHY START: CARING FOR 2

- HV Model or approach in use  
**Partners for a Healthy Baby Home Visiting Curriculum for New Families (Florida State University)**
- Specific Service(s) provided  
**Physical and psychosocial assessments, parenting support and education, referrals and linkages to additional services.**
- Intended recipient of the services (e.g., pregnant women, infants)  
**Pregnant women and children up to age 2**
- Targeted goals/outcomes of the intervention (e.g., child maltreatment reduction, maternal and child health, early literacy, reduction of domestic violence)  
**Maternal and child health**
- Demographic characteristics of the individuals or families served (using data in the form in which it is collected by the service provider)  
**African American families**
- Number of individuals or families served (depending on the intended recipient)  
**180 women and their children up to age 2**
- Geographic area served  
**Nine zip codes in central city Columbus**

Columbus Healthy Start: As a part of the federally funded Healthy Start Initiative, Caring for 2, administered by Columbus Public Health, provides home visiting services. The services are provided for approximately 180 African American women and their children up to age 2 in nine zip codes in central city Columbus. The home visiting teams are led by Public Health Nurses and other team members include Licensed Social Workers and Community Care Coordinators. In addition, the program has a Violence Prevention Specialist who visits families twice during pregnancy; 2 years post partum; and, as needed. The team members use the Partners for a Healthy Baby Home Visiting Curriculum for New Families (Florida State University). A standardized assessment and teaching plan is part of the monthly visit based curricula. At a minimum, all families are visited monthly. For higher risk pregnant women or infants, the PHN visits every other week and other team members as assigned.

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## CLEVELAND HEALTHY START: THE MOMSFIRST PROJECT

- HV Model or approach in use  
**Community Health Worker Model**
- Specific Service(s) provided  
**Outreach, case management, health education, interconceptional care and perinatal depression screening and referral**
- Intended recipient of the services (e.g., pregnant women, infants)  
**Pregnant women and infants up to age 1**
- Targeted goals/outcomes of the intervention (e.g., child maltreatment reduction, maternal and child health, early literacy, reduction of domestic violence)  
**Reduction of disparities in infant mortality and poor birth outcomes**
- Demographic characteristics of the individuals or families served (using data in the form in which it is collected by the service provider)  
**African American women and teens. All women perceived to be at risk are eligible for enrollment**
- Number of individuals or families served (depending on the intended recipient)  
**2009: 2,373 unduplicated families**
- Geographic area served  
**Cleveland**

Cleveland Healthy Start: The MomsFirst Project's purpose is the reduction of disparities in infant mortality and poor birth outcomes experienced by African Americans in the City of Cleveland. This is accomplished by addressing the contributing factors which impact pregnancy directly such as prenatal care, smoking, obesity, substance abuse, etc. or those that may have a long term effect on a woman's general health and the health of her children such as poverty, lack of education, violence and other stressors. African American women and teens are the primary targets of outreach, although all women perceived to be at risk are eligible for enrollment. The Core Services of outreach, case management, health education, interconceptional care and perinatal depression screening and referral are the primary strategies used to address the Project's objectives. Home visiting is conducted with program participants by Community Health Workers, supervised by Case Managers.

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ST. VINCENT MERCY EVIDENCE-BASED HOME VISITING PROGRAM: HEALTHY CONNECTIONS HOME VISITATION (HC-HV)

- HV Model or approach in use  
**Healthy Families America Model and Growing Great Kids (GGK) Curriculum**
- Specific Service(s) provided  
**Parenting Education**
- Intended recipient of the services (e.g., pregnant women, infants)  
**Parents and guardians with children under three months of age**
- Targeted goals/outcomes of the intervention (e.g., child maltreatment reduction, maternal and child health, early literacy, reduction of domestic violence)  
**Child maltreatment reduction**
- Demographic characteristics of the individuals or families served (using data in the form in which it is collected by the service provider)  
**At risk, overburdened families**
- Number of individuals or families served (depending on the intended recipient)  
**Currently serving 103 families (52 receive home visitors)**
- Geographic area served  
**Lucas County**

St. Vincent Mercy Evidence-Based Home Visiting Program: Healthy Connections Home Visitation (HC-HV) is one of seventeen cooperative programs initially funded in 2008 by The Children’s Bureau within the Administration for Children and Families at the U.S. Department of Health and Human Services. HC-HV, a part of the St. Vincent Mercy Medical Center in Toledo, Ohio, was to use the funding to support the infrastructure needed for widespread adoption, implementation, and sustaining of evidence-based home visitation projects. HC-HV enrolls at risk, overburdened families in Lucas County. One-half of these families are placed into a control group that receives the usual care, while the other half is placed into the intervention group. The intervention group is assigned a home visitor who tests an enhanced version of the Healthy Families America Model as well as the Growing Great Kids (GGK) Curriculum. The curriculum is written to be inclusive of all family members and all individuals involved in raising a child. GGK can be easily adapted to meet the cultural needs of the families in Lucas County. The purpose of the curriculum is to integrate learning into parental practices and behaviors.

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## OHIO CHILDREN'S TRUST FUND PROJECTS

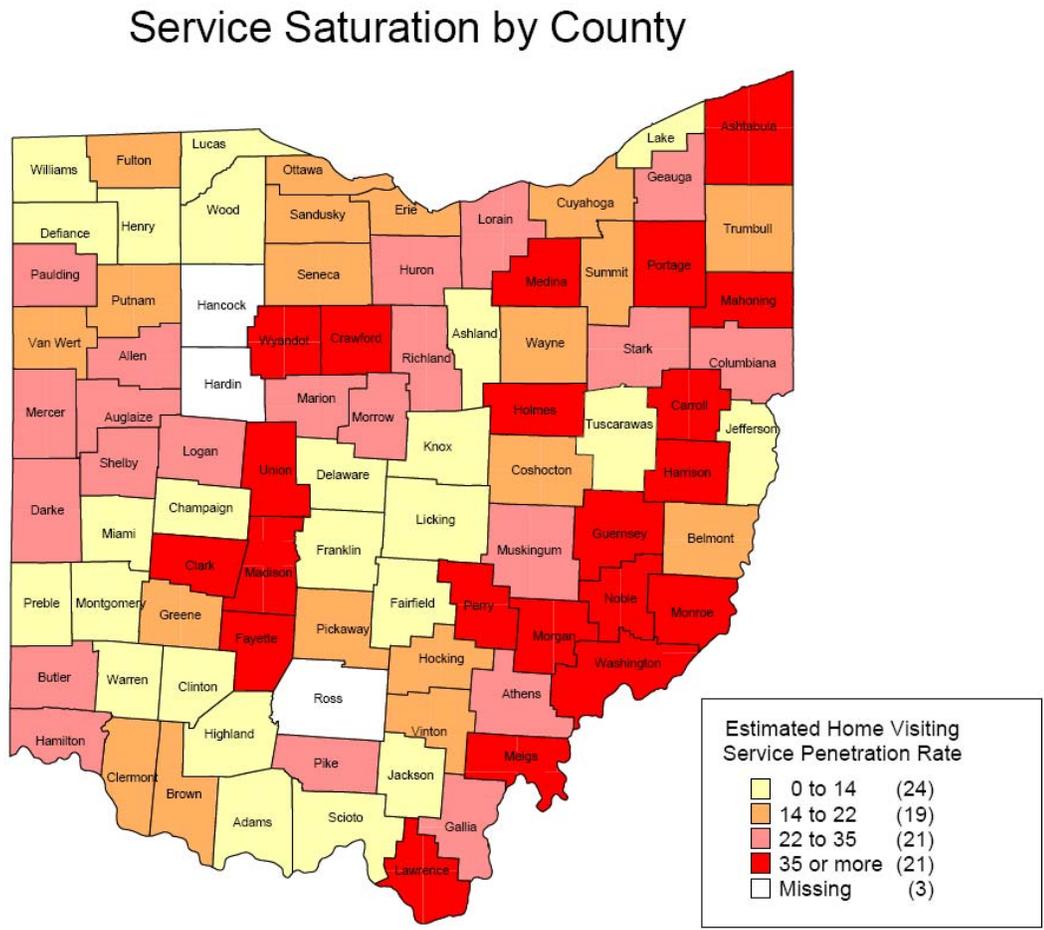
- HV Model or approach in use  
**Parents as Teachers, Nurse Family Partnership, Incredible Years Home Visitation**
- Specific Service(s) provided  
**Maternal and Newborn health assessments; Education about the care of the newborn; Positive parenting education; Promotion of early literacy; Referrals to service providers and ongoing HMG services, if appropriate; and Screening for maternal depression, and referral for treatment if appropriate.**
- Intended recipient of the services (e.g., pregnant women, infants)  
**Pregnant mothers and families with new babies and children (some projects up to the age of 12)**
- Targeted goals/outcomes of the intervention (e.g., child maltreatment reduction, maternal and child health, early literacy, reduction of domestic violence)  
**Maternal and child health, early literacy, positive parenting practices, safe home environments (child maltreatment reduction), and access to services (to strengthen families and prevent child abuse and child neglect)**
- Demographic characteristics of the individuals or families served (using data in the form in which it is collected by the service provider)  
***This data is not readily available as it is not collected for all projects.***
- Number of individuals or families served (depending on the intended recipient)  
**Approximately 650**
- Geographic area served  
**20 of Ohio's 88 counties**

Ohio Children's Trust Fund projects – The Ohio Children's Trust Fund (OCTF) invests in primary and secondary prevention strategies that are conducted at the local level and activities and projects of statewide significance designed to strengthen families and prevent child abuse and child neglect. The program's vision is that every child will grow up nurtured by a network of strong communities and healthy families. To this end, the OCTF invests in a number of home visiting programs at the local level, through partnerships with Ohio's Family and Children First Councils, including Newborn Home Visiting programs, Help Me Grow, Parents as Teachers, Nurse Family Partnership, Incredible Years Home Visitation, and Home-Based Parenting Programs. These home visitation programs offer a variety of family-focused services to pregnant mothers and families with new babies and young children. They address issues such as maternal and child health, positive parenting practices, safe home environments, and access to services.

(1) DISCUSS THE EXTENT TO WHICH SUCH PROGRAMS/INITIATIVES ARE MEETING THE NEEDS OF ELIGIBLE FAMILIES.

As part of the survey referenced above, respondents were asked to report the proportion of clients by the frequency of visits per month. The predominant number of home visits per month is one based on the median. The bulk of cases experience home visit frequency in the one to four visits per month range.

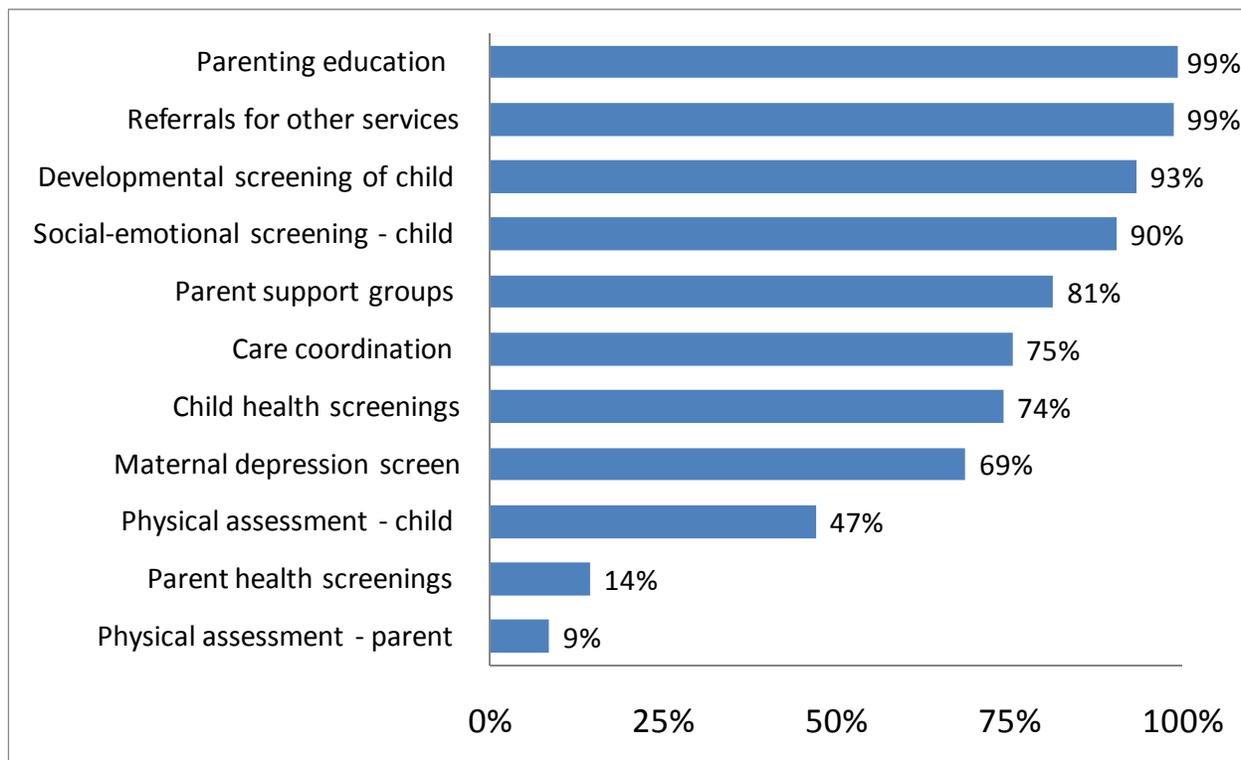
One method for assessing the extent to which home visiting services are meeting the needs of families is to examine the counts of families served as a proportion of the underlying population in need. **Figure 22** shows the number of families served by home visiting in each county as a proportion of the Medicaid births in the most recent three year period (proxy for population in need of home visiting).



Total number of families served in one year as proportion of Medicaid births over 3 years.

**Figure 22 Home Visiting Service Levels by County**

Respondents were asked to identify the services and supports offered by their program and the extent to which they are used by home visiting clients. See **Table B**. Nearly all programs provide parenting education and referrals to additional services, and the vast majority provide developmental screenings for children, and social-emotional screening of children. In addition, approximately three-quarters of programs provide parent support groups, care coordination, child health screenings, and maternal depression screenings. Physical assessments of children are offered by over one-third of programs. Parent health screenings and physical health assessments for parents are rarely offered.



**FIGURE 23 – Components of Home Visiting Programs**

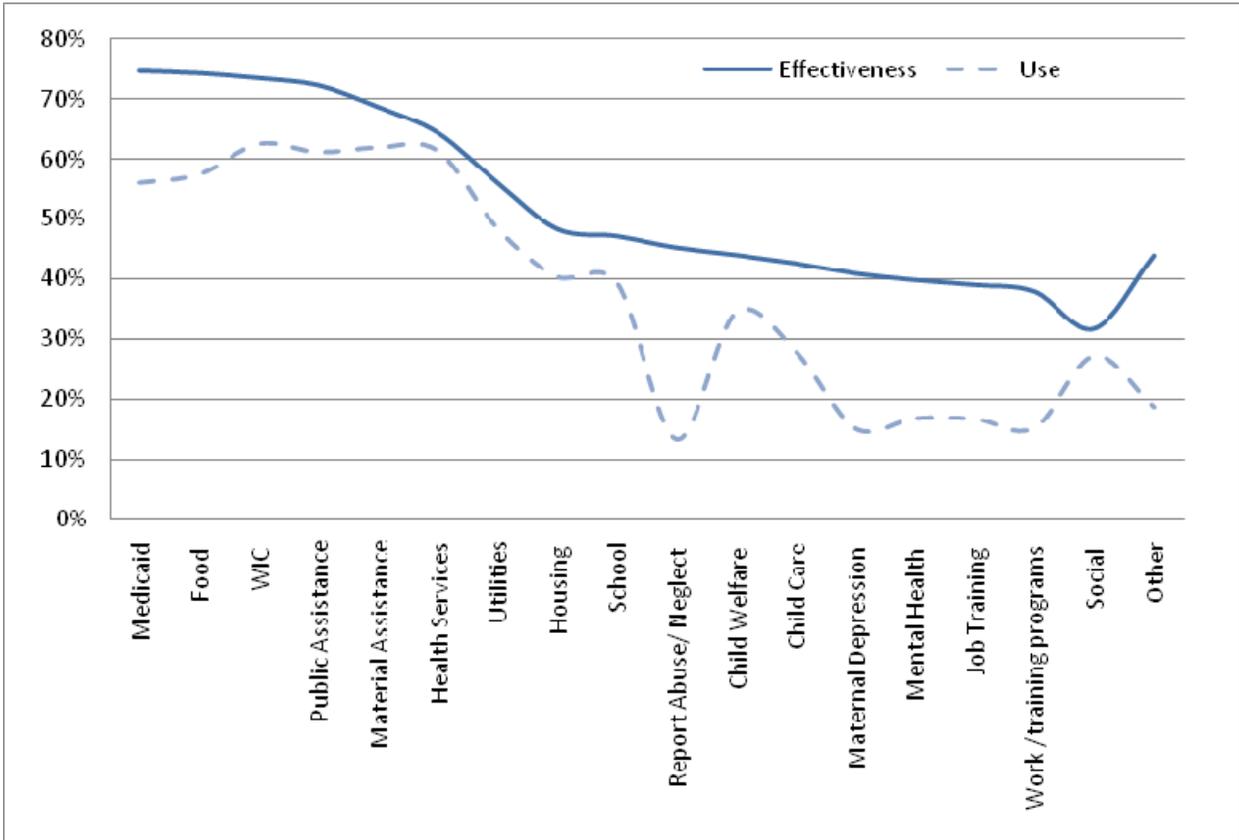
Among the program components offered, the most highly rated in regard to successful delivery to families include child screenings, such as social-emotional (94%), developmental (93%), child health (89%), and physical assessment of the child (78%). In addition, parenting education (75%), care coordination (67%), and referrals for other supports and services (55%) were rated favorably by the majority of respondents. Parent support groups, parent health screenings, and maternal depression screenings were rated as difficult to deliver to the client population. In addition to these program components, 28% of respondents identified one or more other components of their home visiting services.

**TABLE B – Program Services and Supports**

|  | Program offers component | Among programs which offer the service, the extent to which participants accept and receive this component |              |                  |              |             |
|--|--------------------------|--|--------------|------------------|--------------|-------------|
|  |                          | Never <5%  | Seldom 5-19% | Sometimes 20-39% | Often 40-80% | Mostly >80% |
| Parenting education                      | 99.3%                    | 0.8%   | 5.6%         | 4.8%             | 15.1%        | 73.8%       |
| Referrals for addit'l services/ supports | 98.6%                    | -  | 0.8%         | 14.6%            | 30.0%        | 54.6%       |
| Developmental screening of the child     | 92.0%                    | 1.7%   | -            | 1.7%             | 4.1%         | 92.6%       |
| Social-emotional screening of the child  | 90.4%                    | 0.9%   | 0.9%         | 1.7%             | 2.6%         | 94.0%       |
| Parent support groups                    | 81.3%                    | 8.8%   | 30.4%        | 31.4%            | 17.6%        | 11.8%       |
| Care coordination                        | 75.4%                    | 4.0%   | 4.0%         | 8.1%             | 19.2%        | 64.6%       |
| Child health screenings                  | 74.1%                    | 2.0%   | 2.0%         | 3.1%             | 4.1%         | 88.8%       |
| Maternal depression screening            | 68.6%                    | 10.2%  | 14.8%        | 14.8%            | 22.7%        | 37.5%       |
| Physical assessment of the child         | 47.0%                    | 6.2%   | 1.5%         | 9.2%             | 4.6%         | 78.5%       |
| Parent health screenings                 | 14.4%                    | 26.7%  | 16.7%        | 13.3%            | 10.0%        | 33.3%       |
| Physical assessment of the parent        | 8.5%                     | 31.8%  | -            | 9.1%             | 4.5%         | 54.5%       |

Respondents were asked to report on the program’s use of referrals for additional services/ supports. See **Table C**. The types of referrals that most frequently lead to service for home visiting clients are reported to be those that involve physical needs and governmental assistance programs, such as food, Medicaid, WIC, public assistance, and material needs. In addition to these, respondents reported that more than one-half of clients receive services when referred for health services and utility assistance. Referral categories resulting in lower levels of client service include those related to housing, school, child welfare, child care, maternal depression, mental health, job training, and social needs.

In general, the data show greater usage of referrals by home visiting programs in those categories where a referral is more likely to result in service for clients. For referral types where less than one-half of the referrals result to service, only 15-35% of respondents reported that they make these referrals often or mostly. Comparatively, for referral types where more than one-half result in service, 50-65% of respondents reported making referrals.



**FIGURE 24 – Use and Perceived Effectiveness of Referrals by Type**

Referrals for additional services/supports not mentioned in the list above were also identified by respondents. Most frequently these included referrals for nutrition services, literacy services, and developmental evaluation, but also noted were ancillary services such as play groups.

**TABLE C – Program Referrals**

|          | To what extent do participants accept and receive this type of referral? |                 |                     |                 |                | Mean% of referrals resulting in services |
|----------|--|-----------------|---------------------|-----------------|----------------|--|
|          | Never<br><5%   | Seldom<br>5-19% | Sometimes<br>20-39% | Often<br>40-80% | Mostly<br>>80% |  |
| Medicaid | 4.9%   | 16.4%           | 23.8%               | 18.9%           | 36.1%          | 74.6%                                    |
| Food     | 4.7%   | 5.4%            | 32.6%               | 32.6%           | 24.8%          | 74.2%                                    |
| WIC      | 3.1%   | 11.7%           | 22.7%               | 25.8%           | 36.7%          | 73.4%                                    |

|   | To what extent do participants accept and receive this type of referral? |                 |                     |                 |                | Mean% of referrals resulting in services |
|---|--|-----------------|---------------------|-----------------|----------------|--|
|   | Never<br><5%   | Seldom<br>5-19% | Sometimes<br>20-39% | Often<br>40-80% | Mostly<br>>80% |  |
| Public Assistance (TANF, food stamps, child care) | 4.0%   | 10.3%           | 24.6%               | 28.6%           | 32.5%          | 72.2%                                    |
| Material Assistance (crib, car seat, etc.)        | 1.6%   | 11.9%           | 24.6%               | 27.8%           | 34.1%          | 68.6%                                    |
| Health Services (dental, medical, etc.)           | -  | 9.3%            | 29.5%               | 35.7%           | 25.6%          | 64.3%                                    |
| Utilities   | 4.0%   | 16.7%           | 31.0%               | 26.2%           | 22.2%          | 56.0%                                    |
| Housing   | 3.9%   | 17.1%           | 38.8%               | 26.4%           | 14.0%          | 48.3%                                    |
| School  | 6.3%   | 23.6%           | 30.7%               | 27.6%           | 11.8%          | 47.1%                                    |
| Suspected Child Abuse/Neglect                     | 27.0%  | 43.7%           | 15.9%               | 7.1%            | 6.3%           | 45.2%                                    |
| Child Welfare                                     | 14.8%  | 22.1%           | 28.7%               | 19.7%           | 14.8%          | 44.0%                                    |
| Child Care  | 9.6%   | 24.0%           | 38.4%               | 20.0%           | 8.0%           | 42.6%                                    |
| Maternal Depression                               | 14.4%  | 37.6%           | 32.8%               | 8.0%            | 7.2%           | 40.9%                                    |
| Mental Health                                     | 6.2%   | 37.7%           | 39.2%               | 9.2%            | 7.7%           | 39.8%                                    |
| Job Training                                      | 7.2%   | 28.8%           | 47.2%               | 12.0%           | 4.8%           | 39.0%                                    |
| Work /training programs                           | 8.1%   | 38.7%           | 37.9%               | 10.5%           | 4.8%           | 37.9%                                    |
| Social  | 12.4%  | 27.3%           | 33.1%               | 11.6%           | 15.7%          | 31.7%                                    |
| Other (specify)                                   | 40.6%  | 15.6%           | 25.0%               | 9.4%            | 9.4%           | 43.9%                                    |

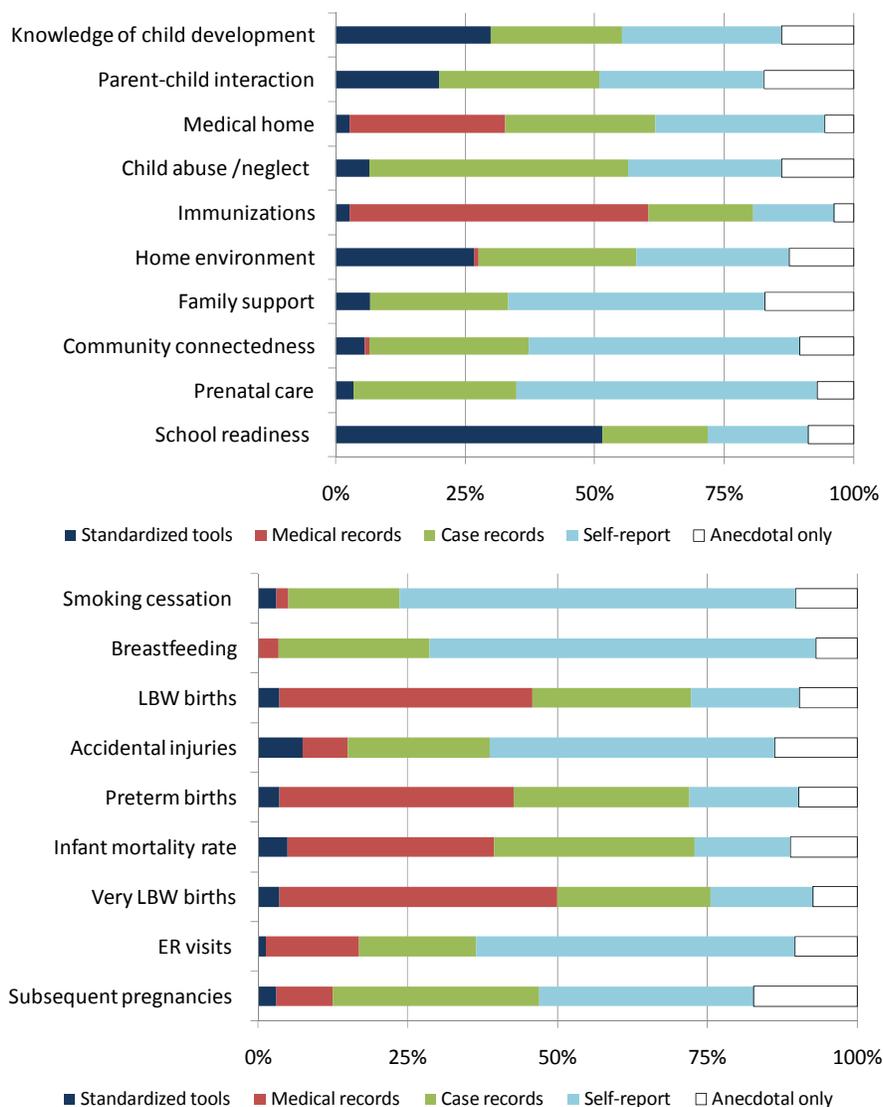
#### Program goals/outcomes

Program representatives were asked to address the goals identified for their home visiting program and the extent to which clients were achieving the goals. See **Table D**. The majority of programs identified a core set of outcomes, with more than 80% selecting the following – knowledge of child development, parent-child interactions, access to medical home, prevention of child abuse/neglect, immunizations, home environment, and family support. In addition, there was a consensus among programs around the outcomes of community connectedness, access to prenatal care, school readiness, and smoking cessation, with more than 70% of programs selecting these.

**TABLE D – Program Goals/Outcomes and Achievement**

| Ranked by Proportion of programs with this goal                | Program addresses this goal or outcome area | Extent to which participants achieved this goal or outcome (among programs identifying this as a goal) |                 |                     |                 |                |
|--|---|--|-----------------|---------------------|-----------------|----------------|
|  |   | Never<br><5%   | Seldom<br>5-19% | Sometimes<br>20-39% | Often<br>40-80% | Mostly<br>>80% |
| Improve knowledge of child development                         | 86.3%                                       | -  | -               | 2.9%                | 30.4%           | 66.7%          |
| Improve parent-child interactions                              | 84.3%                                       | -  | -               | 8.1%                | 30.3%           | 61.6%          |
| Increase access to medical home / primary health care provider | 84.3%                                       | 3.1%   | 3.1%            | 18.5%               | 22.7%           | 52.6%          |
| Prevent child abuse / neglect                                  | 83.0%                                       | 2.0%   | 7.1%            | 18.4%               | 31.6%           | 40.8%          |
| Ensure immunizations are up-to-date                            | 81.7%                                       | -  | 2.1%            | 7.4%                | 21.0%           | 69.5%          |
| Improve home environment                                       | 81.0%                                       | -  | 5.4%            | 23.6%               | 38.7%           | 32.2%          |
| Increase family support  | 80.4%                                       | 1.0%   | 8.3%            | 29.2%               | 33.3%           | 28.1%          |
| Increase community connectedness                               | 79.1%                                       | 1.0%   | 12.5%           | 20.8%               | 35.4%           | 30.2%          |
| Increase access to prenatal care                               | 77.8%                                       | 4.0%   | 12.9%           | 9.9%                | 28.7%           | 44.5%          |
| Improve school readiness                                       | 76.5%                                       | 1.1%   | 4.4%            | 11.0%               | 30.8%           | 52.7%          |
| Increase smoking cessation                                     | 71.2%                                       | 10.9%  | 28.3%           | 43.4%               | 10.9%           | 6.5%           |
| Increase breastfeeding   | 64.7%                                       | 2.7%   | 21.6%           | 36.5%               | 21.6%           | 17.6%          |
| Decrease low birth weight births                               | 59.5%                                       | 9.6%   | 9.6%            | 28.8%               | 19.2%           | 32.9%          |
| Decrease incidence of accidental injury                        | 59.5%                                       | 1.4%   | 14.3%           | 27.1%               | 27.1%           | 30.0%          |
| Decrease preterm births  | 58.2%                                       | 9.8%   | 8.4%            | 28.2%               | 22.5%           | 31.0%          |
| Decrease infant mortality rate                                 | 58.2%                                       | 10.1%  | 7.2%            | 24.6%               | 17.4%           | 40.6%          |
| Decrease very low birth weight births                          | 57.5%                                       | 11.4%  | 7.1%            | 30.0%               | 17.1%           | 34.3%          |
| Decrease emergency room visits                                 | 51.6%                                       | 8.1%   | 17.7%           | 24.2%               | 25.8%           | 24.2%          |
| Extend spacing of subsequent pregnancies                       | 40.5%                                       | 12.1%  | 27.6%           | 24.1%               | 17.2%           | 19.0%          |

Respondents also indicated the extent to which clients in their program achieved these goals. The most highly rated outcomes in regard to success rates are immunizations up-to-date, improved knowledge of child development, improved parent child interaction, school readiness, and access to a medical home.



**FIGURE 25 – Data Sources to Document Program Outcomes**

In addition, programs reported on the method/source used to measure achievement of the program goals or outcomes. See **Figure 25** (Appendix Table A contains proportions by category). Proportions are reported only among the programs that are using the specific outcome. In general, these data confirm that a diversity of data approaches is in use by programs in documenting their outcomes. As would be expected case records are frequently used and provide a sources of outcome information for one-quarter to one-third of programs. Outcomes related to birth, child health, and use of health care services are extracted from more reliable medical records by one-third to one-half of providers. The most frequent use of standardized measures comes in the outcome domains of child development, home environment, and parent child interaction, but even in these instances they are used by less than one-third of programs.

Program representatives were also asked about the presence of a waitlist list for home visiting services. While 28% of programs reported excess demand, it is clustered by program type - Head Start (88%), Early Head Start (75%), OCTF projects (20%), HMG (10%). The data on waiting lists may not be accurate, however, due to the wording of the survey question in relation to the policies of some home visiting entities. As a matter of policy some programs do not maintain waiting lists for service, though there are families that they cannot currently serve. As such, the waiting list information collected in this survey may not be reliable as a way to gauge the magnitude of unmet need for home visiting services in specific communities.

These data are at state level. The next steps will be to conduct additional analysis of the individual targeted communities at risk.

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## (2) IDENTIFY GAPS OR DUPLICATIONS IN EARLY CHILDHOOD HOME VISITATION SERVICES.

As described earlier in this section, each of the state and federally funded home visiting programs included in this assessment vary in terms of the population eligible for the service, the intensity and duration of the service, the targeted outcomes, the volume of clients served, and the geographic area served. Because of this variation, communities at risk will differ in the range and volume of services that are available. If each of the programs was fully funded and available for any potentially eligible participant, there would be duplication in the system. As it is, these programs together provide a range of services; however, most communities only have access to some.

As Ohio prepares for the Updated State Plan, additional surveys and discussion among the various programs within the communities at risk, including discussion with the county Family and Children First Council, will help to identify where different programs may be targeting the same population and how programs can work together in a more coordinated, collaborative process for outreach, screening and enrollment in the most appropriate service.

Table E (see next page) lists the State and federally funded programs available in that county. Given that the programs have different eligibility criteria and different targeted outcomes, the fact that there are 2 or more in a county does not mean that there is duplication of services. Among all respondents 85.7% reported that their program serves an entire single county (100% among Help Me Grow offices). Nearly one in ten of respondents serve more than one county, while 4.5% serve smaller sub-county geographies (e.g., city, census tract, neighborhood). All HS/EHS programs listed on this table offer home based services and were included in the survey.

**TABLE E - Home visiting programs represented in the survey by county of service**

|                   | HMG Office | Head Start/ Early Head Start | OIMRI project | Children's Trust Fund | Federally-funded project |
|-------------------|------------|------------------------------|---------------|-----------------------|--------------------------|
| Adams County      | ✓          | ✓ <sup>F</sup>               |               |                       |                          |
| Allen County      | ✓          | ✓                            | ✓             |                       |                          |
| Ashtabula County  | ✓          | ✓✓                           |               |                       |                          |
| Clark County      | ✓          | ✓ <sup>B</sup>               | ✓             | ✓                     |                          |
| Clinton County    | ✓          |                              |               |                       |                          |
| Columbiana County | ✓          |                              |               |                       |                          |
| Coshocton County  | ✓          | ✓                            |               |                       |                          |
| Crawford County   | ✓          | ✓ <sup>G</sup>               |               |                       |                          |
| Cuyahoga County   | ✓          | ✓✓                           | ✓             | ✓                     | ✓                        |
| Erie County       | ✓          |                              |               |                       |                          |
| Fayette County    | ✓          | ✓                            |               |                       |                          |
| Franklin County   | ✓          |                              | ✓             |                       |                          |
| Gallia County     | ✓          |                              |               |                       |                          |
| Hamilton County   | ✓          | ✓✓                           | ✓             |                       |                          |
| Harrison County   | ✓          |                              |               |                       |                          |
| Jackson County    | ✓          | ✓ <sup>E</sup>               |               |                       |                          |
| Jefferson County  | ✓          |                              |               |                       |                          |
| Knox County       | ✓          |                              |               |                       |                          |
| Logan County      | ✓          | ✓ <sup>A</sup>               |               |                       |                          |
| Lucas County      | ✓          | ✓                            | ✓             |                       | ✓                        |
| Mahoning County   | ✓          | ✓                            | ✓             |                       |                          |
| Marion County     | ✓          |                              |               |                       |                          |
| Meigs County      | ✓          |                              |               |                       |                          |
| Montgomery County | ✓          | ✓ <sup>B</sup>               | ✓             |                       |                          |
| Muskingum County  | ✓          | ✓                            |               |                       |                          |
| Pike County       | ✓          | ✓                            |               |                       |                          |
| Ross County       | ✓          |                              |               |                       |                          |
| Scioto County     | ✓          | ✓                            |               |                       |                          |
| Stark County      | ✓          |                              | ✓             |                       |                          |
| Summit County     | ✓          | ✓                            | ✓             | ✓✓                    |                          |
| Trumbull County   | ✓          |                              |               |                       |                          |

Note: Superscript notation indicates counties served by entity serving multiple counties.

- ✓<sup>A</sup> –Head Start serving 9 counties (Auglaize, Champaign, Darke, Greene, Logan, Miami, Preble, Shelby, Van Wert,)
- ✓<sup>B</sup> –Head Start serving 3 counties (Clark, Madison, Montgomery)
- ✓<sup>C</sup> –Head Start serving 5 counties (Defiance, Fulton, Henry, Paulding, Williams)
- ✓<sup>D</sup> –Head Start serving 3 counties (Delaware, Licking, Union)
- ✓<sup>E</sup> –Head Start serving 2 counties (Jackson, Vinton)
- ✓<sup>F</sup> –Head Start serving 2 counties (Adams, Brown)
- ✓<sup>G</sup> –Head Start serving 4 counties (Ashland, Crawford, Morrow, Richland)
- ✓<sup>H</sup> –Head Start serving 3 counties (Guernsey, Monroe, Noble)
- ✓<sup>I</sup> –Head Start serving 3 counties (Athens, Hocking, Perry)
- ✓<sup>J</sup> –Head Start serving 2 counties (Medina, Wayne)
- ✓<sup>K</sup> –Head Start serving 2 counties (Morgan, Washington)
- ✓<sup>L</sup> –Head Start serving 4 counties (Ottawa, Sandusky, Seneca, Wood)
- ✓<sup>M</sup> – Ohio Children's Trust Fund project serving 2 counties (Holmes, Wayne)

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## CONSIDERATION OF OTHER NEEDS ASSESSMENTS

The **Ohio Children’s Trust Fund** (OCTF) is Ohio’s lead agency for Title II of CAPTA. They have not conducted their own needs assessment and rely on the work of the advocacy group, the Public Children Services Association of Ohio (PCSAO). PCSAO publishes a Fact Book of data related to child services in Ohio and provided information related to child abuse and neglect that is reported on *Appendix A* forms. OCTF also sponsors several community-based and prevention-focused programs and activities across the state. A general summary of their home visiting services is included above; following is a brief description of each of the programs. For SFY 2011, OCTF county allocations are being utilized by 20 county Family and Children First Council’s (FCFCs) for the provision of various home visitation child abuse and neglect prevention programs.

### **Clark County**

#### **Newborn Home Visiting**

Registered Nurses (PHNs) in the Help Me Grow system will provide Newborn Home Visitation. Visits include support, education and referrals to community resources. Visits are made within the first six weeks of life and include the following components: Maternal and Newborn health assessments; Education about the care of the newborn; Promotion of early literacy; Referrals to service providers and ongoing HMG services, if appropriate; and Screening for maternal depression, and referral for treatment if appropriate. First time mothers and teen mothers (for both first time and subsequent births) will be targeted. Infants who are at risk for neglect due to environmental or other factors will also be a focus, with these referrals coming from Family and Children Services based on concerns identified by the investigating social worker. The area of service will be both the city of Springfield and areas outside of the city in Clark County.

### **Clermont County**

#### **Home Visitation Program using Parent-Child Interaction Therapy (PCIT) and Child-Adult Relationship Enhancement (CARE) models**

The Child Focus, Inc. Home Visitor Program is an evidence-informed, home-based parenting program targeted at the prevention of child maltreatment and neglect. Program design and implementation strategies were established by incorporating evidence-based best practice design elements from Parent-Child Interaction Therapy (PCIT) and Child-Adult Relationship Enhancement (CARE) models. The target population for this program is families of children 0-12 years of age. Each participating family is scheduled for ten home-based sessions and provided the option to request an extension of the home-based service at the completion of the final session. Providing in-home services to families provides the opportunity for the Home Visitor to directly observe and work with the parent and child, making it possible for the Home Visitor to identify and redirect ineffective or potentially detrimental parenting practices. In addition to weekly home-based sessions, supportive services designed to increase concrete support and enhance social connections are provided to parents for the duration of active program participation.

## **Crawford County**

### *Parents as Teachers Born Learning – includes home visits, monthly group meetings and consultation with a psychologist*

Through this proposed program, families with children prenatal to age 3 who have four or more risk factors for developmental delay will receive Parents as Teachers Born to Learn Logic Model (see [www.patnc.org](http://www.patnc.org)) home visits. The PAT curriculum is designed for weekly, bi-weekly or monthly home visits. In addition to educational home visits, families will be offered monthly group meetings which will include trainings on specialized topics (e.g. biting/hitting, toileting, etc.), enrichment activities, and support. Also through OCTF, a clinical psychologist, would be contracted to provide, as needed, consultation services for children. These services could include such activities as staffing, phone contact, parent trainings, and child observation and assessment.

## **Cuyahoga County**

### *Parents As Teachers (HMG)*

Help Me Grow ongoing home visiting services will be provided to families with newborns, infants and toddlers (to age three). Contractors will provide child development and health information, positive parenting education and linkages to community resources.

## **Defiance County**

### *Home Visits to First-time Parents*

General Health District will provide home visits to first-time parents and teen parents of infants less than one year of age and parents referred by healthcare providers due to concerns. Follow-up home visits will be conducted on an individual, as needed basis. All home visits will be conducted by a registered nurse that has 29 years of maternal-child health experience. Additionally, monthly cafes will be coordinated by the same registered nurse and the director of nursing.

## **Delaware County**

### *Help Me Grow*

The Family Support Project is designed to provide support to families in the HMG Program through family support groups, workshops, newsletters, personal interactions and assistance in navigating the multiple systems involving the HMG families in order to relieve the caregivers' stress and anxiety thus reducing the risk for abuse and neglect for children at risk for or having developmental delays or disabilities.

## **Fairfield County)**

### *Teens with Tots (PAT)*

Utilizing the Parents as Teachers curriculum, the Teens with Tots initiative enhances the Ohio Help Me Grow program by providing parenting education, support groups, school-based visiting and enhanced home visitation for teen parents and their children. The Parents as Teachers curriculum encourages bonding and the idea that parents are their child's first, best teacher. This is an on-going program and

would continue uninterrupted. This program is offered to the teen from the prenatal period until the child is age three (3). The target population for this program is teen parents of children prenatal to 3, making this a secondary prevention effort.

### **Franklin County**

#### **Newborn Home Visiting Program**

Both the Welcome Home Program of Mount Carmel Health System and the Newborn Home Visiting Program of the Columbus Public Health Department prioritize home visits, with special emphasis on first-time mothers, teenaged mothers, single mothers, mothers with a history of depression, mothers with mental health risk factors, mothers seeking resources through home visit services and mothers of newborns with risk factors including those born prematurely, with medical problems or released from NICUs. The vendor's nurses visit mothers who request information and wellness checks, even those not overtly at risk for child abuse and neglect potential.

### **Geauga County**

#### **Parent Project and After Care Services Program**

The Geauga County Parent Project consists of a team of individuals from schools, mental health, law enforcement and families who facilitate a 10-week evidence-based curriculum that teaches positive parenting skills such as communication, expressing love and concern and setting effective boundaries and consequences for their children. After the initial 10-week program is completed, the Family Pride therapists conduct home visits with the families for six months as part of an aftercare services program. It is the intention of these services to focus on the mental well-being of the children and their families through parent coaching and psycho-educational parent groups.

### **Henry County**

#### **Parents As Teachers (Newborn Home Visits)**

The Henry County Health Department will offer newborn home visit services to Henry County residents within the first six weeks after the birth of a child, discharge from a hospital or adoption of a newborn. The visit shall include the following components: maternal health assessment; newborn health assessment; newborn care education; normal child development; positive parenting practices and nonviolent discipline techniques for newborns; and referrals to service providers if appropriate. The PAT Curriculum will be integrated into the Health Department's New Born Home Visiting Program.

### **Lorain County**

#### **BRIDGE (Birthing Readiness Individualized Development and Growth through Education) Program**

Women targeted for the BRIDGE program are those age 19 years and under. Four home visits will be attempted; the first is to occur in the second trimester of pregnancy, the second and third visits are to occur in the last trimester of pregnancy, and the fourth visit is to occur 1-6 weeks postpartum. Clients will be assisted and encouraged to identify individualized learning needs in preparation for birth and parenting. Significant others will be included in the sessions as the client desires, with the goal of helping the client build a support network. Education and anticipatory guidance to prepare for birth,

infant care and safety, and to develop effective parenting strategies will be provided throughout the sessions. Concrete support will be given to the client through appropriate referrals to other programs and agencies servicing families with young children, including Help Me Grow. Information regarding resources available, eligibility requirements, and application processes to obtain basic family needs will be provided.

### **Logan County**

#### **Newborn Home Visiting**

The Newborn Home Visiting Program is provided to at-risk mothers within the first-six weeks of the child's discharge from the hospital. Its' goal is to ensure that at-risk newborns get a healthy start to life by providing parents with guidance, information and support directly in their homes after delivery. The program utilizes the promising practice of Newborn Home Visiting Services as developed by the Ohio Department of Health for the Help Me Grow Program and it will utilize the Maternal and Newborn Assessment forms. Newborn Home Visiting services will be limited to a target population of at-risk mothers/infants that was determined based on risk factors identified by the Logan County Health District and Mary Rutan Hospital. Nurses will provide up to two home visits with each family – a total of 150 visits to anywhere between 75 and 125 new mothers.

### **Medina County**

#### **Parents As Teachers (HMG)**

Medina County Help Me Grow will provide Parents As Teachers programming. The proposal is planned to be a supplement to Help Me Grow services for children and their families pre-natal to age 5. The OCTF dollars fund this supplement that serve children and their families not currently eligible for regular Help Me Grow services.

### **Meigs County**

#### **Family Mentor via Strengthening Families Connections**

The Family Mentor program provides direct services in the home and other community settings in which the family normally interacts (e.g. school). The services are targeted toward families involved in service coordination. The intervention curriculum provided to families will be individualized to meet the family's specific needs. In general, the curriculum will focus upon: effective limit setting within the home; increasing consistency of expectations and consequences; effective communication within the family; effective interaction with other service providers. Specific instructional intervention will be drawn from the evidence based intervention, Strengthening Families Connections, although this intervention will be provided on an individual basis and include those skill areas identified as needing attention by the Individual Family Team. The Family Mentor will also draw upon incorporating techniques and interventions to assist in problem solving, resilience-building, mentorship, life skills instruction, advocacy, and identifying natural positive supports the family may be lacking.

## **Richland County**

### **Parent Aide Program – In-home mentoring program with monthly family meetings**

The Parent Aide Program uses a nationally recognized parenting curriculum that is tailored to each families' needs. The Parent Aide Program strengthens families in order to prevent child abuse and neglect by focusing on the development of four measurable parental/caregiver skills: demonstrated child safety in their homes; increased parenting relational, developmental, and discipline knowledge and methods; increased adult problem-solving and resiliency ability; and developed and utilized healthy support systems. The Parent Aide Program serves a specific population identified as having risk factors for child abuse and neglect. Referrals come from the local homeless shelter, mental health center, county health department, mental retardation/developmental delayed agency, children's services, and self-referral. The OCTF grant will support 40 of the active families for a year.

## **Sandusky County)**

### **Parents As Teachers Home Visitation Program**

Home visitation for Sandusky County families of children prenatal to age three will be provided using the Parents As Teachers curriculum. Parent education will be provided in order to help parents identify not only positive activities for families to build relationships with each other, but also information concerning child development, public and social services and ways they can meet their child's emotional, physical and development needs. Visits must occur during at least part of the child's first two years of life, but may be initiated during pregnancy and may continue after the child's second birthday. Weekly home visits are provided to program participants. The OCTF programming will help fill the service gap to families in need of support who do not qualify for Help Me Grow.

## **Seneca County**

### **Parenting Passport Program – an intensive 8-week (8 – 1 to 2 hour sessions) home-based Parent Education Program**

The Parenting Passport Program is an intensive 8-week (8 - 1 to 2 hour sessions) home-based Parent Education Program. Depending on the needs of the families, one of eight research based parenting programs is selected for training. The programs include such topics as: "Early Childhood Education"; "Winning at Parenting"; "1-2-3 Magic"; "More 1-2-3 Magic" and "Parenting with Dignity". The curriculum components are DVD/video based with supporting handouts. Parent information folders and various other pertinent child and family information and a Parent Guide Manual are given to each family. This program focuses on appropriate discipline techniques such as alternatives to spanking which may include time out, and time out alternatives. This program concentrates on positive parenting and stresses discipline as opposed to punishment. This information, whether verbal or in document form, is reinforced throughout the program. Observations are made by the parent educator witnessing the parent/child interactions. Suggestions are made based upon these observations. The parent educator advises each family that she is still available to them beyond graduation from the program should any further need arise.

## **Summit County**

### **Parents As Teachers Born to Learn**

The Early Childhood Initiative offered by the Akron Metropolitan Housing Authority offers Parents As Teachers Born to Learn educational program to women with children under age 6 in five Summit County public housing developments. The programming involves lessons at home visits, extensive screenings and if warranted, referrals for children's developmental delays and health and behavioral issues as well as monthly group programming for parents and children at AMHA community centers. Seventy families and their children under age 5 are targeted for participation during SFY 2011.

## **Trumbull County**

### **Parents As Teachers**

The Trumbull County Health Department will use the Parents As Teachers curriculum to provide services to pregnant women and families with children 0-3 years of age. Families that are referred to or request Help Me Grow, but are not eligible will be offered this program. The program will enroll at least 25 families who may have one or more children. Services will be provided through a combination of home visits and group sessions at the YWCA and the library by TCHD staff members who are certified in PAT. Home visits will be provided at least once per month, but the program is sensitive to family needs and wishes and will accommodate up to four home visits per month. There will be three 6-week parent/child group sessions. These will be educational sessions for parents followed by a parent/child interactive period.

## **Union County**

### **Newborn Home Visiting with Parents As Teachers**

The Prevention Advisory Council of the Council for Union County Families is requesting funding to continue offering newborn home visits to all new parents in Union County. The proposal addresses the need for parents to attach and bond with their babies. The Newborn Home Visiting Nurse will provide resources for connecting with their child, including information about infant and toddler development, the importance of an early secure attachment, shaken baby syndrome and sudden infant death syndrome. In addition, the Nurse will provide a maternal depression screening and talk to new parents about post partum depression, as research has shown a significant effect on bonding and attachment. The newborn home visit will be available to all new mothers who reside in Union County. Union County will also target outreach efforts to the expectant mothers in the Rainbow prenatal clinic and to those who are receiving services through the Dept. of Job and Family Services. With 750 births in Union County each year, the goal is to provide 200 home visits, of which 125 will be supported by the Trust Fund allocation.

Collaboration is just beginning with the **Ohio Office of Criminal Justice Services (OCJS)**, the agency responsible for administration of the Family Violence Prevention and Services Act and STOP Violence Against Women. They completed a needs assessment survey for 2008, however, the data collected are not immediately applicable to the format of this application. OCJS will be a partner in future discussions so that their knowledge of the needs of the targeted at-risk communities can be included in the planning to address needs and gaps in service. OCJS has just funded a home visiting initiative with Columbus Public Health federally funded Healthy Start Caring for 2 program referenced above..

The ACTION OHIO project is in partnership with Columbus Public Health and its Caring for 2 (Healthy Start) program. Caring for 2 is a voluntary home visiting program with an interdisciplinary team of care coordinators, nurses and social workers and a domestic violence advocate from ACTION OHIO. The focus is on working with African-American pregnant women and teens, and new moms to increase access to health care services and to improve birth outcomes. Safety planning and referral to community agencies are provided to all program participants. The program will encompass victim services and advocacy and community outreach activities. The project will also collaborate with schools, settlement houses, community health centers and community centers, as well as youth-serving organizations and existing youth programs aimed at stopping or preventing violence, including teen dating violence.

**The Ohio Head Start Collaboration Office** has been an active partner throughout the planning and needs assessment for this application. Their statewide needs assessment addresses other indicators than those required for this assessment. Plans are in place to continue to work with the Collaboration Office, the Ohio Head Start Association and the local agencies providing Head Start/Early Head Start home-based services in the targeted 31 counties to coordinate their needs assessment data for the Updated State Plan.

## SECTION 5: PROVIDE A NARRATIVE DESCRIPTION OF THE STATE'S CAPACITY FOR PROVIDING SUBSTANCE ABUSE TREATMENT AND COUNSELING SERVICES TO INDIVIDUALS/FAMILIES IN NEED OF THESE SERVICES WHO RESIDE IN COMMUNITIES IDENTIFIED AS BEING AT RISK.

### OVERVIEW

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The Ohio Department of Alcohol and Drug Addiction Services (ODADAS) oversees Ohio's publicly funded system for alcohol and other drug prevention and treatment services. The Department allocates federal and state funding to 50 county Alcohol, Drug Addiction and Mental Health Services (ADAMH) or Alcohol and Drug Addiction Services (ADAS) Boards. As local units of government, the Boards determine local needs, plan for services and monitor provider agencies (Ohio Revised Code (ORC) Section 340.033 and Chapter 3793). The boards contract with more than 371 agencies for the delivery of alcohol and other drug (AOD) prevention, treatment and recovery support services in more than 851 programs. Across the state, a full continuum of AOD services is provided, including prevention, intervention, treatment and aftercare/recovery support.

ODADAS provides funds for services proportionate to the prevalence of alcohol and other drug problems and to the need for alcohol and other drug treatment and prevention services. By statutory authority, each ADAMHS/ADAS Board determines how to allocate the funds to meet the community's needs. Many Boards also have local levy funds to use for alcohol and other drug prevention and treatment and recovery services.

### COMMUNITY BOARDS AND PROVIDERS

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Chapter 340 of the ORC governs the local planning ADAMHS and ADAS Boards effective October 10, 1989. Ohio Revised Code section 340.021 allowed for the ten largest (metropolitan) counties in the state to opt to become either a combined board by merging with the existing mental health board for that county (or counties) or to create a separate alcohol and other drug addiction board. Seven counties chose to develop separate boards. By the close of SFY 2009, three of these seven counties (Butler, Lorain, Mahoning) continue to maintain separate alcohol and other drug addiction boards. For the purposes of the OADAS SAPT Block Grant, these metropolitan counties (Butler, Cuyahoga, Franklin, Hamilton, Lorain, Lucas, Mahoning, Montgomery, Stark and Summit) make up sub-state planning area two while the other 78 Ohio counties comprise sub-state planning area one. The boards determine local needs, plan and contract for services and monitor local provider agencies (ORC Section 340.33 and Chapter 3793). Services range from primary prevention to acute hospital detoxification.

By statutory authority, each board determines how to spend allocated funds to best meet their community's needs. Within each community the respective Board determines the highest prevalence and greatest need. The state is divided into two regions. The first region is (Planning Area 1) comprised of 40 community Boards. The second region is (Planning Area 2) composed of the remaining 10 Boards

with the largest urban population. These Board areas account for 53 percent of Ohio's population, 62 percent of the state's drug arrests, 25 percent of DWI arrests (50 percent of DWI arrests were performed by the Ohio State Highway Patrol in undetermined counties) and 78 percent of Ohio's identified AIDS cases.

## COMMUNITY PLANNING

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Community Plans are the local ADAMHS/ADAS Board application for funding to ODADAS. The legislation which established ODADAS requires boards to make an application every two years. The Guidelines for SFY 2010 – 2011 were developed in collaboration with the Ohio Department of Mental Health. This is the first time that the two departments worked together to create a single community plan guidelines for county boards.

At the state level, community plans and updates are reviewed and synthesized to gather data on community needs, priorities, processes and activities to improve state and local planning and technical assistance for alcohol and other drug addiction services. Boards must identify in each Community Plan a description of progress and achievements in addressing priorities they outlined. The Department has begun implementation of an outcome framework that will assist ODADAS in ensuring that funds are used maximally for priority populations identified locally.

It is a statutory requirement for Boards to assess needs locally due to the home rule nature of the state. The Community Plan Guidelines require Boards to report on treatment, prevention and infrastructure needs. Boards in Community Plans are asked to develop and respond to local priorities and to report how these priorities were determined. Boards use a variety of methodologies such as community surveys, focus groups, community forums, administrative data, etc. in determining local needs and reflect this information in the community plan. Boards are required to achieve the most effective, efficient and accountable system possible that requires the availability of an information resource infrastructure that contributes to a rational planning and resource allocation process. Through the Department's allocation formula, boards are notified of funding levels for the coming state fiscal year. Boards identify in their Community Plan how they plan to expend based on local priorities and needs. Annually, Boards submit actual expenditures through the Department's Unified Financial Management System which captures unit service cost by service categories.

Site visits may be conducted and semi-annually reports are required from grantees which indicate the types of services, funded expenditures, ascertain activities and outcomes. These visits provide the Department with planning data to improve the quality and quantity of services.

## PREVENTION SERVICES - OVERVIEW

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Alcohol and other drug (AOD) prevention focuses on preventing the onset of AOD use, abuse and addiction. AOD prevention includes addressing problems associated with AOD use and abuse up to, but not including assessment and treatment for substance abuse and dependence. AOD prevention is a proactive multifaceted, multi- community sector process involving a continuum of culturally appropriate

prevention and intervention services which empowers individuals, families and communities to meet the challenges of life events and transitions by creating and reinforcing conditions that impact physical, social, emotional, spiritual, and cognitive well-being and promote safe and healthy behaviors and lifestyles. AOD prevention is a planned sequence of activities that, through the practice and application of evidence based prevention principles, policies, practices, strategies and programs, is intended to inform, educate, develop skills, alter risk behaviors, and/or provide referrals to other services.

Ohio survey data from the National Household Survey on Drug Use and Health has demonstrated success at delaying the onset of use of alcohol, marijuana and illegal drugs other the marijuana. The most recent available report demonstrates that Ohio is consistent with the nation in delaying the onset of first use of alcohol and surpasses the national rates for marijuana and other illegal drugs.

## TREATMENT & RECOVERY SERVICES

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Treatment and Recovery services are directed at Ohioans who are diagnosed with a substance use disorder or a gambling problem. Treatment programs including the treatment for offenders in the adult and juvenile justice systems are largely community based. ODADAS Operates and staffs a therapeutic community (TC) program (OASIS) at Pickaway Correctional Institution, a prison run by the Ohio Department of Rehabilitation and Corrections. Community-based treatment programs include, but may not be limited to:

- Women's gender specific services
- Adolescents
- Substance-Abuse/Mental Illness (SAMI)
- Problem gambling
- Treatment Alternatives to Street Crime (TASC)
- Drug Courts
- Therapeutic Communities
- HIV/AIDS Early Intervention
- House Bill 484, Ohio's response to Adoption and Safe Families Act
- Housing
- Treatment services are delivered across a continuum of care, from outpatient services through hospital detoxification.

Achievement: Client outcomes are measured at admission and discharge in accordance with the National Outcome Measures (NOMS) and document improvement as a result of treatment. Clients receiving treatment in Ohio's publicly funded system demonstrated increases in employment, stable housing, abstinence from drugs and alcohol and decrease in re-arrests from admission to treatment

completion. Furthermore, these changes were statistically significant for clients who remained in treatment for at least 60 days compared to clients who remained in treatment less than 60 days.

## SERVICE GAPS AND DUPLICATIONS

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SAMHSA's National Household Survey on Drug Use and Health (NSDUH) revealed that in 2008, 23.1 million persons aged 12 or older needed treatment for an illicit drug or alcohol use problem (9.2 percent of the persons aged 12 or older). Of these, 2.3 million (0.9 percent of persons aged 12 or older and 9.9 percent of those who needed treatment) received treatment at a specialty facility. Thus, 20.8 million persons (8.3 percent of the population aged 12 or older) needed treatment for an illicit drug or alcohol use problem but did not receive treatment at a specialty substance abuse facility in the past year. (<http://www.oas.samhsa.gov/nsduh/2k8nsduh/2k8Results.cfm#7.3>)

SAMHSA's NSDUH data for Ohio mirrors the national penetration rate. In 2007, the NSDUH survey estimated that 957,000 individuals demonstrated past year alcohol or illicit drug dependence or abuse (<http://www.oas.samhsa.gov/2k7State/Ohio.htm>). When compared to the number of individuals who received treatment in the publicly funded system (SFY 2007 = 99,314), this translates into approximately 1 in 10 Ohioans who needed treatment, received it.

The penetration rate in Ohio has remained fairly constant despite the fact that the publicly funded AOD system has seen continued growth in the number of clients served regardless of fiscal constraints and budgetary considerations. In the past four years the number of individuals served statewide has increased from 95,081 in SFY 2006 to 103,469 in SFY 2009.

There may be any number of contributing factors that help to explain how the number of individuals continues to increase from one fiscal year to the next, while funding remains fairly constant:

- Federal discretionary and other grants received across the state (E.g., Access To Recovery) are not included in the per capita board allocations;
- There may be an increase in the proportion of Medicaid clients;
- There may be a shift in services provided – i.e., an increase in number of clients receiving assessment only, or shorter lengths of stay;
- Realignment of local resources;
- More uncompensated care.

These are all reasonable hypotheses which would require fiscal and service analyses.

The several boards representing these 31 counties report priority issues in providing services to the community:

| <b>Top Priorities</b>                   | <b># of Boards reporting the issue</b> |
|---|--|
| Waiting List Issues                     | 14                                     |
| Access to Treatment                     | 14                                     |
| Staffing Issues                         | 13                                     |
| Limited or no Prevention                | 12                                     |
| Lack of Halfway housing/Services        | 12                                     |
| Lack of Transportation                  | 12                                     |
| Detoxification Services Needed          | 11                                     |
| Lack of Residential Funds/Services      | 11                                     |
| Limited number of Dual Service Programs | 11                                     |
| Services to minority populations        | 11                                     |

## SECTION 6: PROVIDE A NARRATIVE SUMMARY OF NEEDS ASSESSMENT RESULTS, INCLUDING A DISCUSSION OF HOW THE STATE WILL ADDRESS UNMET NEEDS.

### SUMMARY AND POLICY IMPLICATIONS

Every community – including those which on the whole do not appear at high risk - includes at-risk pregnant women and young children. Therefore, home visiting and other support services need to be available in all regions in order to serve those individuals. This principle applies to communities (e.g. Delaware County, Putnam County, Geauga County) that do not appear at high risk for any of the indicators.

In assessing which communities are at high relative risk, we consider it optimal to analyze both according to individual indicators and according to aggregated indicators. Assessment of individual indicators enables identification of specific needs in specific communities, and therefore can help target needed programs and track progress in them. In the current analyses, assessments of individual risk factors are available for each county and, for several factors, by demographic subpopulations (e.g., race-ethnicity, age, and insurance status).

Assessment of aggregated risk factors is also necessary to understand the *cumulative risk* faced by communities. The data indicate that 76 of 88 Ohio counties are at high risk (3<sup>rd</sup>-4<sup>th</sup> quartile) for at least one summary (composite) domain, suggesting that some substantial level of risk is widespread. *Thirty-seven (37) counties are at risk (3<sup>rd</sup>-4<sup>th</sup> quartile) for multiple indicators. These counties are identified in Table 28; they are concentrated in rural Appalachian and metropolitan regions.*

Of note, data for many risk factors are available at state and county levels but not for smaller geographic units. Therefore county level data are very useful in assessing risk. However, particularly for large heterogeneous counties, there are often subpopulations (e.g. city within a county) whose risk is markedly different from the rest of the county. Assessment of high risk communities should ideally take into account the number of people at risk, not only the aggregate ratings.

While most analyses focus on geographic units at relative risk, it is clear that communities are not only geographic units but also subpopulations. The data indicate that Blacks, Hispanics, Medicaid consumers, and those who are uninsured are at particular risk, and therefore regions with high populations of these groups can be considered at risk.

The results have several implications for policy and practice. First, the results recognize the diversity of challenges (and strengths) across the state. They provide an opportunity to tailor emphasis in different counties according to specific needs. They emphasize that risk (and strengths) in Ohio is widespread; but concentrations of particularly high risk communities are identified. Therefore, while home visiting and other effective support services are broadly needed, services may be targeted to address specific regional needs. This combined broad and targeted approach may both allow flexibility and facilitate progress. Second, programs that target high risk demographic subpopulations (e.g., Blacks, Hispanics, Medicaid consumers) are needed to reduce health disparities. Third, home visiting programs can

address specific goals (e.g., prevent child abuse/neglect, connect families to a medical home for the child, identify developmental delays) but are not alone able to address environmental threats such as crime and poverty. Therefore, coordination of home visiting services with other support services is likely to maximize the impact of all such services.

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#### SPECIFY COMMUNITIES AT RISK/DISCUSS THE BASIS FOR DECISIONS

As described in detail in Question #2, 31 counties with composite scores in the 3<sup>rd</sup>-4<sup>th</sup> quartile for 5 or more domains or in the 4<sup>th</sup> quartile for 3 or more domains were selected as those at greatest cumulative risk for poor health or social outcomes. Those counties are Adams, Allen, Ashtabula, Clark, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Erie, Fayette, Franklin, Gallia, Hamilton, Harrison, Jackson, Jefferson, Logan, Lucas, Mahoning, Marion, Meigs, Montgomery, Muskingum, Pike, Ross, Scioto, Stark, Summit, Trumbull, and Vinton. These include concentrations in rural Appalachian and metropolitan counties.

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#### ADDRESS GAPS

In preparing for the Updated State Plan, Ohio recognizes that there is additional work to do to identify all of the gaps in service and develop a strategy to address them. There are resources available to support that process. For example, the Agency for Healthcare Research and Quality recently published a manual that may be helpful to Ohio as we continue to improve our system of identifying families who are at risk for poor health and social outcomes and connecting them to services via home visiting programs. The new guide, Connecting Those at Risk to Care - A Guide to Building a Community “HUB” To Promote a System of Collaboration, Accountability, and Improved Outcomes, “describes current problems in serving at-risk populations and the implications of these challenges. It then lays out a step-by-step process interested organizations can use to develop the infrastructure within a local community to improve the quality, efficiency, and coordination of services. Wherever possible, this guide includes brief descriptions of initiatives that have built this type of infrastructure, along with links to related tools and resources.” The county Family and Children First Councils may find this resource particularly helpful as they continue to coordinate home visiting programs and services in their communities.

As another example of Ohio’s recent efforts to enhance coordination of services at the community level, the Director of the Early Childhood Cabinet and the First Lady hosted a meeting on July 29, 2010 with a small group of counties. The purpose was to discuss how Ohio ensures that as many families with infants and toddlers as possible are receiving high quality services and that we are meeting (and exceeding) federal compliance standards for both Part C and Early Head Start (EHS). The intent was to learn from them the opportunities and challenges they were facing as they were adding Early Head Start slots in their communities and implementing the new changes in the Help Me Grow (HMG) Program. Planning for the meeting was led by the Early Childhood Cabinet Director and included the Head Start Collaboration Office, the Department of Health, and the Department of Developmental Disabilities. They identified five counties for this initial conversation that had been particularly creative and innovative in the alignment of Early Head Start and Help Me Grow services. Representatives from the Early Head Start grantee, the Family and Children First Council (including the Help Me Grow project

directors) and the County Boards of Developmental Disabilities were invited, along with representatives from each of the Early Childhood Cabinet agencies.

Five questions were posed to the group:

1. What are the opportunities that you see between EHS and HMG?
2. What are the challenges that you see between EHS and HMG?
3. Has your local community developed a protocol or centralized way to pair families with the program that can best serve their needs?
4. What do you most want the state to know about the needs or gaps in services for children 0 – 3 in your community?
5. Are there state resources or tools that can be developed or explored to assist with the administration of EHS and HMG?

A preliminary analysis of the responses indicates that features of the operations in these five counties that seemed to make them effective included: co-locating services, shared leadership and administration, centralized/coordinated intake and referral, frequent communication among the various program administrators, strong Family and Children First Councils, etc. Ohio plans to have further discussion on how these best practices can be shared with other counties to improve the system statewide.

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#### HOW WILL THE STATE ADDRESS THESE NEEDS

To conduct this needs assessment, Ohio analyzed available data sources, surveyed existing home visiting programs, had more intentional discussions with partners focused specifically on home visiting as a primary strategy to address poor health and social outcomes, and listened to stakeholders about the supports necessary to enhance Ohio’s system of home visiting services.

This needs assessment points both to the need to improve the overall service delivery system and to increase the volume of home visiting service provided. Therefore, Ohio intends to submit an Updated State Plan once the Federal Funding Opportunity Announcement is made available.

As Ohio synthesized the information collected from the various components of the needs assessment, early indications point to the need to:

- Develop centralized intake systems
- Develop a unified data system across programs with common data elements for management, and coordinated referrals to the services that best address the needs of the family
- Support Family and Children First Councils in their role of fostering coordination of programs and services
- Enhance coordination and communication among and between agencies/providers at the community level (e.g., pediatricians, home visitors, public health professionals)

- Plan for long-term stable funding and pursue new funding opportunities/creative ideas for resource sharing
- Develop a robust quality assurance system that includes common language, common outcome measures, evaluations and shared researchers/evaluators/data
- Develop a strategy for training and technical assistance to build the skills & competencies of providers of home visiting services
- Cultivate public awareness of the availability of home visiting services and other early childhood investments
- Fully implement the recently established standards for Help Me Grow Home Visiting and to assure that those services are offered to families in greatest need

Ohio will capitalize on its structure of state and local level Family and Children First Councils as plans are developed to address the needs identified as a result of this assessment process. Ohio is well-positioned and has a prime opportunity to advance the coordination and expansion of home visiting services for families across the state.

**Data Sources for Indicators Listed in the "Other" Column**

| <u>Indicator</u>                          | <u>Data Source</u>   |
|---|--|
| Crime rate                                | Ohio Department of Public Safety   |
| Domestic Violence                         | The Supreme Court of Ohio and the Ohio Judicial System   |
| Unemployment rate                         | Bureau of Labor Statistics   |
| Alcohol use/binge drinking                | Ohio Family Health Survey  |
| Marijuana use                             | SAMHSA's National Household Survey on Drug Use and Health (NSDUH)  |
| Nonmedical use of prescription drugs      | SAMHSA's National Household Survey on Drug Use and Health (NSDUH)  |
| Use of illicit drugs, excluding marijuana | SAMHSA's National Household Survey on Drug Use and Health (NSDUH)  |
| Smoking                                   | Ohio Family Health Survey  |
| Child maltreatment<br>(abuse/neglect)     | Annie E. Casey Foundation<br>Ohio Department of Job and Family Services<br>FACSIS/SACWIS data<br>(as report by Public Children Services Association of Ohio) |
| School drop out rate                      | Annie E. Casey Foundation  |
| Children in foster care                   | Annie E. Casey Foundation  |
| Children with elevated lead               | Ohio Department of Health data   |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other*</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|---------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 12.8           | --           | --                | --  |               |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 8.7            | --           | --                | --  |               |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 5.15           | --           | --                | --  |               | # neonatal deaths/1000 live births             |
|  | 7.72           |              |                   |   |               | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 23.7           | --           |                   | --  |               | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 37.6          |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.12          | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 12.9           | --           | --                | --  |               | % mothers w/ less than 12 years of school      |
|  | 15.4           |              |                   |   | 14            | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>  | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other*</u> | <u>Comments</u>  |
|--|---|--------------|-------------------|---|---------------|--|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --  | --           |                   |   | 56.1          | % current drinker  |
|  |   |              |                   |   | 20.8          | Binge drinking   |
|  |   |              |                   |   | 7.37%         | % marijuana use in past month (age 12-17)                          |
|  |   |              |                   |   | 16.74%        | % marijuana use in past month (age 18-25)                          |
|  |   |              |                   |   | 4.07%         | % marijuana use in past month (age 26 and older)                   |
|  |   |              |                   |   | 7.56%         | % nonmedical use of pain relievers in past year (age 12-17)        |
|  |   |              |                   |   | 14.85%        | % nonmedical use of pain relievers in past year (age 18-25)        |
|  |   |              |                   |   | 3.61%         | % nonmedical use of pain relievers in past year (age 26 and older) |
| 4.48%  | % illicit drug use, excluding marijuana, in past month (age 12-17)        |              |                   |   |               |  |
| 8.25%  | % illicit drug use, excluding marijuana, in past month (age 18-25)        |              |                   |   |               |  |
| 2.48%  | % illicit drug use, excluding marijuana, in past month (age 26 and older) |              |                   |   |               |  |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other*</u>  | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce   | --             | --           |                   | --  | 9.7  |   |
| <u>Child maltreatment</u><br><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br><br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 35351  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 27826  | # physical abuse allegations                          |
|   |                |              |                   |   | 11785  | # sexual abuse allegations                            |
|   |                |              |                   |   | 2156   | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 13.4           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 37.2           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 24.2           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 29             |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 19.3           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 41.8           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 6.04           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 27.7   | % current smokers                                     |
|   |                |              |                   |   | 9.2  | % children in foster care                             |
|   |                |              |                   |   | 1.51   | % children w/ elevated lead levels                    |
|   | 0.36           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 12.5           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 8.8            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 5.23           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 6.97           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 46.8           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 24.5         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 4.6          | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 19.8           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 7              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>   | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|--|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --   | --           |                   |   | 22.3         | % current drinker   |
|  |  |              |                   |   | 13           | Binge drinking  |
|  |  |              |                   |   | 5.89%        | % marijuana use in past month (age 12-17)                                 |
|  |  |              |                   |   | 12.84%       | % marijuana use in past month (age 18-25)                                 |
|  |  |              |                   |   | 3.11%        | % marijuana use in past month (age 26 and older)                          |
|  |  |              |                   |   | 8.70%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |  |              |                   |   | 14.84%       | % nonmedical use of pain relievers in past year (age 18-25)               |
| 4.09%  | % nonmedical use of pain relievers in past year (age 26 and older) |              |                   |   |              |   |
|  |  |              |                   |   | 4.92%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |  |              |                   |   | 8.11%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |  |              |                   |   | 2.55%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --   | --           |                   | --  | 13.8         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 169  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 85   | # physical abuse allegations                          |
|   |                |              |                   |   | 35   | # sexual abuse allegations                            |
|   |                |              |                   |   | 5  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 12.9           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 55.5           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 25.1           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 23.9           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 35.5           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 41.6           |              |                   |   | % single women who delivered at least one baby                 |   |
|   | 6.06           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 44.5   | % current smokers                                     |
|   |                |              |                   |   | 16.6   | % children in foster care                             |
|   |                |              |                   |   | 0  | % children w/ elevated lead levels                    |
|   | 0              |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 11.7           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 8.4            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 4.23           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 7.29           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 18.9           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 54           |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.04         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 10.8           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 12             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 53.3         | % current drinker   |
|  |                |              |                   |   | 15.5         | Binge drinking  |
|  |                |              |                   |   | 6.54%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 14.72%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.17%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.97%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.63%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.93%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 5.10%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 9.30%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.75%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 10.2         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 217  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 166  | # physical abuse allegations                          |
|   |                |              |                   |   | 132  | # sexual abuse allegations                            |
|   |                |              |                   |   | 87   | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 14             |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 41.1           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 25.5           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 25             |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 25.4           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 49.1           |              |                   |   | % single women who delivered at least one baby                 |   |
|   | 5.85           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 32.6   | % current smokers                                     |
|   |                |              |                   |   | 9.2  | % children in foster care                             |
|   |                |              |                   |   | 1.17   | % children w/ elevated lead levels                    |
|   | 0.56           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 11.5           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 7.9            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 4.46           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 8.92           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 27.6           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 25.7         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.91         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 17.9           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 7              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 57.1         | % current drinker   |
|  |                |              |                   |   | 17.1         | Binge drinking  |
|  |                |              |                   |   | 7.06%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 15.52%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.53%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 8.44%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 15.83%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.57%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.76%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.49%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.30%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 12.6         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 497  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 290  | # physical abuse allegations                          |
|   |                |              |                   |   | 141  | # sexual abuse allegations                            |
|   |                |              |                   |   | 11   | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 16.3           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 41.4           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 22.2           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 36.1           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 29.4           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 44.8           |              |                   |   | % single women who delivered at least one baby                 |   |
|   | 5.48           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 30.4   | % current smokers                                     |
|   |                |              |                   |   | 8.4  | % children in foster care                             |
|   |                |              |                   |   | 1.11   | % children w/ elevated lead levels                    |
|   | 0.79           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 13.3           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 8.9            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 3.63           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 5.99           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 23.6           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 47.2         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 5.44         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 16.3           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 16             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>   | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|--|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --   | --           |                   |   | 52           | % current drinker   |
|  |  |              |                   |   | 22.6         | Binge drinking  |
|  |  |              |                   |   | 7.61%        | % marijuana use in past month (age 12-17)                                 |
|  |  |              |                   |   | 16.83%       | % marijuana use in past month (age 18-25)                                 |
|  |  |              |                   |   | 3.98%        | % marijuana use in past month (age 26 and older)                          |
|  |  |              |                   |   | 8.21%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |  |              |                   |   | 16.31%       | % nonmedical use of pain relievers in past year (age 18-25)               |
| 3.71%  | % nonmedical use of pain relievers in past year (age 26 and older) |              |                   |   |              |   |
|  |  |              |                   |   | 4.68%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |  |              |                   |   | 8.45%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |  |              |                   |   | 2.63%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --   | --           |                   | --  | 9.9          |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br><br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 294  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 300  | # physical abuse allegations                          |
|   |                |              |                   |   | 170  | # sexual abuse allegations                            |
|   |                |              |                   |   | 10   | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 15.2           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 42.9           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 13.9           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 35.9           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 25.9           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 53             |              |                   |   | % single women who delivered at least one baby                 |   |
|   | 5.06           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 39.2   | % current smokers                                     |
|   |                |              |                   |   | 8.6  | % children in foster care                             |
|   |                |              |                   |   | 1.56   | % children w/ elevated lead levels                    |
|   | 0.2            |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 14.2           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.3            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 5.95           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 8.93           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 35.5           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 22           |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 3.8          | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 11.8           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 6              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>  | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>  |
|--|---|--------------|-------------------|---|--------------|--|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --  | --           |                   |   | 42.1         | % current drinker  |
|  |   |              |                   |   | 22.5         | Binge drinking   |
|  |   |              |                   |   | 7.78%        | % marijuana use in past month (age 12-17)                          |
|  |   |              |                   |   | 16.86%       | % marijuana use in past month (age 18-25)                          |
|  |   |              |                   |   | 3.62%        | % marijuana use in past month (age 26 and older)                   |
|  |   |              |                   |   | 8.32%        | % nonmedical use of pain relievers in past year (age 12-17)        |
|  |   |              |                   |   | 14.71%       | % nonmedical use of pain relievers in past year (age 18-25)        |
|  |   |              |                   |   | 3.91%        | % nonmedical use of pain relievers in past year (age 26 and older) |
|  |   |              |                   |   | 4.44%        | % illicit drug use, excluding marijuana, in past month (age 12-17) |
| 8.16%  | % illicit drug use, excluding marijuana, in past month (age 18-25)        |              |                   |   |              |  |
| 2.26%  | % illicit drug use, excluding marijuana, in past month (age 26 and older) |              |                   |   |              |  |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --  | --           |                   | --  | 13.9         |  |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 155  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 93   | # physical abuse allegations                          |
|   |                |              |                   |   | 60   | # sexual abuse allegations                            |
|   |                |              |                   |   | 0  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 14.2           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 39.7           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 35.8           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 23.1           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 29.7           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 41.8           |              |                   |   | % single women who delivered at least one baby                 |   |
|   | 5.92           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 43.4   | % current smokers                                     |
|   |                |              |                   |   | 6.4  | % children in foster care                             |
|   |                |              |                   |   | 0.89   | % children w/ elevated lead levels                    |
|   | 0.36           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 11.7           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 7.5            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 3.59           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 6.35           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 39.3           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 13.7         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.98         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 10.9           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 5              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 44.4         | % current drinker   |
|  |                |              |                   |   | 22.3         | Binge drinking  |
|  |                |              |                   |   | 5.23%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 11.98%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 2.70%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.64%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.31%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.50%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.47%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 7.29%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.17%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 12.5         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br><br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 196  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 194  | # physical abuse allegations                          |
|   |                |              |                   |   | 115  | # sexual abuse allegations                            |
|   |                |              |                   |   | 3  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 15.7           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 46.7           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 23.8           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 29.1           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 29.7           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 41.7           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 4.4            |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 35.2   | % current smokers                                     |
|   |                |              |                   |   | 10   | % children in foster care                             |
|   |                |              |                   |   | 3.56   | % children w/ elevated lead levels                    |
|   | 0.64           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |
|   |                |              |                   |   |  |   |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 11.8           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 7.4            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 3.79           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 9.09           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 16.9           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 22.5         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.57         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 25             | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 6              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 47.3         | % current drinker   |
|  |                |              |                   |   | 22.2         | Binge drinking  |
|  |                |              |                   |   | 6.35%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 17.17%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.88%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 8.46%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.06%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.81%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 12.3         |   |
|  |                |              |                   |   | 4.69%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.63%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.51%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 74   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 61   | # physical abuse allegations                          |
|   |                |              |                   |   | 45   | # sexual abuse allegations                            |
|   |                |              |                   |   | 16   | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 14.8           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 38.1           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 25.6           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 23.8           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 25.9           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 38.1           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 5.28           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 26.9   | % current smokers                                     |
|   |                |              |                   |   | 3.8  | % children in foster care                             |
|   |                |              |                   |   | 1.34   | % children w/ elevated lead levels                    |
|   | 0.63           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 11.7           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 7.1            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 5.43           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 8.82           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 17.6           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 26.8         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 3.88         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 12             | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 10             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 44.6         | % current drinker   |
|  |                |              |                   |   | 20.2         | Binge drinking  |
|  |                |              |                   |   | 7.10%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 14.58%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.40%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.35%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 15.18%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.64%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.47%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 9.17%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.53%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 13.2         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 131  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 71   | # physical abuse allegations                          |
|   |                |              |                   |   | 63   | # sexual abuse allegations                            |
|   |                |              |                   |   | 1  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 13.3           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 48.6           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 18.3           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 24.5           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 32.4           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 44.8           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 9.41           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 30.5   | % current smokers                                     |
|   |                |              |                   |   | 11.2   | % children in foster care                             |
|   |                |              |                   |   | 2.77   | % children w/ elevated lead levels                    |
|   | 0.53           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 14.7           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 10.5           | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 6.89           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 10.02          |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 26             | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 40.9         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 0.43         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 12.8           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 18             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 63.3         | % current drinker   |
|  |                |              |                   |   | 22.6         | Binge drinking  |
|  |                |              |                   |   | 7.56%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 19.25%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 4.65%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 6.31%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 13.78%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 2.97%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.30%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 6.89%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.17%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 8.5          |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 6060   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 4047   | # physical abuse allegations                          |
|   |                |              |                   |   | 1249   | # sexual abuse allegations                            |
|   |                |              |                   |   | 10   | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 13.2           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 32.6           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 21.8           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 32.9           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 13.7           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 49.7           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 7.06           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 26.5   | % current smokers                                     |
|   |                |              |                   |   | 10.8   | % children in foster care                             |
|   |                |              |                   |   | 4.65   | % children w/ elevated lead levels                    |
|   | 0.39           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 12.9           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 8.6            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 3.53           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 7.83           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 18.6           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 37.1         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.44         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 10.7           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 10             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 60.5         | % current drinker   |
|  |                |              |                   |   | 26.4         | Binge drinking  |
|  |                |              |                   |   | 7.06%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 16.82%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.89%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.58%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.87%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.72%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.71%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 9.63%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.63%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 9.5          |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 265  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 111  | # physical abuse allegations                          |
|   |                |              |                   |   | 104  | # sexual abuse allegations                            |
|   |                |              |                   |   | 4  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 12.5           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 40.5           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 27             |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 25.6           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 24.8           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 48.3           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 10.08          |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 28.9   | % current smokers                                     |
|   |                |              |                   |   | 11.6   | % children in foster care                             |
|   |                |              |                   |   | 1.98   | % children w/ elevated lead levels                    |
|   | 0.32           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 13.6           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 7.7            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 5.05           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 5.05           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 44             | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 39.1         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.62         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 14.4           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 7              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>   | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|--|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --   | --           |                   |   | 37.5         | % current drinker   |
|  |  |              |                   |   | 20.8         | Binge drinking  |
|  |  |              |                   |   | 5.89%        | % marijuana use in past month (age 12-17)                                 |
|  |  |              |                   |   | 12.84%       | % marijuana use in past month (age 18-25)                                 |
|  |  |              |                   |   | 3.11%        | % marijuana use in past month (age 26 and older)                          |
|  |  |              |                   |   | 8.70%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |  |              |                   |   | 14.84%       | % nonmedical use of pain relievers in past year (age 18-25)               |
| 4.09%  | % nonmedical use of pain relievers in past year (age 26 and older) |              |                   |   |              |   |
|  |  |              |                   |   | 4.92%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |  |              |                   |   | 8.11%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |  |              |                   |   | 2.55%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --   | --           |                   | --  | 11.7         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 107  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 68   | # physical abuse allegations                          |
|   |                |              |                   |   | 36   | # sexual abuse allegations                            |
|   |                |              |                   |   | 2  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 13.8           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 40             |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 28.3           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 24.6           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 31             |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 49.3           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 11.64          |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 28.1   | % current smokers                                     |
|   |                |              |                   |   | 13.3   | % children in foster care                             |
|   |                |              |                   |   | 0.59   | % children w/ elevated lead levels                    |
|   | 1.14           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 13.4           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.6            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 6.03           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 8.68           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 23.7           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 58.7         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.71         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 16.1           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 23             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>   | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|--|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --   | --           |                   |   | 56.6         | % current drinker   |
|  |  |              |                   |   | 20.8         | Binge drinking  |
|  |  |              |                   |   | 8.26%        | % marijuana use in past month (age 12-17)                                 |
|  |  |              |                   |   | 20.79%       | % marijuana use in past month (age 18-25)                                 |
|  |  |              |                   |   | 5.67%        | % marijuana use in past month (age 26 and older)                          |
|  |  |              |                   |   | 8.01%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |  |              |                   |   | 17.03%       | % nonmedical use of pain relievers in past year (age 18-25)               |
| 4.55%  | % nonmedical use of pain relievers in past year (age 26 and older) |              |                   |   |              |   |
|  |  |              |                   |   | 4.51%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |  |              |                   |   | 8.16%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |  |              |                   |   | 3.15%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --   | --           |                   | --  | 8.2          |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 3932   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 3914   | # physical abuse allegations                          |
|   |                |              |                   |   | 1537   | # sexual abuse allegations                            |
|   |                |              |                   |   | 73   | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 15             |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 35.8           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 23.3           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 33.5           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 15.3           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 43.9           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 7.13           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 25.3   | % current smokers                                     |
|   |                |              |                   |   | 12.8   | % children in foster care                             |
|   |                |              |                   |   | 0.49   | % children w/ elevated lead levels                    |
|   | 0.34           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 14.7           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 10.4           | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 4.82           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 6.43           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 40.8           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 40.8         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.46         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 23.1           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 5              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 37.5         | % current drinker   |
|  |                |              |                   |   | 24.4         | Binge drinking  |
|  |                |              |                   |   | 5.89%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 12.84%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.11%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 8.70%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.84%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 4.09%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.92%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.11%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.55%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 9.5          |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 79   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 39   | # physical abuse allegations                          |
|   |                |              |                   |   | 16   | # sexual abuse allegations                            |
|   |                |              |                   |   | 2  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 14.6           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 54.9           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 22.4           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 29             |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 25.3           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 38.3           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 7.18           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 40.4   | % current smokers                                     |
|   |                |              |                   |   | 10.1   | % children in foster care                             |
|   |                |              |                   |   | 0.59   | % children w/ elevated lead levels                    |
|   | 0.92           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 14.6           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 10.3           | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 7.53           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 10.59          |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 27.2           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 48.9         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.21         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 15.2           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 14             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 59.9         | % current drinker   |
|  |                |              |                   |   | 22.4         | Binge drinking  |
|  |                |              |                   |   | 9.60%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 19.03%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 5.39%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 6.98%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 13.74%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.13%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.29%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.71%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.64%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 8.9          |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 1575   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 3109   | # physical abuse allegations                          |
|   |                |              |                   |   | 764  | # sexual abuse allegations                            |
|   |                |              |                   |   | 9  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 13.2           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 37.6           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 29.8           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 36.9           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 15.5           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 50.7           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 6.81           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 23.4   | % current smokers                                     |
|   |                |              |                   |   | 10.3   | % children in foster care                             |
|   |                |              |                   |   | 1.54   | % children w/ elevated lead levels                    |
|   | 0.29           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 12.8           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 7.5            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 1.83           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 9.17           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 43.2           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 17.9         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.6          | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 16             | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 4              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 36           | % current drinker   |
|  |                |              |                   |   | 19.8         | Binge drinking  |
|  |                |              |                   |   | 5.23%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 11.98%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 2.70%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.64%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.31%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.50%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.47%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 7.29%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.17%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 11.2         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 32   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 12   | # physical abuse allegations                          |
|   |                |              |                   |   | 7  | # sexual abuse allegations                            |
|   |                |              |                   |   | 0  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 17.2           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 53.7           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 24.6           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 35             |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 33.8           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 41.5           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 7.29           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 26.4   | % current smokers                                     |
|   |                |              |                   |   | 10.2   | % children in foster care                             |
|   |                |              |                   |   | 2.21   | % children w/ elevated lead levels                    |
|   | 0              |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 15.7           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.5            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 4.61           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 8.45           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 43.3           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 21.4         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.25         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 19.3           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 8              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 35.4         | % current drinker   |
|  |                |              |                   |   | 18.1         | Binge drinking  |
|  |                |              |                   |   | 5.89%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 12.84%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.11%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 8.70%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.84%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 4.09%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.92%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.11%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.55%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 10.5         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 101  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 50   | # physical abuse allegations                          |
|   |                |              |                   |   | 71   | # sexual abuse allegations                            |
|   |                |              |                   |   | 7  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 13.5           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 60.1           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 22.7           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 29.4           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 27.2           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 40.2           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 3.83           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 29.5   | % current smokers                                     |
|   |                |              |                   |   | 9  | % children in foster care                             |
|   |                |              |                   |   | 0.6  | % children w/ elevated lead levels                    |
|   | 0.82           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 11.9           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 7.9            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 5.5            | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 8.25           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 35.4           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 28.6         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.37         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 10.6           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 5              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 49.2         | % current drinker   |
|  |                |              |                   |   | 25.3         | Binge drinking  |
|  |                |              |                   |   | 5.23%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 11.98%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 2.70%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.64%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.31%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.50%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.47%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 7.29%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.17%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 12.7         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 128  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 123  | # physical abuse allegations                          |
|   |                |              |                   |   | 49   | # sexual abuse allegations                            |
|   |                |              |                   |   | 28   | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 17.1           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 56.3           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 25             |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 34.8           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 31             |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 45.3           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 2.74           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 40.4   | % current smokers                                     |
|   |                |              |                   |   | 9.8  | % children in foster care                             |
|   |                |              |                   |   | 2.09   | % children w/ elevated lead levels                    |
|   | 0.4            |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 12.4           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 8              | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 3.15           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 6.82           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 23.4           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 26.9         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 7.93         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 13.3           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 7              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 51.4         | % current drinker   |
|  |                |              |                   |   | 18.8         | Binge drinking  |
|  |                |              |                   |   | 6.54%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 14.72%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.17%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.97%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.63%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.93%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 11.2         |   |
|  |                |              |                   |   | 5.10%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 9.30%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.75%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 44   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 61   | # physical abuse allegations                          |
|   |                |              |                   |   | 42   | # sexual abuse allegations                            |
|   |                |              |                   |   | 4  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 14.5           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 42.1           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 25.7           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 24.8           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 28.5           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 36.8           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 5.22           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 36.3   | % current smokers                                     |
|   |                |              |                   |   | 2.2  | % children in foster care                             |
|   |                |              |                   |   | 0.95   | % children w/ elevated lead levels                    |
|   | 0.81           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 12.6           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.4            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 5.7            | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 8.16           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 25.7           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 64.4         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.68         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 15             | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 21             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 57.4         | % current drinker   |
|  |                |              |                   |   | 22.3         | Binge drinking  |
|  |                |              |                   |   | 8.12%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 18.27%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 5.20%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.53%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 13.21%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.21%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.17%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 7.32%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.27%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 11.3         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 1978   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 2254   | # physical abuse allegations                          |
|   |                |              |                   |   | 644  | # sexual abuse allegations                            |
|   |                |              |                   |   | 50   | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 15.5           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 41.4           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 23.6           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 29.9           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 19.7           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 52             |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 6.75           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 29.8   | % current smokers                                     |
|   |                |              |                   |   | 16.1   | % children in foster care                             |
|   |                |              |                   |   | 2.56   | % children w/ elevated lead levels                    |
|   | 0.41           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 14.6           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 10.3           | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 5.32           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 7.47           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 31.7           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 43.8         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 3.12         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 10.6           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 11             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>   | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|--|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --   | --           |                   |   | 56.8         | % current drinker   |
|  |  |              |                   |   | 19.8         | Binge drinking  |
|  |  |              |                   |   | 7.35%        | % marijuana use in past month (age 12-17)                                 |
|  |  |              |                   |   | 15.94%       | % marijuana use in past month (age 18-25)                                 |
|  |  |              |                   |   | 3.61%        | % marijuana use in past month (age 26 and older)                          |
|  |  |              |                   |   | 7.62%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |  |              |                   |   | 14.91%       | % nonmedical use of pain relievers in past year (age 18-25)               |
| 3.43%  | % nonmedical use of pain relievers in past year (age 26 and older) |              |                   |   |              |   |
|  |  |              |                   |   | 4.49%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |  |              |                   |   | 8.64%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |  |              |                   |   | 2.38%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --   | --           |                   | --  | 11.8         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 663  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 430  | # physical abuse allegations                          |
|   |                |              |                   |   | 205  | # sexual abuse allegations                            |
|   |                |              |                   |   | 7  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 12.6           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 48.9           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 20.6           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 33.3           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 20.5           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 49.6           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 4.66           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 25.7   | % current smokers                                     |
|   |                |              |                   |   | 7.4  | % children in foster care                             |
|   |                |              |                   |   | 2.07   | % children w/ elevated lead levels                    |
|   | 0.55           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 12.7           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9              | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 3.73           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 6.21           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 21.8           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 42           |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.83         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 14.5           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 17             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 39.6         | % current drinker   |
|  |                |              |                   |   | 16.5         | Binge drinking  |
|  |                |              |                   |   | 7.10%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 14.58%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.40%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.35%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 15.18%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.64%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.47%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 9.17%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.53%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 10.2         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 362  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 159  | # physical abuse allegations                          |
|   |                |              |                   |   | 118  | # sexual abuse allegations                            |
|   |                |              |                   |   | 4  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 14.3           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 50.6           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 14.7           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 30.9           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 32             |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 49.9           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 4.53           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 39.8   | % current smokers                                     |
|   |                |              |                   |   | 5.6  | % children in foster care                             |
|   |                |              |                   |   | 1.39   | % children w/ elevated lead levels                    |
|   | 0.37           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 14.2           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.5            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 7.46           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 9.95           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 42.4           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 21.4         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.29         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 15             | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 11             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 28.7         | % current drinker   |
|  |                |              |                   |   | 14.5         | Binge drinking  |
|  |                |              |                   |   | 5.89%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 12.84%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.11%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 8.70%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.84%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 4.09%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.92%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.11%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.55%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 15.2         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 75   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 81   | # physical abuse allegations                          |
|   |                |              |                   |   | 18   | # sexual abuse allegations                            |
|   |                |              |                   |   | 0  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 14.2           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 54.1           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 22.3           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 21.9           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 33.1           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 45.9           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 9.85           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 41.6   | % current smokers                                     |
|   |                |              |                   |   | 9  | % children in foster care                             |
|   |                |              |                   |   | 0  | % children w/ elevated lead levels                    |
|   | 0.79           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 12.4           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 8.8            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 4.34           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 7.53           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 29             | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 44           |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 3.21         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 13.8           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 9              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 54.9         | % current drinker   |
|  |                |              |                   |   | 19.6         | Binge drinking  |
|  |                |              |                   |   | 8.06%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 18.18%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 4.39%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 8.80%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 17.74%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.87%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.68%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 9.06%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.84%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 11           |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 1891   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 1095   | # physical abuse allegations                          |
|   |                |              |                   |   | 349  | # sexual abuse allegations                            |
|   |                |              |                   |   | 481  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 12.5           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 33.5           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 29.3           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 25.4           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 17.9           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 49.2           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 7.79           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 27.9   | % current smokers                                     |
|   |                |              |                   |   | 10.1   | % children in foster care                             |
|   |                |              |                   |   | 0.74   | % children w/ elevated lead levels                    |
|   | 0.29           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 15.9           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.6            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 4.78           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 7.48           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 49             | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 38.1         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.39         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 12.5           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 5              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>   | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|--|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --   | --           |                   |   | 44.6         | % current drinker   |
|  |  |              |                   |   | 18.5         | Binge drinking  |
|  |  |              |                   |   | 6.35%        | % marijuana use in past month (age 12-17)                                 |
|  |  |              |                   |   | 17.17%       | % marijuana use in past month (age 18-25)                                 |
|  |  |              |                   |   | 3.88%        | % marijuana use in past month (age 26 and older)                          |
|  |  |              |                   |   | 8.46%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |  |              |                   |   | 14.06%       | % nonmedical use of pain relievers in past year (age 18-25)               |
| 3.81%  | % nonmedical use of pain relievers in past year (age 26 and older) |              |                   |   |              |   |
|  |  |              |                   |   | 4.69%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |  |              |                   |   | 8.63%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |  |              |                   |   | 2.51%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --   | --           |                   | --  | 11.9         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 457  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 118  | # physical abuse allegations                          |
|   |                |              |                   |   | 132  | # sexual abuse allegations                            |
|   |                |              |                   |   | 9  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 15.8           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 50.4           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 30.7           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 21.3           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 27.1           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 47.5           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 3.58           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 33.1   | % current smokers                                     |
|   |                |              |                   |   | 14.5   | % children in foster care                             |
|   |                |              |                   |   | 0.75   | % children w/ elevated lead levels                    |
|   | 0.46           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 14.8           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.2            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 3.39           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 7.63           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 40.2           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 17.5         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.72         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 20.3           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 9              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>   | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|--|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --   | --           |                   |   | 36.4         | % current drinker   |
|  |  |              |                   |   | 16.8         | Binge drinking  |
|  |  |              |                   |   | 5.89%        | % marijuana use in past month (age 12-17)                                 |
|  |  |              |                   |   | 12.84%       | % marijuana use in past month (age 18-25)                                 |
|  |  |              |                   |   | 3.11%        | % marijuana use in past month (age 26 and older)                          |
|  |  |              |                   |   | 8.70%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |  |              |                   |   | 14.84%       | % nonmedical use of pain relievers in past year (age 18-25)               |
| 4.09%  | % nonmedical use of pain relievers in past year (age 26 and older) |              |                   |   |              |   |
|  |  |              |                   |   | 4.92%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |  |              |                   |   | 8.11%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |  |              |                   |   | 2.55%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --   | --           |                   | --  | 14.7         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 116  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 34   | # physical abuse allegations                          |
|   |                |              |                   |   | 24   | # sexual abuse allegations                            |
|   |                |              |                   |   | 0  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 17.2           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 57.2           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 23.2           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 26.8           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 30.1           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 46.6           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 4.22           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 33.8   | % current smokers                                     |
|   |                |              |                   |   | 8.9  | % children in foster care                             |
|   |                |              |                   |   | 1.04   | % children w/ elevated lead levels                    |
|   | 0              |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 13.9           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.2            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 3.55           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 6.03           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 31.9           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 56.5         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.86         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 13             | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 8              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u>   | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|--|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --   | --           |                   |   | 45.3         | % current drinker   |
|  |  |              |                   |   | 15.7         | Binge drinking  |
|  |  |              |                   |   | 5.89%        | % marijuana use in past month (age 12-17)                                 |
|  |  |              |                   |   | 12.84%       | % marijuana use in past month (age 18-25)                                 |
|  |  |              |                   |   | 3.11%        | % marijuana use in past month (age 26 and older)                          |
|  |  |              |                   |   | 8.70%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |  |              |                   |   | 14.84%       | % nonmedical use of pain relievers in past year (age 18-25)               |
| 4.09%  | % nonmedical use of pain relievers in past year (age 26 and older) |              |                   |   |              |   |
|  |  |              |                   |   | 4.92%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |  |              |                   |   | 8.11%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |  |              |                   |   | 2.55%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --   | --           |                   | --  | 11.5         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 157  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 247  | # physical abuse allegations                          |
|   |                |              |                   |   | 88   | # sexual abuse allegations                            |
|   |                |              |                   |   | 6  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 14.5           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 51.2           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 23.8           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 27             |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 29.9           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 45.9           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 5.29           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 35.2   | % current smokers                                     |
|   |                |              |                   |   | 10.7   | % children in foster care                             |
|   |                |              |                   |   | 0.9  | % children w/ elevated lead levels                    |
|   | 0.16           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 16             | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.9            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 7.27           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 9.26           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 46.3           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 57.4         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 2.38         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 15.7           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 4              |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 33.5         | % current drinker   |
|  |                |              |                   |   | 14.9         | Binge drinking  |
|  |                |              |                   |   | 5.89%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 12.84%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.11%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 8.70%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.84%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 4.09%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.92%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.11%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.55%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 12.1         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 307  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 125  | # physical abuse allegations                          |
|   |                |              |                   |   | 81   | # sexual abuse allegations                            |
|   |                |              |                   |   | 2  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 16.2           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 56.9           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 22.8           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 28.5           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 29.7           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 45.8           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 7.22           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 40.6   | % current smokers                                     |
|   |                |              |                   |   | 10.4   | % children in foster care                             |
|   |                |              |                   |   | 0  | % children w/ elevated lead levels                    |
|   | 0.67           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 12.7           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9.5            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 5.34           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 7.56           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 25.1           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 38.9         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 0.43         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 10             | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 11             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 58.4         | % current drinker   |
|  |                |              |                   |   | 20           | Binge drinking  |
|  |                |              |                   |   | 7.35%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 15.94%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.61%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 7.62%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.91%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.43%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.49%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.64%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.38%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 11           |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>  |   |
|---|----------------|--------------|-------------------|---|--------------|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 1156         | # neglect (including medical neglect) allegations              |   |
|   |                |              |                   |   | 503          | # physical abuse allegations                                   |   |
|   |                |              |                   |   | 287          | # sexual abuse allegations                                     |   |
|   |                |              |                   |   | 31           | # emotional abuse allegations                                  |   |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 12.8           |              |                   | --  |              | % of mothers w/ birth spacing < 18 months                      |   |
|   | 41.7           |              |                   |   |              | % of women not intending to breastfeed their infants           |   |
|   | 23.1           |              |                   |   |              | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 26.4           |              |                   |   |              | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 20.5           |              |                   |   |              | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 42.9           |              |                   |   |              | % single women who delivered at least 1 baby                   |   |
|   | 6.33           |              |                   |   |              | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   |              | 28.7   | % current smokers                                     |
|   |                |              |                   |   |              | 11.9   | % children in foster care                             |
|   |                |              |                   |   |              | 1.14   | % children w/ elevated lead levels                    |
|   | 0.49           |              |                   |   |              |  | Child mortality (% children age 1-8 who are deceased) |
|   |                |              |                   |   |              |  |   |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 13             | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 8.6            | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 4.94           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 7.13           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 28.3           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 40.8         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.84         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 8.8            | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 16             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 59.2         | % current drinker   |
|  |                |              |                   |   | 21.2         | Binge drinking  |
|  |                |              |                   |   | 8.34%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 15.28%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 4.54%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 6.79%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 12.28%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.31%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.18%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 7.68%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.26%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 9.6          |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 1930   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 1288   | # physical abuse allegations                          |
|   |                |              |                   |   | 484  | # sexual abuse allegations                            |
|   |                |              |                   |   | 191  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 12.6           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 34.2           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 24.7           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 27.2           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 18.2           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 40.8           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 6.37           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 29.7   | % current smokers                                     |
|   |                |              |                   |   | 15.4   | % children in foster care                             |
|   |                |              |                   |   | 0.43   | % children w/ elevated lead levels                    |
|   | 0.27           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 11.7           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 9              | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 4.31           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 7.78           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 22.4           | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 34.3         |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 1.62         | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 15.9           | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 10             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 52.3         | % current drinker   |
|  |                |              |                   |   | 19.3         | Binge drinking  |
|  |                |              |                   |   | 7.06%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 15.52%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.53%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 8.44%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 15.83%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.57%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.76%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.49%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.30%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 13.5         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 136  | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 320  | # physical abuse allegations                          |
|   |                |              |                   |   | 243  | # sexual abuse allegations                            |
|   |                |              |                   |   | 0  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 15.2           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 43.3           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 21.1           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 33.5           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 26.7           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 47             |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 6.76           |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 32.6   | % current smokers                                     |
|   |                |              |                   |   | 5.8  | % children in foster care                             |
|   |                |              |                   |   | 0.76   | % children w/ elevated lead levels                    |
|   | 0.47           |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>                                |
|--|----------------|--------------|-------------------|---|--------------|--|
| <u>Premature birth</u><br>- Percent: # live births before 37 weeks/total # live births                               | 18.6           | --           | --                | --  |              |  |
| <u>Low birth-weight infants</u><br>- Percent: # resident live births less than 2500 grams/# resident live births     | 10.1           | --           | --                | --  |              |  |
| <u>Infant mortality (includes death due to neglect)</u><br>- # infant deaths ages 0-1/1000 live births               | 3.74           | --           | --                | --  |              | # neonatal deaths/1000 live births             |
|  | 9.35           |              |                   |   |              | Infant mortality rate                          |
| <u>Poverty</u><br>- # residents below 100% FPL/total # residents   | 29             | --           |                   | --  |              | % children <100% FPL                           |
| <u>Crime</u><br>- # reported crimes/1000 residents<br>- # crime arrests ages 0-19/100,000 juveniles age 0-19         | --             | --           | --                | --  | 39           |  |
| <u>Domestic violence</u><br>- As determined by each State in conjunction with the State agencies administering FVPSA | --             | --           |                   | --  | 32.16        | Domestic violence/1000 residents               |
| <u>School drop-out rates</u><br>- Percent high school drop-outs grades 9-12  | 19             | --           | --                | --  |              | % mothers w/ less than 12 years of school      |
|  | 10             |              |                   |   |              | % of residents w/ less than 12 years of school |

| <u>Indicator</u>   | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u> | <u>Comments</u>   |
|--|----------------|--------------|-------------------|---|--------------|---|
| <u>Substance abuse</u><br>- Prevalence rate: Binge alcohol use in the past month<br>- Prevalence rate: Marijuana use in past month<br>- Prevalence rate: Nonmedical use of prescription drugs in past month<br>Prevalence rate: Use of illicit drugs, excluding marijuana, in past month | --             | --           |                   |   | 29.1         | % current drinker   |
|  |                |              |                   |   | 17.7         | Binge drinking  |
|  |                |              |                   |   | 6.35%        | % marijuana use in past month (age 12-17)                                 |
|  |                |              |                   |   | 17.17%       | % marijuana use in past month (age 18-25)                                 |
|  |                |              |                   |   | 3.88%        | % marijuana use in past month (age 26 and older)                          |
|  |                |              |                   |   | 8.46%        | % nonmedical use of pain relievers in past year (age 12-17)               |
|  |                |              |                   |   | 14.06%       | % nonmedical use of pain relievers in past year (age 18-25)               |
|  |                |              |                   |   | 3.81%        | % nonmedical use of pain relievers in past year (age 26 and older)        |
|  |                |              |                   |   | 4.69%        | % illicit drug use, excluding marijuana, in past month (age 12-17)        |
|  |                |              |                   |   | 8.63%        | % illicit drug use, excluding marijuana, in past month (age 18-25)        |
|  |                |              |                   |   | 2.51%        | % illicit drug use, excluding marijuana, in past month (age 26 and older) |
| <u>Unemployment</u><br>- Percent: # unemployed and seeking work/total workforce  | --             | --           |                   | --  | 11.3         |   |

| <u>Indicator</u>  | <u>Title V</u> | <u>CAPTA</u> | <u>Head Start</u> | <u>SAMHSA Sub-State Treatment Planning Data Reports</u> | <u>Other</u>   | <u>Comments</u>                                       |
|---|----------------|--------------|-------------------|---|--|---|
| <u>Child maltreatment</u><br>- Rate of reported substantiated maltreatment (substantiated/indicated/alt response victim)<br>- Rate of reported substantiated maltreatment by type | --             |              |                   | --  | 42   | # neglect (including medical neglect) allegations     |
|   |                |              |                   |   | 14   | # physical abuse allegations                          |
|   |                |              |                   |   | 13   | # sexual abuse allegations                            |
|   |                |              |                   |   | 4  | # emotional abuse allegations                         |
| <u>Other indicators of at risk prenatal, maternal, newborn, or child health</u><br>- As available   | 12.9           |              |                   | --  |  | % of mothers w/ birth spacing < 18 months             |
|   | 56.4           |              |                   |   | % of women not intending to breastfeed their infants           |   |
|   | 26.4           |              |                   |   | % of mothers w/ at least 1 medical risk during pregnancy       |   |
|   | 26.9           |              |                   |   | % of mothers not receiving 1st trimester prenatal care         |   |
|   | 32.9           |              |                   |   | % of women who smoked during at least 1 trimester of pregnancy |   |
|   | 41.3           |              |                   |   | % single women who delivered at least 1 baby                   |   |
|   | 11.09          |              |                   |   | Fetal mortality (# fetal deaths/1000 live births)              |   |
|   |                |              |                   |   | 42.1   | % current smokers                                     |
|   |                |              |                   |   | 16.6   | % children in foster care                             |
|   |                |              |                   |   | 0  | % children w/ elevated lead levels                    |
|   | 0.4            |              |                   |   |  | Child mortality (% children age 1-8 who are deceased) |

\* See chart preceding tables for data sources in this column

## APPENDIX B: LETTERS OF SUPPORT

| <b>Letter</b>  | <b>Page No.</b> |
|--|-----------------|
| Ohio's Title V Agency: Ohio Department of Health   | 1               |
| Ohio's Child Abuse Prevention and Treatment Act (CAPTA) Agency:<br>Ohio Department of Job and Family Services      | 2               |
| Ohio's CAPTA Program: Ohio Children's Trust Fund   | 3               |
| Ohio's Single State Agency for Substance Abuse Services:<br>Ohio Department of Alcohol and Drug Addiction Services | 4               |
| Ohio's Head Start State Collaboration Office   | 5               |



# OHIO DEPARTMENT OF HEALTH

246 North High Street  
Columbus, Ohio 43215

614/466-3543  
www.odh.ohio.gov

Ted Strickland/Governor

Alvin D. Jackson, M.D./Director of Health

SEP 20 2010

Audrey M. Yowell, PhD, MSSS  
United States Department of Health and Human Services  
Health Resources and Services Administration  
Maternal and Child Health Bureau  
5600 Fishers Lane, 18A-39  
Rockville, MD 20857

Dear Dr. Yowell:

As Director of Ohio's Title V agency, I respectfully submit this letter of support for Ohio's application for the Maternal, Infant, and Early Childhood Home Visiting Program grant.

Throughout the needs assessment process, ODH has worked with representatives from other state agencies and members of the Governor's Early Childhood Cabinet to ensure that the best available data sources have been used to identify at risk communities. We concur with this initial designation of targeted at-risk communities and will continue to support the statewide effort to improve outcomes for families who reside in these communities.

As the Title V designee, the Ohio Department of Health leads the efforts in the completion and submission of the second phase of this grant application to HSRA, implementation of a statewide home visiting program that achieves all of the program outcomes outlined in the new federal legislation, and evaluation/reporting on achieved results.

Sincerely,

A handwritten signature in blue ink that reads "Alvin D. Jackson".

Alvin D. Jackson, M.D.  
Director of Health



**Department of  
Job and Family Services**

**Ted Strickland**, Governor  
**Douglas E. Lumpkin**, Director

September 17, 2010

Audrey M. Yowell, PhD, MSSS  
United States Department of Health and Human Services  
Health Resources and Services Administration  
Maternal and Child Health Bureau  
5600 Fishers Lane, 18A-39  
Rockville, MD 20857

Dear Dr. Yowell:

On behalf of the Ohio Department of Job and Family Services (ODJFS), I respectfully submit this letter of support for the Ohio Department of Health's (ODH) application for the Maternal, Infant, and Early Childhood Home Visiting Program grant.

The ODH has worked with members of the Governor's Early Childhood Cabinet throughout the needs assessment process to ensure that at risk communities were identified through the use of the most up-to date data sources available among multiple systems. ODJFS is in agreement with the designated targeted areas and committed to working with our partners to improve health and social outcomes for families who reside in these communities.

As the single state agency responsible for Ohio's Medicaid program and child welfare operations, ODJFS is particularly interested in programming that promotes healthful child development and positive parent-child interactions. Integration of effective home visitation services with existing initiatives will further enhance state efforts to protect Ohio's children by strengthening the families we serve.

Sincerely,

A handwritten signature in blue ink, appearing to read "Douglas E. Lumpkin".

Douglas E. Lumpkin  
Director, Ohio Department of Job and Family Services

30 East Broad Street  
Columbus, Ohio 43215  
jfs.ohio.gov

An Equal Opportunity Employer and Service Provider

Representative Edna Brown  
Chairman



Monica Gillison  
Interim Executive Director

September 17, 2010

Audrey M. Yowell, PhD, MSSS  
United States Department of Health and Human Services  
Health Resources and Services Administration  
Maternal and Child Health Bureau  
5600 Fishers Lane, 18A-39  
Rockville, MD 20857

Dear Dr. Yowell:

As the Interim Executive Director of the Ohio Children's Trust Fund (OCTF), Ohio's lead agency for Title II of the Child Abuse Prevention and Treatment Act (CAPTA), I respectfully submit this letter of support for the Ohio Department of Health's (ODH) application for the Maternal, Infant, and Early Childhood Home Visiting Program grant.

Throughout the needs assessment process, ODH has worked with representatives from the OCTF and other members of the Governor's Early Childhood Cabinet to ensure that the best available data sources have been used to identify communities at risk for poor health and social outcomes. We concur with this initial designation of targeted at-risk communities and will continue to support the statewide effort to improve outcomes for families who reside in these communities.

The Trust Fund welcomes the opportunity for on-going collaboration and it recognizes the early childhood home visitation needs assessment and subsequent planning process as important avenues for the provision of services that can help prevent the incidence of child abuse and neglect.

The Ohio Children's Trust Fund fully supports ODH's efforts in the completion and submission of the second phase of this grant application to HSRA, as well as the implementation of a statewide home visiting program that achieves all of the program outcomes outlined in the new federal legislation, and the evaluation/reporting on achieved results.

Sincerely,

A handwritten signature in blue ink that reads "Monica Gillison". The signature is written in a cursive, flowing style.

Monica Gillison  
Interim Executive Director  
Ohio Children's Trust Fund

30 East Broad Street, 32<sup>nd</sup> Floor, Columbus, OH 43215  
Phone: (614) 466- 7675 Fax: (614) 466- 2815



Department of Alcohol &  
Drug Addiction Services

**Ted Strickland**, Governor  
**Angela Cornelius Dawson**, Director

September 16, 2010

Audrey M. Yowell, PhD, MSSS  
United States Department of Health and Human Services  
Health Resources and Services Administration  
Maternal and Child Health Bureau  
5600 Fishers Lane, 18A-39  
Rockville, MD 20857

Dear Dr. Yowell:

On behalf of the Ohio Department of Alcohol and Drug Addiction Services (ODADAS), I respectfully submit this letter of support for the Ohio Department of Health's (ODH) application for the Maternal, Infant, and Early Childhood Home Visiting Program grant.

Throughout the needs assessment process, ODH has worked with representatives from our agency and other members of the Governor's Early Childhood Cabinet to ensure that the best available data sources have been used to identify at risk communities. We concur with this initial designation of targeted at-risk communities and will continue to support the statewide effort to improve outcomes for families who reside in these communities.

ODADAS fully supports ODH's efforts in the completion and submission of the second phase of this grant application to HSRA, implementation of a statewide home visiting program that achieves all of the program outcomes outlined in the new federal legislation, and evaluation/reporting on achieved results.

Sincerely,

Angela Cornelius Dawson

Director, Ohio Department of Alcohol and Drug Addiction Services

280 North High Street, 12th Floor  
Columbus, Ohio 43215-2550  
Main 614-466-3445

FAX 614-728-4936  
TDD 614-644-9140  
800-788-7254 Treatment and Recovery Hotline  
[www.odadas.state.oh.us](http://www.odadas.state.oh.us)



Department  
of Education

Ted Strickland, Governor  
Deborah S. Delisle, Superintendent of Public Instruction

September 17, 2010

Audrey M. Yowell, PhD, MSSS  
United States Department of Health and Human Services  
Health Resources and Services Administration  
Maternal and Child Health Bureau  
5600 Fishers Lane, 18A-39  
Rockville, MD 20857

Dear Dr. Yowell:

On behalf of the Head Start State Collaboration Office, I respectfully submit this letter of support for the Ohio Department of Health's (ODH) application for the Maternal, Infant, and Early Childhood Home Visiting Program grant.

Throughout the needs assessment process, ODH has worked with the Head Start State Collaboration Office and other members of the Governor's Early Childhood Cabinet to ensure that the best available data sources have been used to identify at-risk communities. I concur with this initial designation of targeted at-risk communities and will continue to support the statewide effort to improve outcomes for families who reside in these communities.

The Head Start State Collaboration Office fully supports ODH's efforts in the completion and submission of the second phase of this grant application to HSRA, implementation of a statewide home visiting program that achieves all of the program outcomes outlined in the new federal legislation, and evaluation/reporting on achieved results. We will continue to partner with ODH through each phase of the application process and inform the Head Start and Early Head Start community of the progress and implementation of the grant.

Sincerely,

A handwritten signature in black ink that reads "James Scott".

James A. Scott, Jr., Ph.D., Director  
Head Start State Collaboration Office

Table 1 Demographic Characteristics of Ohio and its Counties

|                      | Population  | Fertility Rate | Age Distribution<br>(% of total population) |             |           | Race/Ethnicity<br>(% of total population) |                    |                    |          | Median Household Income |
|----------------------|-------------|----------------|---|-------------|-----------|---|--------------------|--------------------|----------|-------------------------|
|                      |             |                | <18 years                                   | 18-64 years | ≥65 years | White Non Hispanic                        | Black Non Hispanic | Other Non Hispanic | Hispanic |                         |
| <b>US</b>            | 301,237,703 | 56             | 24.5%                                       | 62.9%       | 12.6%     | 65.9%                                     | 12.1%              | 7.0%               | 15.1%    | \$52,175                |
| <b>Ohio</b>          | 11,473,983  | 55             | 24.0%                                       | 62.5%       | 13.5%     | 82.6%                                     | 11.6%              | 3.3%               | 2.5%     | \$48,023                |
| <b>Ohio Counties</b> |             |                |   |             |           |   |                    |                    |          |                         |
| Adams                | 28,170      | 66             | 24.8%                                       | 61.1%       | 14.0%     | N   | N                  | N                  | N        | \$33,769                |
| Allen                | 105,168     | 62             | 24.5%                                       | 60.9%       | 14.6%     | 84.0%                                     | 11.8%              | 2.4%               | 1.8%     | \$45,431                |
| Ashland              | 54,765      | 65             | 23.3%                                       | 62.1%       | 14.5%     | 96.4%                                     | 0.7%               | 2.1%               | 0.8%     | \$47,564                |
| Ashtabula            | 101,090     | 48             | 23.4%                                       | 61.9%       | 14.8%     | 91.8%                                     | 3.1%               | 2.0%               | 3.0%     | \$41,414                |
| Athens               | 63,216      | 39             | 16.8%                                       | 73.3%       | 9.9%      | 92.1%                                     | 2.4%               | 4.3%               | 1.2%     | \$32,372                |
| Auglaize             | 46,448      | 87             | 24.7%                                       | 60.5%       | 14.8%     | 97.0%                                     | 0.4%               | 1.7%               | 0.8%     | \$54,165                |
| Belmont              | 68,278      | 56             | 19.6%                                       | 62.9%       | 17.5%     | 93.3%                                     | 4.2%               | 2.0%               | 0.5%     | \$37,705                |
| Brown                | 43,842      | 58             | 25.1%                                       | 62.1%       | 12.8%     | N   | N                  | N                  | N        | \$45,929                |
| Butler               | 357,386     | 53             | 24.9%                                       | 64.0%       | 11.1%     | 87.1%                                     | 6.5%               | 3.8%               | 2.6%     | \$55,209                |
| Carroll              | 28,588      | 76             | 22.7%                                       | 62.5%       | 14.8%     | N   | N                  | N                  | N        | \$43,649                |
| Champaign            | 39,517      | 56             | 24.2%                                       | 62.3%       | 13.6%     | N   | N                  | N                  | N        | \$46,534                |
| Clark                | 140,373     | 55             | 23.4%                                       | 60.9%       | 15.6%     | 86.9%                                     | 8.7%               | 2.6%               | 1.8%     | \$45,413                |
| Clermont             | 193,606     | 63             | 26.1%                                       | 63.1%       | 10.8%     | 95.4%                                     | 1.2%               | 2.3%               | 1.2%     | \$57,543                |
| Clinton              | 42,997      | 87             | 25.0%                                       | 62.3%       | 12.7%     | 94.3%                                     | 1.7%               | 2.8%               | 1.3%     | \$48,162                |
| Columbiana           | 108,550     | 74             | 22.0%                                       | 62.6%       | 15.4%     | 95.0%                                     | 2.3%               | 1.4%               | 1.3%     | \$40,604                |
| Coshocton            | 36,244      | 61             | 23.7%                                       | 61.3%       | 15.0%     | N   | N                  | N                  | N        | \$39,867                |
| Crawford             | 44,090      | 45             | 22.9%                                       | 60.5%       | 16.6%     | 96.8%                                     | 0.6%               | 1.5%               | 1.1%     | \$41,646                |
| Cuyahoga             | 1,295,683   | 51             | 23.7%                                       | 61.1%       | 15.2%     | 63.5%                                     | 28.5%              | 3.8%               | 4.2%     | \$44,943                |
| Darke                | 52,168      | 52             | 24.3%                                       | 59.7%       | 16.0%     | 97.0%                                     | 0.2%               | 1.7%               | 1.1%     | \$45,208                |
| Defiance             | 38,656      | 70             | 23.7%                                       | 61.7%       | 14.6%     | 88.6%                                     | 1.4%               | 1.9%               | 8.1%     | \$46,909                |
| Delaware             | 160,233     | 65             | 27.5%                                       | 64.2%       | 8.3%      | 88.7%                                     | 3.8%               | 5.7%               | 1.8%     | \$84,710                |
| Erie                 | 77,216      | 60             | 22.1%                                       | 61.4%       | 16.5%     | 86.4%                                     | 8.5%               | 2.6%               | 2.5%     | \$48,266                |
| Fairfield            | 140,885     | 63             | 25.0%                                       | 63.6%       | 11.4%     | 90.1%                                     | 5.8%               | 2.8%               | 1.3%     | \$59,115                |
| Fayette              | 28,276      | 69             | 24.2%                                       | 61.1%       | 14.7%     | N   | N                  | N                  | N        | \$42,323                |
| Franklin             | 1,117,702   | 57             | 25.6%                                       | 64.7%       | 9.7%      | 70.8%                                     | 19.3%              | 6.1%               | 3.8%     | \$50,179                |
| Fulton               | 42,493      | 58             | 25.5%                                       | 61.1%       | 13.4%     | N   | N                  | N                  | N        | \$49,562                |
| Gallia               | 30,857      | 66             | 23.4%                                       | 61.9%       | 14.6%     | 94.3%                                     | 3.1%               | 2.0%               | 0.5%     | \$37,609                |
| Geauga               | 94,675      | 57             | 24.4%                                       | 61.0%       | 14.6%     | 96.4%                                     | 1.5%               | 1.4%               | 0.8%     | \$65,835                |

|            |         |     |       |       |       |       |       |      |      |          |
|------------|---------|-----|-------|-------|-------|-------|-------|------|------|----------|
| Greene     | 158,448 | 41  | 21.9% | 65.4% | 12.6% | 87.2% | 6.2%  | 4.8% | 1.8% | \$57,953 |
| Guernsey   | 40,320  | 65  | 24.4% | 60.3% | 15.2% | 95.2% | 1.1%  | 2.8% | 0.9% | \$37,972 |
| Hamilton   | 850,869 | 48  | 24.4% | 62.2% | 13.4% | 70.2% | 24.3% | 3.7% | 1.8% | \$49,343 |
| Hancock    | 74,085  | 50  | 23.8% | 62.8% | 13.4% | 91.3% | 1.4%  | 3.6% | 3.7% | \$49,192 |
| Hardin     | 31,832  | 70  | 22.2% | 64.8% | 13.0% | 96.4% | 1.1%  | 1.5% | 0.9% | \$43,362 |
| Harrison   |         |     |       |       |       |       |       |      |      |          |
| Henry      | 28,984  | 75  | 24.4% | 61.0% | 14.5% | 91.4% | 0.7%  | 1.7% | 6.3% | \$49,037 |
| Highland   | 42,480  | 68  | 25.6% | 60.6% | 13.8% | N     | N     | N    | N    | \$42,073 |
| Hocking    | 28,851  | 64  | 23.4% | 62.8% | 13.8% | N     | N     | N    | N    | \$41,764 |
| Holmes     | 41,351  | 109 | 33.9% | 55.3% | 10.8% | N     | N     | N    | N    | \$45,239 |
| Huron      | 59,720  | 61  | 26.2% | 60.7% | 13.1% | 92.3% | 0.8%  | 1.7% | 5.2% | \$48,571 |
| Jackson    | 33,217  | 68  | 23.8% | 61.9% | 14.2% | N     | N     | N    | N    | \$33,977 |
| Jefferson  | 68,877  | 44  | 19.7% | 61.2% | 19.1% | 91.6% | 5.3%  | 2.2% | 0.8% | \$36,817 |
| Knox       | 58,861  | 42  | 22.7% | 62.9% | 14.3% | 96.5% | 0.8%  | 1.7% | 1.0% | \$44,055 |
| Lake       | 233,120 | 45  | 22.3% | 62.9% | 14.8% | 92.1% | 2.6%  | 2.5% | 2.9% | \$56,560 |
| Lawrence   | 62,605  | 54  | 23.1% | 62.4% | 14.5% | 95.5% | 2.6%  | 1.2% | 0.7% | \$34,454 |
| Licking    | 156,590 | 65  | 24.6% | 62.8% | 12.7% | 93.7% | 2.6%  | 2.6% | 1.1% | \$53,757 |
| Logan      | 46,190  | 62  | 24.9% | 60.7% | 14.4% | 94.9% | 1.7%  | 2.5% | 0.9% | \$50,102 |
| Lorain     | 302,758 | 55  | 24.1% | 62.6% | 13.2% | 81.6% | 7.9%  | 3.0% | 7.6% | \$52,738 |
| Lucas      | 442,257 | 61  | 25.0% | 62.2% | 12.7% | 73.7% | 17.5% | 3.5% | 5.4% | \$43,562 |
| Madison    | 41,598  | 60  | 22.6% | 65.5% | 11.9% | 90.6% | 6.6%  | 1.9% | 1.0% | \$51,684 |
| Mahoning   | 240,554 | 57  | 21.9% | 61.0% | 17.1% | 78.9% | 15.4% | 2.1% | 3.6% | \$40,726 |
| Marion     | 65,608  | 51  | 22.8% | 63.3% | 13.9% | 90.0% | 3.9%  | 4.5% | 1.6% | \$40,995 |
| Medina     | 169,439 | 57  | 24.8% | 63.5% | 11.7% | 95.3% | 1.5%  | 1.9% | 1.3% | \$66,214 |
| Meigs      | 22,816  | 57  | 22.5% | 62.6% | 14.9% | 96.9% | 0.6%  | 1.7% | 0.7% | \$32,839 |
| Mercer     | 40,794  | 79  | 26.3% | 59.2% | 14.6% | N     | N     | N    | N    | \$50,632 |
| Miami      | 100,930 | 60  | 23.4% | 61.9% | 14.7% | 94.1% | 2.2%  | 2.6% | 1.1% | \$52,861 |
| Monroe     |         |     |       |       |       |       |       |      |      |          |
| Montgomery | 537,700 | 53  | 23.7% | 61.6% | 14.7% | 74.6% | 20.2% | 3.4% | 1.9% | \$44,749 |
| Morgan     |         |     |       |       |       |       |       |      |      |          |
| Morrow     | 34,374  | 52  | 24.4% | 63.6% | 12.0% | N     | N     | N    | N    | \$49,927 |
| Muskingum  | 85,232  | 64  | 23.8% | 60.9% | 15.2% | 93.2% | 3.3%  | 2.9% | 0.6% | \$40,672 |
| Noble      |         |     |       |       |       |       |       |      |      |          |
| Ottawa     | 41,031  | 55  | 20.7% | 62.5% | 16.8% | 93.7% | 1.4%  | 0.7% | 4.2% | \$54,105 |
| Paulding   |         |     |       |       |       |       |       |      |      |          |
| Perry      | 34,961  | 88  | 25.6% | 62.2% | 12.2% | N     | N     | N    | N    | \$42,309 |
| Pickaway   | 54,005  | 76  | 23.7% | 64.0% | 12.2% | 91.9% | 3.8%  | 3.3% | 0.9% | \$50,079 |
| Pike       | 27,933  | 62  | 25.7% | 60.2% | 14.1% | 95.7% | 1.1%  | 2.5% | 0.7% | \$33,493 |
| Portage    | 155,307 | 35  | 21.4% | 67.1% | 11.5% | 92.3% | 3.9%  | 2.8% | 0.9% | \$50,025 |

|            |         |    |       |       |       |       |       |      |      |          |
|------------|---------|----|-------|-------|-------|-------|-------|------|------|----------|
| Preble     | 41,707  | 57 | 22.9% | 62.5% | 14.5% | 97.5% | 0.5%  | 1.6% | 0.3% | \$50,396 |
| Putnam     | 34,596  | 63 | 26.6% | 59.2% | 14.2% | N     | N     | N    | N    | \$56,557 |
| Richland   | 125,722 | 70 | 22.9% | 61.6% | 15.5% | 87.1% | 9.3%  | 2.5% | 1.1% | \$42,444 |
| Ross       | 75,704  | 74 | 22.1% | 64.7% | 13.2% | 90.5% | 5.0%  | 3.8% | 0.7% | \$42,214 |
| Sandusky   | 60,891  | 61 | 24.1% | 60.8% | 15.1% | 87.6% | 3.0%  | 1.5% | 8.0% | \$47,573 |
| Scioto     | 56,670  | 49 | 23.2% | 62.7% | 14.1% | 92.2% | 1.9%  | 1.8% | 4.1% | \$44,614 |
| Seneca     | 48,739  | 50 | 26.9% | 60.7% | 12.4% | 93.9% | 2.1%  | 2.8% | 1.3% | \$50,728 |
| Shelby     | 378,942 | 54 | 23.0% | 61.5% | 15.6% | 89.0% | 7.0%  | 2.9% | 1.2% | \$45,306 |
| Stark      | 543,657 | 49 | 23.7% | 62.4% | 13.9% | 81.3% | 13.9% | 3.6% | 1.2% | \$48,943 |
| Summit     | 213,325 | 53 | 22.1% | 61.4% | 16.6% | 89.1% | 7.9%  | 2.0% | 1.0% | \$42,483 |
| Trumbull   | 91,232  | 53 | 23.3% | 60.7% | 16.0% | 96.8% | 0.7%  | 1.4% | 1.1% | \$42,143 |
| Tuscarawas | 47,483  | 41 | 26.5% | 64.2% | 9.3%  | 92.9% | 1.9%  | 3.9% | 1.3% | \$67,879 |
| Union      | 28,894  | 60 | 24.1% | 60.7% | 15.2% | N     | N     | N    | N    | \$44,045 |
| Van Wert   |         |    |       |       |       |       |       |      |      |          |
| Vinton     | 203,259 | 58 | 26.5% | 63.7% | 9.8%  | 90.5% | 3.2%  | 4.5% | 1.8% | \$71,521 |
| Warren     | 61,668  | 42 | 21.5% | 61.9% | 16.5% | 96.6% | 0.7%  | 2.1% | 0.6% | \$40,805 |
| Washington | 113,588 | 62 | 25.1% | 61.5% | 13.3% | 95.3% | 1.2%  | 2.3% | 1.2% | \$48,948 |
| Wayne      | 38,256  | 60 | 22.9% | 61.9% | 15.2% | N     | N     | N    | N    | \$45,940 |
| Williams   | 124,759 | 40 | 21.2% | 67.1% | 11.7% | 92.0% | 1.5%  | 2.6% | 3.9% | \$54,057 |
| Wood       | 22,433  | 86 | 23.1% | 60.8% | 16.1% | N     | N     | N    | N    | \$50,279 |

Table 2 Ohio and its Counties: Indicators Described in Federal Guidance

|                      | Premature birth (<37 weeks) 2006-2008 |              | Low birth weight (<2500 g) infants 2006-2008 |              | Infant mortality (infant deaths 0-1/1000 live births) 2006-2008 |              | Poverty (% total resident below 100% FPL) 2008 |              | Crime (reported crimes/1000 residents) 2008 |              | High school dropout 2007 |              | Unemployment (% unemployed and seeking/total workforce) Jan-Sep 2009 |              | Child maltreatment (substantiated abused/neglected children/1000 < 18) 2008 |              | Domestic violence (DV) (Caseloads/1000 population) 2008 |              | Binge Drinking (An occasion with 4/5 drinks in last 30 days) 2008 |              |
|----------------------|---------------------------------------|--------------|--|--------------|---|--------------|--|--------------|---|--------------|--------------------------|--------------|--|--------------|---|--------------|---|--------------|---|--------------|
|                      | %                                     | Rank* (1-88) | %  | Rank* (1-88) | % live birth  | Rank* (1-88) | %  | Rank* (1-88) | Per 1000                                    | Rank* (1-88) | %                        | Rank* (1-88) | %  | Rank* (1-88) | Per 1000  | Rank* (1-88) | Per 1000  | Rank* (1-88) | %   | Rank* (1-88) |
| <b>Ohio</b>          | 12.8                                  |              | 8.7  |              | 7.72  |              | 13.3   |              | 37.6  |              | 14                       |              | 10.4   |              | 9.0   |              | 2.12  |              | 20.8  |              |
| <b>Ohio Counties</b> |                                       |              |  |              |   |              |  |              |   |              |                          |              |  |              |   |              |   |              |   |              |
| Adams                | 12.5                                  | 53           | 8.8  | 68           | 6.97  | 50           | 21.9   | 86           | 24.5  | 44           | 7                        | 44           | 15.0   | 82           | 8.9   | 38           | 4.60  | 80           | 13.0  | 10           |
| Allen                | 11.7                                  | 33           | 8.4  | 56           | 7.29  | 55           | 14.7   | 57           | 54.0  | 83           | 12                       | 78           | 11.5   | 42           | 14.1  | 73           | 2.04  | 48           | 15.5  | 16           |
| Ashland              | 10.2                                  | 10           | 7.1  | 24           | 5.38  | 20           | 12.0   | 40           | 18.3  | 26           | 9                        | 58           | 12.5   | 56           | 5.1   | 9            | 2.14  | 49           | 9.8   | 4            |
| Ashtabula            | 11.5                                  | 31           | 7.9  | 50           | 8.92  | 76           | 15.6   | 64           | 25.7  | 47           | 7                        | 44           | 13.7   | 70           | 9.8   | 47           | 1.91  | 45           | 17.1  | 22           |
| Athens               | 12.3                                  | 49           | 7.3  | 30           | 6.44  | 42           | 29.6   | 88           | 18.2  | 25           | 4                        | 12           | 8.6  | 9            | 21.9  | 86           | 2.69  | 63           | 31.0  | 86           |
| Auglaize             | 8.8                                   | 4            | 6.1  | 6            | 5.37  | 19           | 7.8  | 8            | 19.3  | 29           | 3                        | 1            | 11.0   | 32           | 8.8   | 37           | 1.42  | 29           | 25.3  | 72           |
| Belmont              | 12.6                                  | 56           | 6.8  | 16           | 4.70  | 8            | 16.1   | 68           | 14.5  | 18           | 4                        | 12           | 9.2  | 15           | 12.7  | 70           | 0.72  | 13           | 22.2  | 55           |
| Brown                | 12.5                                  | 55           | 7.5  | 36           | 7.89  | 69           | 13.2   | 50           | 21.7  | 33           | 10                       | 66           | 13.1   | 63           | 12.4  | 68           | 11.34   | 87           | 25.9  | 78           |
| Butler               | 12.0                                  | 47           | 7.9  | 46           | 7.29  | 55           | 11.9   | 39           | 43.6  | 77           | 11                       | 73           | 9.6  | 21           | 9.1   | 41           | 4.57  | 79           | 20.9  | 48           |
| Carroll              | 14.2                                  | 75           | 8.8  | 66           | 7.87  | 68           | 12.5   | 45           | 9.2   | 11           | 5                        | 23           | 14.0   | 74           | 8.5   | 33           | 1.86  | 43           | 23.2  | 65           |
| Champaign            | 12.7                                  | 59           | 8.0  | 51           | 5.83  | 23           | 11.8   | 37           | 23.6  | 43           | 6                        | 37           | 11.6   | 45           | 14.3  | 75           | 3.64  | 75           | 25.3  | 72           |
| Clark                | 13.3                                  | 66           | 8.9  | 69           | 5.99  | 30           | 13.8   | 55           | 47.2  | 81           | 16                       | 83           | 10.5   | 29           | 9.0   | 39           | 5.44  | 83           | 22.6  | 61           |
| Clermont             | 10.4                                  | 13           | 6.9  | 18           | 6.31  | 36           | 8.8  | 16           | 30.4  | 58           | 7                        | 44           | 9.7  | 23           | 6.7   | 20           | 6.70  | 85           | 22.0  | 51           |
| Clinton              | 14.2                                  | 76           | 9.3  | 74           | 8.93  | 77           | 10.9   | 30           | 22.0  | 37           | 6                        | 37           | 13.2   | 65           | 24.9  | 87           | 3.80  | 76           | 22.5  | 60           |
| Columbiana           | 11.7                                  | 37           | 7.5  | 34           | 6.35  | 40           | 14.5   | 56           | 13.7  | 17           | 5                        | 23           | 13.5   | 67           | 8.5   | 33           | 2.98  | 68           | 22.3  | 57           |
| Coshocton            | 11.8                                  | 41           | 7.4  | 32           | 9.09  | 78           | 13.2   | 50           | 22.5  | 41           | 6                        | 37           | 13.7   | 70           | 11.5  | 62           | 1.57  | 33           | 22.2  | 55           |
| Crawford             | 11.7                                  | 36           | 7.1  | 23           | 8.82  | 75           | 12.6   | 47           | 26.8  | 49           | 10                       | 66           | 15.1   | 83           | 9.8   | 47           | 3.88  | 77           | 20.2  | 45           |
| Cuyahoga             | 14.7                                  | 81           | 10.5   | 86           | 10.02   | 85           | 15.9   | 67           | 40.9  | 74           | 18                       | 86           | 9.1  | 14           | 7.1   | 23           | 0.43  | 7            | 22.6  | 61           |
| Darke                | 9.0                                   | 5            | 6.2  | 9            | 6.26  | 35           | 9.8  | 21           | 22.3  | 39           | 5                        | 23           | 11.3   | 39           | 2.9   | 1            | 2.74  | 65           | 24.8  | 69           |
| Defiance             | 11.5                                  | 29           | 6.4  | 11           | 5.15  | 14           | 9.8  | 21           | 28.3  | 51           | 4                        | 12           | 14.2   | 78           | 10.8  | 57           | 0.52  | 12           | 15.2  | 15           |
| Delaware             | 11.4                                  | 26           | 7.2  | 25           | 3.50  | 2            | 4.9  | 1            | 16.5  | 19           | 4                        | 12           | 6.8  | 1            | 4.9   | 7            | 0.46  | 9            | 19.6  | 37           |
| Erie                 | 12.9                                  | 63           | 8.6  | 61           | 7.83  | 66           | 12.0   | 40           | 37.1  | 67           | 10                       | 66           | 11.4   | 40           | 11.0  | 59           | 2.44  | 56           | 26.4  | 80           |
| Fairfield            | 11.1                                  | 23           | 7.5  | 37           | 5.88  | 24           | 8.9  | 17           | 30.0  | 57           | 4                        | 12           | 8.4  | 6            | 6.6   | 19           | 1.58  | 34           | 19.6  | 37           |
| Fayette              | 13.6                                  | 68           | 7.7  | 44           | 5.05  | 11           | 13.1   | 49           | 39.1  | 71           | 7                        | 44           | 11.0   | 32           | 17.0  | 80           | 2.62  | 59           | 20.8  | 46           |
| Franklin             | 13.4                                  | 67           | 9.6  | 79           | 8.68  | 74           | 15.1   | 62           | 58.7  | 87           | 23                       | 88           | 8.3  | 4            | 7.8   | 28           | 1.71  | 39           | 20.8  | 46           |

|            |      |    |      |    |       |    |      |    |      |    |    |    |      |    |      |    |      |    |      |    |
|------------|------|----|------|----|-------|----|------|----|------|----|----|----|------|----|------|----|------|----|------|----|
| Fulton     | 9.8  | 8  | 6.4  | 12 | 5.01  | 9  | 7.8  | 8  | 22.2 | 38 | 4  | 12 | 14.1 | 76 | 20.0 | 84 | 0.42 | 6  | 29.3 | 83 |
| Gallia     | 14.7 | 80 | 10.4 | 85 | 6.43  | 41 | 20.3 | 83 | 40.8 | 72 | 5  | 23 | 9.5  | 18 | 4.5  | 5  | 1.46 | 30 | 24.4 | 67 |
| Geauga     | 10.7 | 16 | 6.2  | 8  | 5.88  | 24 | 6.9  | 4  | 8.2  | 10 | 3  | 1  | 7.3  | 2  | 3.5  | 2  | 1.37 | 25 | 15.8 | 18 |
| Greene     | 11.8 | 39 | 7.3  | 27 | 5.57  | 21 | 10.7 | 27 | 30.4 | 58 | 8  | 52 | 9.6  | 21 | 9.9  | 50 | 1.36 | 24 | 17.2 | 23 |
| Guernsey   | 12.0 | 46 | 8.7  | 65 | 5.28  | 16 | 17.1 | 75 | 28.8 | 53 | 14 | 81 | 12.2 | 51 | 10.0 | 51 | 1.18 | 21 | 30.7 | 84 |
| Hamilton   | 14.6 | 79 | 10.3 | 83 | 10.59 | 88 | 13.6 | 53 | 48.9 | 82 | 14 | 81 | 8.8  | 11 | 9.7  | 46 | 2.21 | 50 | 22.4 | 59 |
| Hancock    | 11.7 | 34 | 7.8  | 45 | 5.26  | 15 | 9.8  | 21 | 29.3 | 55 | 5  | 23 | 10.2 | 26 | 8.3  | 31 | 2.61 | 57 | 17.9 | 26 |
| Hardin     | 11.8 | 38 | 7.6  | 39 | 5.08  | 12 | 14.7 | 57 | 33.4 | 64 | 8  | 52 | 12.0 | 48 | 6.5  | 16 | 0.85 | 15 | 18.6 | 31 |
| Harrison   | 12.8 | 62 | 7.5  | 35 | 9.17  | 79 | 17.7 | 76 | 17.9 | 24 | 4  | 12 | 11.5 | 42 | 9.0  | 39 | 1.60 | 35 | 19.8 | 41 |
| Henry      | 9.0  | 6  | 6.3  | 10 | 4.41  | 7  | 8.6  | 15 | 33.5 | 65 | 5  | 23 | 13.8 | 73 | 7.5  | 26 | 1.68 | 38 | 23.8 | 66 |
| Highland   | 11.4 | 27 | 7.6  | 38 | 3.94  | 4  | 12.9 | 48 | 28.8 | 53 | 9  | 58 | 14.9 | 81 | 11.8 | 64 | 2.24 | 52 | 18.1 | 28 |
| Hocking    | 14.1 | 74 | 8.6  | 60 | 6.61  | 44 | 15.6 | 64 | 31.6 | 61 | 3  | 1  | 11.4 | 40 | 9.4  | 44 | 5.02 | 81 | 30.7 | 84 |
| Holmes     | 8.2  | 2  | 5.0  | 2  | 7.15  | 54 | 10.8 | 28 | 7.6  | 9  | 5  | 23 | 7.6  | 3  | 5.3  | 10 | 0.46 | 9  | 4.9  | 1  |
| Huron      | 10.8 | 18 | 7.7  | 41 | 6.97  | 50 | 13.7 | 54 | 21.8 | 34 | 9  | 58 | 15.7 | 87 | 5.8  | 13 | 0.87 | 16 | 25.4 | 76 |
| Jackson    | 15.7 | 83 | 9.5  | 77 | 8.45  | 73 | 20.7 | 84 | 21.4 | 31 | 8  | 52 | 11.7 | 47 | 9.6  | 45 | 2.25 | 53 | 18.1 | 28 |
| Jefferson  | 11.9 | 42 | 7.9  | 49 | 8.25  | 72 | 17.9 | 77 | 28.6 | 52 | 5  | 23 | 12.0 | 48 | 8.2  | 30 | 1.37 | 25 | 25.3 | 72 |
| Knox       | 10.8 | 17 | 6.7  | 15 | 6.32  | 37 | 13.2 | 50 | 29.3 | 55 | 5  | 23 | 9.3  | 17 | 8.5  | 33 | 0.00 | 1  | 8.4  | 3  |
| Lake       | 11.5 | 28 | 7.4  | 33 | 6.32  | 37 | 8.5  | 14 | 22.3 | 39 | 6  | 37 | 8.6  | 9  | 6.7  | 20 | 0.93 | 17 | 17.9 | 26 |
| Lawrence   | 18.9 | 88 | 12.4 | 88 | 9.69  | 83 | 18.2 | 78 | 6.3  | 5  | 8  | 52 | 8.3  | 4  | 10.2 | 53 | 2.67 | 61 | 11.1 | 6  |
| Licking    | 12.4 | 51 | 7.9  | 47 | 7.39  | 57 | 10.2 | 26 | 31.8 | 62 | 11 | 73 | 9.5  | 18 | 7.0  | 22 | 2.22 | 51 | 19.0 | 34 |
| Logan      | 12.4 | 50 | 8.0  | 52 | 6.82  | 48 | 10.8 | 28 | 26.9 | 50 | 7  | 44 | 11.2 | 37 | 11.0 | 59 | 7.93 | 86 | 18.8 | 32 |
| Lorain     | 12.2 | 48 | 7.9  | 48 | 7.43  | 58 | 12.3 | 42 | 30.7 | 60 | 13 | 80 | 10.3 | 28 | 10.1 | 52 | 1.47 | 31 | 22.1 | 52 |
| Lucas      | 12.6 | 57 | 9.4  | 75 | 8.16  | 70 | 18.6 | 79 | 64.4 | 88 | 21 | 87 | 12.8 | 60 | 9.3  | 43 | 2.68 | 62 | 22.3 | 57 |
| Madison    | 12.0 | 44 | 6.9  | 19 | 9.37  | 82 | 11.0 | 31 | 21.9 | 36 | 4  | 12 | 9.2  | 15 | 14.1 | 73 | 1.99 | 46 | 12.9 | 9  |
| Mahoning   | 14.6 | 78 | 10.3 | 84 | 7.47  | 59 | 16.7 | 71 | 43.8 | 78 | 11 | 73 | 12.9 | 61 | 7.6  | 27 | 3.12 | 71 | 19.8 | 41 |
| Marion     | 12.7 | 58 | 9.0  | 71 | 6.21  | 34 | 16.9 | 72 | 42.0 | 75 | 17 | 85 | 11.1 | 35 | 13.0 | 71 | 1.83 | 41 | 16.5 | 20 |
| Medina     | 11.9 | 43 | 7.3  | 29 | 5.31  | 18 | 5.8  | 2  | 7.3  | 7  | 3  | 1  | 8.4  | 6  | 4.7  | 6  | 3.29 | 74 | 25.6 | 77 |
| Meigs      | 14.2 | 77 | 9.5  | 76 | 9.95  | 84 | 20.1 | 81 | 21.4 | 31 | 11 | 73 | 15.5 | 85 | 17.4 | 81 | 2.29 | 54 | 14.5 | 13 |
| Mercer     | 8.4  | 3  | 5.5  | 3  | 3.66  | 3  | 7.2  | 6  | 19.3 | 29 | 3  | 1  | 8.9  | 12 | 3.8  | 4  | 0.34 | 4  | 23.0 | 64 |
| Miami      | 10.6 | 15 | 7.7  | 40 | 5.90  | 26 | 7.9  | 10 | 25.2 | 46 | 5  | 23 | 12.1 | 50 | 6.2  | 14 | 4.44 | 78 | 21.8 | 50 |
| Monroe     | 12.5 | 54 | 10.6 | 87 | 4.30  | 6  | 15.0 | 60 | 0.2  | 2  | 6  | 37 | 12.5 | 56 | 26.6 | 88 | 1.11 | 19 | 24.9 | 70 |
| Montgomery | 12.4 | 52 | 8.8  | 67 | 7.53  | 61 | 15.0 | 60 | 44.0 | 79 | 9  | 58 | 11.6 | 45 | 10.6 | 55 | 3.21 | 72 | 19.6 | 37 |
| Morgan     | 15.7 | 84 | 8.6  | 62 | 7.86  | 67 | 21.1 | 85 | 17.3 | 21 | 10 | 66 | 15.5 | 85 | 5.0  | 8  | 1.78 | 40 | 11.0 | 5  |
| Morrow     | 14   | 72 | 8.5  | 58 | 7.09  | 52 | 11.1 | 33 | 12   | 14 | 9  | 58 | 11.1 | 35 | 7.2  | 24 | 1.07 | 18 | 17.8 | 25 |
| Muskingum  | 15.9 | 85 | 9.6  | 80 | 7.48  | 60 | 16.9 | 72 | 38.1 | 68 | 5  | 23 | 12.4 | 54 | 12.5 | 69 | 1.39 | 27 | 18.5 | 30 |
| Noble      | 11.3 | 24 | 7.1  | 21 | 4.28  | 5  | 16.5 | 70 | 0.1  | 1  | 10 | 66 | 14   | 74 | 10.6 | 55 | 2.91 | 67 | 11.8 | 7  |
| Ottawa     | 10.9 | 22 | 7.3  | 28 | 6.34  | 39 | 9.0  | 18 | 17.5 | 22 | 5  | 23 | 14.1 | 76 | 7.2  | 24 | 2.61 | 57 | 18.9 | 33 |
| Paulding   | 8.1  | 1  | 8.1  | 54 | 6.61  | 44 | 11.0 | 31 | 13.6 | 16 | 6  | 37 | 13.6 | 69 | 6.3  | 15 | 0.32 | 3  | 13.3 | 12 |

|            |      |    |      |    |       |    |      |    |      |    |    |    |      |    |      |    |       |    |      |    |
|------------|------|----|------|----|-------|----|------|----|------|----|----|----|------|----|------|----|-------|----|------|----|
| Perry      | 14.1 | 73 | 8.6  | 59 | 5.95  | 28 | 15.8 | 66 | 7.3  | 7  | 9  | 58 | 13.7 | 70 | 10.2 | 53 | 1.64  | 37 | 25.1 | 71 |
| Pickaway   | 14.0 | 71 | 8.2  | 55 | 6.85  | 49 | 12.4 | 43 | 45.1 | 80 | 8  | 52 | 10.8 | 31 | 5.3  | 10 | 1.18  | 21 | 24.7 | 68 |
| Pike       | 14.8 | 82 | 9.2  | 72 | 7.63  | 63 | 19.6 | 80 | 17.5 | 22 | 9  | 58 | 15.3 | 84 | 15.1 | 76 | 2.72  | 64 | 16.8 | 21 |
| Portage    | 11.8 | 40 | 7.7  | 42 | 6.8   | 47 | 11.8 | 37 | 25.0 | 45 | 5  | 23 | 10.2 | 26 | 12.3 | 66 | 1.47  | 31 | 22.1 | 52 |
| Preble     | 11.4 | 25 | 7.3  | 26 | 5.28  | 16 | 8.4  | 12 | 22.6 | 42 | 7  | 44 | 12.7 | 58 | 11.3 | 61 | 2.66  | 60 | 20.1 | 44 |
| Putnam     | 10.0 | 9  | 4.9  | 1  | 2.65  | 1  | 7.6  | 7  | 1.2  | 3  | 3  | 1  | 10.6 | 30 | 5.7  | 12 | 1.28  | 23 | 26.8 | 81 |
| Richland   | 12.0 | 45 | 8.7  | 64 | 6.47  | 43 | 14.7 | 57 | 43.2 | 76 | 6  | 37 | 13.1 | 63 | 21.5 | 85 | 2.77  | 66 | 16.2 | 19 |
| Ross       | 13.9 | 70 | 9.2  | 73 | 6.03  | 31 | 16.3 | 69 | 56.5 | 84 | 8  | 52 | 12.4 | 54 | 16.3 | 79 | 1.86  | 43 | 15.7 | 17 |
| Sandusky   | 13.0 | 65 | 8.4  | 57 | 6.78  | 46 | 10.0 | 24 | 58.0 | 86 | 9  | 58 | 12.2 | 51 | 11.9 | 65 | 6.40  | 84 | 26.2 | 79 |
| Scioto     | 16.0 | 86 | 9.9  | 81 | 9.26  | 80 | 20.2 | 82 | 57.4 | 85 | 4  | 12 | 12.2 | 51 | 8.0  | 29 | 2.38  | 55 | 14.9 | 14 |
| Seneca     | 11.5 | 30 | 7.7  | 43 | 5.09  | 13 | 11.1 | 33 | 6.8  | 6  | 12 | 78 | 12.7 | 58 | 12.3 | 66 | 5.23  | 82 | 31.5 | 88 |
| Shelby     | 10.9 | 20 | 6.5  | 13 | 6.12  | 33 | 9.2  | 19 | 11.3 | 12 | 3  | 1  | 12.9 | 61 | 6.5  | 16 | 0.48  | 11 | 31.1 | 87 |
| Stark      | 12.7 | 60 | 9.5  | 78 | 7.56  | 62 | 12.4 | 43 | 38.9 | 69 | 11 | 73 | 11.2 | 37 | 9.1  | 41 | 0.43  | 7  | 20.0 | 43 |
| Summit     | 13.0 | 64 | 8.6  | 63 | 7.13  | 53 | 12.5 | 45 | 40.8 | 72 | 16 | 83 | 9.9  | 25 | 8.4  | 32 | 1.84  | 42 | 21.2 | 49 |
| Trumbull   | 11.7 | 35 | 9.0  | 70 | 7.78  | 64 | 15.5 | 63 | 34.3 | 66 | 10 | 66 | 14.6 | 79 | 6.5  | 16 | 1.62  | 36 | 19.3 | 35 |
| Tuscarawas | 12.8 | 61 | 8.1  | 53 | 5.90  | 26 | 11.4 | 36 | 11.9 | 13 | 7  | 44 | 11.0 | 32 | 9.8  | 47 | 2.01  | 47 | 19.5 | 36 |
| Union      | 11.7 | 32 | 7.4  | 31 | 10.14 | 87 | 7.1  | 5  | 18.8 | 28 | 3  | 1  | 8.4  | 6  | 13.0 | 71 | 0.39  | 5  | 22.1 | 52 |
| Van Wert   | 10.3 | 11 | 6.0  | 4  | 5.97  | 29 | 8.1  | 11 | 32.1 | 63 | 7  | 44 | 14.6 | 79 | 10.9 | 58 | 1.15  | 20 | 28.5 | 82 |
| Vinton     | 18.6 | 87 | 10.1 | 82 | 9.35  | 81 | 23   | 87 | 39.0 | 70 | 10 | 66 | 13.5 | 67 | 11.7 | 63 | 32.16 | 88 | 17.7 | 24 |
| Warren     | 10.6 | 14 | 6.8  | 17 | 6.06  | 32 | 6.6  | 3  | 12.1 | 15 | 4  | 12 | 8.9  | 12 | 3.7  | 3  | 3.27  | 73 | 19.6 | 37 |
| Washington | 13.6 | 69 | 7.1  | 22 | 10.02 | 85 | 16.9 | 72 | 16.9 | 20 | 4  | 12 | 9.5  | 18 | 15.1 | 76 | 1.40  | 28 | 12.5 | 8  |
| Wayne      | 10.9 | 21 | 7.1  | 20 | 5.81  | 22 | 11.1 | 33 | 21.8 | 34 | 5  | 23 | 9.8  | 24 | 18.2 | 82 | 0.78  | 14 | 13.1 | 11 |
| Williams   | 9.5  | 7  | 6.0  | 5  | 5.02  | 10 | 9.7  | 20 | 18.6 | 27 | 3  | 1  | 16.1 | 88 | 15.1 | 76 | 0.30  | 2  | 25.3 | 72 |
| Wood       | 10.3 | 12 | 6.7  | 14 | 7.80  | 65 | 10.1 | 25 | 25.7 | 47 | 3  | 1  | 11.5 | 42 | 8.7  | 36 | 3.00  | 69 | 22.6 | 61 |
| Wyandot    | 10.9 | 19 | 6.1  | 6  | 8.18  | 71 | 8.4  | 12 | 1.3  | 4  | 3  | 1  | 13.4 | 66 | 19.5 | 83 | 3.00  | 69 | 8.2  | 2  |

**Table 3 Summary of Ohio Birth Outcomes and Prenatal Care: Overall and according to Demographic Factors (2006-2008)**

| Population Groups             |                          | Total Live Births | Prenatal Care<br>(% of live births)    |  | Birth weight<br>(% of live births) |                                | Gestation<br>(% of live births) |                          |
|-------------------------------|--------------------------|-------------------|--|--|------------------------------------|--------------------------------|---------------------------------|--------------------------|
|                               |                          |                   | Lack of 1 <sup>st</sup> Trimester Care | Lack of 1 <sup>st</sup> & 2 <sup>nd</sup> Trimester Care | Low birth weight (<2500 g)         | Very low birth weight (<1500g) | Premature (<37 weeks)           | Very premature (<32 wks) |
| US                            |                          |                   | 29.2                                   |  | 8.2                                | 1.5                            | 12.7                            | 2.0                      |
| Healthy People 2010 Benchmark |                          |                   | 5.0                                    |  | 5.0                                | 0.9                            | 7.6                             | 1.1                      |
| Ohio                          | Total                    | 449,886           | 29.0                                   | 7.0  | 8.7                                | 1.6                            | 12.8                            | 2.2                      |
| Maternal Race/<br>Ethnicity   | White Non-Hispanic       | 344,418           | 25.4                                   | 5.5  | 7.6                                | 1.3                            | 11.7                            | 1.8                      |
|                               | Black Non-Hispanic       | 72,292            | 44.0                                   | 13.4   | 14.4                               | 3.3                            | 17.9                            | 4.0                      |
|                               | Other Races Non-Hispanic | 12,975            | 30.2                                   | 9.0  | 9.6                                | 1.6                            | 12.2                            | 2.2                      |
|                               | Hispanic                 | 20,201            | 43.0                                   | 12.4   | 7.7                                | 1.4                            | 13.1                            | 2.1                      |
| Maternal Age                  | ≤17 Years                | 15,016            | 50.3                                   | 13.2   | 11.2                               | 2.4                            | 16.2                            | 3.5                      |
|                               | 18 & 19 Years            | 34,052            | 42.0                                   | 9.5  | 10.6                               | 2.0                            | 13.8                            | 2.7                      |
|                               | ≥ 20 Years               | 400,818           | 27.2                                   | 6.6  | 8.5                                | 1.6                            | 12.6                            | 2.1                      |
| Health Insurance              | Medicaid                 | 160,610           | 40.4                                   | 9.4  | 10.7                               | 1.9                            | 14.5                            | 2.6                      |
|                               | Private                  | 226,672           | 17.9                                   | 3.5  | 7.1                                | 1.3                            | 11.3                            | 1.7                      |
|                               | Uninsured                | 21,924            | 63.1                                   | 22.6   | 8.3                                | 1.8                            | 12.6                            | 2.5                      |
|                               | Other <sup>+</sup>       | 10,173            | 36.4                                   | 13.7   | 9.4                                | 1.8                            | 13.9                            | 2.5                      |
|                               | Unknown                  | 30,507            | 26.3                                   | 7.3  | 10.6                               | 2.4                            | 14.9                            | 3.0                      |

**Table 4 Ohio and its Counties: Lack of Prenatal Care in the First Trimester (2006-2008)**  
*Overall and According to Demographic Factors*

|                      | Live births (with information on prenatal care) | Lack of Prenatal Care in First Trimester: Overall |                       |                              | Lack of Prenatal Care in First Trimester: Race/Ethnicity (% live births) |          |          | Lack of Prenatal Care in First Trimester: Age Group (% live births) |             |           | Lack of Prenatal Care in First Trimester: Health Insurance (% live births) |         |           |
|----------------------|---|---|-----------------------|------------------------------|--|----------|----------|---|-------------|-----------|--|---------|-----------|
|                      |   | Rate (% live births)                              | Rank of County (1-88) | Quartile (1-4) Ohio counties | White NH   | Black NH | Hispanic | ≤17 years   | 18-19 years | ≥20 years | Medicaid   | Private | Uninsured |
| <b>Ohio</b>          | 339,476   | 29.0  | -                     | -                            | 25.4   | 44.0     | 43.0     | 50.3  | 42.0        | 27.2      | 40.4   | 17.9    | 63.1      |
| <b>Ohio Counties</b> |   |   |                       |                              |  |          |          |   |             |           |  |         |           |
| Adams                | 928   | 23.9  | 36                    | 2                            | 23.7   |          |          | 37.2  | 25.9        | 23.0      | 25.7   | 9.4     | 50.9      |
| Allen                | 3,659   | 25.0  | 46                    | 3                            | 22.5   | 36.2     | 30.0     | 43.8  | 36.2        | 22.8      | 34.8   | 14.2    | 51.2      |
| Ashland              | 1,750   | 41.8  | 87                    | 4                            | 41.7   |          |          | 51.7  | 54.5        | 40.9      | 46.8   | 25.5    | 81.3      |
| Ashtabula            | 3,152   | 36.1  | 82                    | 4                            | 35.6   | 42.9     | 39.4     | 48.5  | 47.3        | 34.5      | 42.8   | 22.7    | 75.2      |
| Athens               | 1,353   | 17.3  | 4                     | 1                            | 17.0   | 25.0     |          | 23.3  | 22.6        | 16.7      | 23.3   | 12.1    | 41.7      |
| Auglaize             | 1,664   | 20.0  | 9                     | 1                            | 19.8   |          | 24.1     | 52.9  | 37.6        | 17.7      | 33   | 12.5    | 53.6      |
| Belmont              | 1,662   | 20.3  | 10                    | 1                            | 19.9   | 33.3     |          | 30.6  | 31.4        | 18.7      | 30.2   | 13.0    | 70.5      |
| Brown                | 1,159   | 21.9  | 25                    | 2                            | 21.6   |          |          | 28.6  | 25.9        | 21.3      | 28.4   | 11.6    | 48.3      |
| Butler               | 11,305  | 31.2  | 70                    | 4                            | 27.3   | 43.2     | 59.5     | 52.6  | 51.2        | 28.8      | 48.0   | 16.5    | 60.9      |
| Carroll              | 896   | 32.6  | 72                    | 4                            | 32.6   |          |          |   | 36.4        | 31.9      | 38.2   | 24.4    | 70.3      |
| Champaign            | 1,314   | 30.7  | 66                    | 3                            | 30.3   | 36.7     |          | 44.4  | 45.2        | 28.7      | 41.7   | 22.7    | 42.5      |
| Clark                | 4,926   | 35.9  | 80                    | 4                            | 32.3   | 53.4     | 55.0     | 55.6  | 48.1        | 33.2      | 48.6   | 21.1    | 57.3      |
| Clermont             | 5,079   | 20.3  | 12                    | 1                            | 19.8   | 35.1     | 25.8     | 40  | 34.4        | 18.9      | 36.4   | 11.1    | 38.8      |
| Clinton              | 1,262   | 23.1  | 30                    | 2                            | 22.8   |          | 35.7     | 28.3  | 36.1        | 21.7      | 34.1   | 14.7    | 36.4      |
| Columbiana           | 3,198   | 29.1  | 62                    | 3                            | 28.7   | 51.4     | 38.7     | 54.3  | 36.8        | 27.5      | 38.1   | 18.3    | 51        |
| Coshocton            | 1,080   | 23.8  | 33                    | 2                            | 24.2   |          |          | 31.4  | 21.5        | 23.7      | 14.8   | 13.3    | 74.7      |
| Crawford             | 1,291   | 24.5  | 42                    | 2                            | 23.9   |          |          | 42.3  | 28.1        | 23.2      | 34.8   | 12.5    | 74.1      |
| Cuyahoga             | 41,115  | 32.9  | 73                    | 4                            | 25.0   | 45.3     | 39.4     | 57.8  | 48.6        | 30.4      | 46.5   | 19.4    | 58.2      |
| Darke                | 1,636   | 17.7  | 6                     | 1                            | 17.7   |          |          | 30.0  | 30.8        | 16.2      | 26.4   | 11.8    | 29.9      |
| Defiance             | 1,252   | 21.2  | 20                    | 1                            | 20.1   |          | 27.1     | 34.4  | 36.2        | 19.6      | 29.0   | 13.2    | 73.2      |
| Delaware             | 4,475   | 18.7  | 7                     | 1                            | 18.1   | 29.3     | 27.1     | 40.4  | 34.1        | 18.1      | 33.1   | 16.2    | 41.1      |
| Erie                 | 2,212   | 25.6  | 49                    | 3                            | 21.6   | 45.7     | 38.7     | 56.1  | 39.4        | 23.4      | 41.4   | 12.0    | 50.0      |
| Fairfield            | 4,123   | 23.9  | 35                    | 2                            | 23.2   | 31.8     | 35.9     | 44.4  | 38.9        | 22.5      | 39.5   | 15.1    | 59.8      |
| Fayette              | 976   | 24.6  | 43                    | 2                            | 24.0   | 28.6     | 41.4     | 33.3  | 34.3        | 23.1      | 29.6   | 17.2    | 42.5      |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Franklin   | 33,609 | 33.5 | 76 | 4 | 28.3 | 44.7 | 42.5 | 57.8 | 50.4 | 31.5 | 47.9 | 24.0 | 53.3 |
| Fulton     | 1,255  | 21.8 | 23 | 2 | 19.7 |      | 34.7 |      | 31.9 | 20.6 | 33.8 | 15.1 | 38.3 |
| Gallia     | 1,021  | 29.0 | 61 | 3 | 29.5 |      |      | 35.1 | 28.6 | 28.8 | 29.7 | 14.1 | 84.4 |
| Geauga     | 2,510  | 36.1 | 81 | 4 | 36.1 | 32.1 | 40.7 |      | 47.7 | 35.7 | 42.7 | 18.2 | 77.4 |
| Greene     | 3,921  | 20.7 | 17 | 1 | 19.1 | 32.4 | 30.4 | 50.0 | 33   | 19.5 | 36.0 | 14.8 | 47.1 |
| Guernsey   | 1,470  | 22.1 | 27 | 2 | 21.8 |      |      | 28.6 | 27.7 | 21.3 | 23.0 | 11.5 | 70.6 |
| Hamilton   | 20,162 | 36.9 | 85 | 4 | 25.5 | 50.8 | 64.4 | 59.4 | 53   | 34.6 | 52.4 | 19.4 | 61.7 |
| Hancock    | 2,727  | 20.3 | 11 | 1 | 18.7 | 36.8 | 32.1 | 40.5 | 35   | 18.4 | 31.5 | 14.7 | 49.5 |
| Hardin     | 1,040  | 27.8 | 58 | 3 | 27.3 |      |      | 41.2 | 32.5 | 26.9 | 34.0 | 12.7 | 73.1 |
| Harrison   | 448    | 35.0 | 79 | 4 | 34.7 |      |      |      | 54.3 | 32.9 | 40.9 | 22.9 | 89.7 |
| Henry      | 967    | 17.2 | 3  | 1 | 16.2 |      | 26.7 |      | 27.4 | 15.9 | 24.1 | 12.9 |      |
| Highland   | 1,446  | 24.3 | 41 | 2 | 24.1 |      |      | 24.1 | 33.8 | 23.3 | 28.9 | 14.8 | 66.2 |
| Hocking    | 853    | 23.0 | 29 | 2 | 22.9 |      |      |      | 39.8 | 21.1 | 31.2 | 10.5 | 58.1 |
| Holmes     | 2,209  | 60.6 | 88 | 4 | 60.8 |      |      |      | 47.5 | 60.9 | 31.6 | 25.2 | 78.3 |
| Huron      | 2,129  | 24.0 | 37 | 2 | 19.9 |      | 53.3 | 28.4 | 33.3 | 23   | 26.5 | 13.9 | 68.5 |
| Jackson    | 1,040  | 29.4 | 63 | 3 | 29.3 |      |      | 30.0 | 32.1 | 29.1 | 30.6 | 18.5 | 88.1 |
| Jefferson  | 1,720  | 34.8 | 78 | 4 | 33.4 | 52.6 |      | 50.7 | 47.9 | 32.8 | 46.7 | 26.4 | 78.3 |
| Knox       | 1,833  | 31.8 | 71 | 4 | 31.4 |      |      | 41.1 | 30.4 | 31.6 | 28.7 | 19.3 | 78.3 |
| Lake       | 6,460  | 20.4 | 13 | 1 | 17.7 | 35.0 | 39.6 | 53.1 | 46.3 | 18.6 | 38.4 | 12.7 | 39.4 |
| Lawrence   | 1,533  | 21.1 | 19 | 1 | 21.0 | 11.5 |      | 32.6 | 30.6 | 19.5 | 40.9 | 11.4 |      |
| Licking    | 4,942  | 26.2 | 50 | 3 | 26.0 | 27.9 | 31.7 | 47.5 | 38.8 | 24.4 | 37.2 | 17.8 | 57.4 |
| Logan      | 1,707  | 24.8 | 44 | 2 | 24.7 | 22.2 | 29.6 | 40.7 | 37.5 | 22.7 | 31.2 | 15.1 | 65.5 |
| Lorain     | 9,616  | 30.9 | 69 | 4 | 27.9 | 46.8 | 38.9 | 52.6 | 47.1 | 29   | 44.4 | 20.7 | 52.8 |
| Lucas      | 13,447 | 29.9 | 64 | 3 | 24.5 | 42.4 | 37.8 | 54.0 | 40.4 | 27.7 | 39.4 | 18.1 | 55.4 |
| Madison    | 1,141  | 23.3 | 31 | 2 | 22.9 |      |      | 25.0 | 31.5 | 22.5 | 31.8 | 16.1 | 50.9 |
| Mahoning   | 7,505  | 33.3 | 74 | 4 | 27.1 | 48.9 | 41.2 | 58.9 | 50.1 | 30.5 | 44.7 | 20.5 | 56.1 |
| Marion     | 2,165  | 30.9 | 68 | 4 | 29.1 | 39.2 | 67.1 | 36.9 | 39.3 | 29.2 | 36.1 | 18.4 | 66.7 |
| Medina     | 4,658  | 24.1 | 38 | 2 | 23.6 | 35.6 | 33.7 | 52.7 | 38.5 | 23.1 | 41.0 | 17.6 | 62.2 |
| Meigs      | 653    | 21.9 | 24 | 2 | 21.8 |      |      | 28.0 | 26.6 | 21.1 | 29.3 | 13.0 |      |
| Mercer     | 1497   | 17.6 | 5  | 1 | 17.0 |      | 34.6 | 31.0 | 27   | 16.9 | 31.9 | 12.6 |      |
| Miami      | 2,964  | 20.9 | 18 | 1 | 20.0 | 35.4 | 43.4 | 32.9 | 38   | 19.1 | 34.5 | 11.3 | 46.7 |
| Monroe     | 363    | 26.7 | 53 | 3 | 27.0 |      |      |      |      | 24.3 | 28.8 | 14.3 | 78.6 |
| Montgomery | 15,301 | 25.4 | 48 | 3 | 21.3 | 36.3 | 37.9 | 50.4 | 37.9 | 23.3 | 37.7 | 14.5 | 54.4 |
| Morgan     | 463    | 22.0 | 26 | 2 | 22.4 |      |      |      | 30.2 | 21.1 | 25.3 | 14.6 |      |
| Morrow     | 991    | 30.1 | 65 | 3 | 30.2 |      |      | 34.1 | 31.5 | 29.7 | 31.1 | 18   | 88.1 |
| Muskingum  | 3,218  | 21.3 | 21 | 1 | 21.0 | 26.1 |      | 39.8 | 25.4 | 20.1 | 26.3 | 16.5 | 60.3 |
| Noble      | 443    | 24.8 | 45 | 3 | 24.8 |      |      |      | 30.3 | 23.9 | 26.5 | 10.9 | 83.3 |
| Ottawa     | 1,056  | 23.9 | 34 | 2 | 22.8 |      | 35.4 | 52.0 | 35.3 | 22.3 | 38.0 | 16.0 | 39.3 |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Paulding   | 612    | 28.1 | 59 | 3 | 27.6 |      | 34.3 |      | 34.2 | 27.4 | 33.1 | 27.0 |      |
| Perry      | 1,196  | 24.3 | 40 | 2 | 24.1 |      |      | 34.4 | 32.5 | 23.1 | 32.9 | 17.1 | 39.3 |
| Pickaway   | 1,410  | 23.8 | 32 | 2 | 23.8 |      |      | 44.4 | 33.6 | 22.2 | 35.4 | 16.4 | 47.8 |
| Pike       | 969    | 26.8 | 54 | 3 | 27.1 |      |      | 36.0 | 30.1 | 25.8 | 28.2 | 17.1 | 63.2 |
| Portage    | 3,635  | 22.5 | 28 | 2 | 21.7 | 36.9 | 25.0 | 51.8 | 35.9 | 20.9 | 36.4 | 14.2 | 51.8 |
| Preble     | 1,166  | 25.1 | 47 | 3 | 25.0 |      |      | 40.6 | 37.5 | 23.2 | 37.6 | 14.4 | 34.0 |
| Putnam     | 1,367  | 15.7 | 2  | 1 | 13.5 |      | 36.3 |      | 37.9 | 14.1 | 28.0 | 12.0 | 36.7 |
| Richland   | 4,265  | 30.8 | 67 | 4 | 29.7 | 37.7 | 39.2 | 39.6 | 41.2 | 29.1 | 38.8 | 16.5 | 72.8 |
| Ross       | 1,922  | 27   | 56 | 3 | 26.5 | 32.7 | 50.0 | 38.6 | 35.7 | 25.5 | 29.2 | 22.0 | 54.3 |
| Sandusky   | 1,944  | 34   | 77 | 4 | 31.7 | 59.6 | 41.9 | 44.8 | 43.1 | 32.8 | 45.2 | 26.2 | 58.7 |
| Scioto     | 2,656  | 28.5 | 60 | 3 | 28.1 | 39.6 |      | 39.0 | 34.3 | 27.1 | 36.0 | 14.0 | 60.0 |
| Seneca     | 1,767  | 20.6 | 16 | 1 | 19.6 | 23.7 | 34.0 | 41.9 | 32.3 | 19.1 | 29.5 | 13.3 | 70.3 |
| Shelby     | 1,633  | 20.4 | 14 | 1 | 19.3 | 30.0 | 63.6 | 46.2 | 28.9 | 18.7 | 32.3 | 12.3 | 61.0 |
| Stark      | 11,755 | 26.4 | 51 | 3 | 24.0 | 40.7 | 50.8 | 48.6 | 37.6 | 24.7 | 33.8 | 18.2 | 57.6 |
| Summit     | 13,074 | 27.2 | 57 | 3 | 23.2 | 39.8 | 37.2 | 55.3 | 42.2 | 25.0 | 41.3 | 15.9 | 53.5 |
| Trumbull   | 5,774  | 33.5 | 75 | 4 | 31.8 | 45.5 | 46.3 | 53.7 | 46.5 | 31.7 | 41.0 | 19.2 | 73.0 |
| Tuscarawas | 3,007  | 36.2 | 83 | 4 | 34.3 |      | 74.8 | 53.7 | 41.6 | 35.4 | 35.7 | 24.9 | 74.0 |
| Union      | 1,458  | 24.3 | 39 | 2 | 24.3 |      |      |      | 37.2 | 22.9 | 38.4 | 19.3 | 50.0 |
| Van Wert   | 974    | 36.9 | 84 | 4 | 36.9 |      | 42.9 |      | 44.0 | 35.9 | 39.4 | 36.9 |      |
| Vinton     | 413    | 26.9 | 55 | 3 | 26.6 |      |      |      | 25.6 | 26.9 | 29.3 | 17.0 |      |
| Warren     | 5,305  | 18.7 | 8  | 1 | 18.2 | 27.5 | 29.1 | 37.0 | 38.8 | 17.7 | 43.9 | 12.3 | 43.8 |
| Washington | 1,698  | 15.1 | 1  | 1 | 15.1 |      |      | 28.0 | 26.8 | 13.5 | 22.9 | 11.8 | 40.0 |
| Wayne      | 4,304  | 37   | 86 | 4 | 37.2 | 25.9 | 37.4 | 34.4 | 33.9 | 37.2 | 30.1 | 16.7 | 81.1 |
| Williams   | 1,122  | 21.7 | 22 | 1 | 20.7 |      | 36.2 | 38.2 | 30.4 | 20.4 | 28.0 | 15.6 | 48.5 |
| Wood       | 3,353  | 26.4 | 52 | 3 | 25.0 | 37.8 | 37.6 | 50.0 | 46.8 | 24.6 | 37.5 | 21.4 | 51.9 |
| Wyandot    | 747    | 20.5 | 15 | 1 | 18.9 |      | 60.7 |      | 18.8 | 20.8 | 20.8 | 15.6 | 55.6 |

**Table 5 Ohio and its Counties: Lack of Prenatal Care in First and Second Trimester (2006-2008)**  
*Overall and According to Demographic Factors*

|                      | Lack of Prenatal Care in 1 <sup>st</sup> & 2 <sup>nd</sup> Trimester: Overall |                      | Lack of Prenatal Care in 1 <sup>st</sup> & 2 <sup>nd</sup> Trimester: Race/Ethnicity (% live births) |          |          | Lack of Prenatal Care in 1 <sup>st</sup> & 2 <sup>nd</sup> Trimester: Age group (% live births) |             |           | Lack of Prenatal Care in 1 <sup>st</sup> & 2 <sup>nd</sup> Trimester: Health Insurance (% live births) |         |           |
|----------------------|---|----------------------|--|----------|----------|---|-------------|-----------|--|---------|-----------|
|                      | Live births (with information on prenatal care)                               | Rate (% live births) | White NH   | Black NH | Hispanic | ≤17 years   | 18-19 years | ≥20 years | Medicaid   | Private | Uninsured |
| <b>Ohio</b>          | 339,476   | 7.0                  | 5.5  | 13.4     | 12.4     | 13.2  | 9.5         | 6.6       | 9.4  | 3.5     | 22.6      |
| <b>Ohio Counties</b> |   |                      |  |          |          |   |             |           |  |         |           |
| Adams                | 928   | 5.1                  | 4.9  |          |          | 7.0   | 7.1         | 4.8       | 4.8  | 1.6     | 9.4       |
| Allen                | 3,659   | 3.4                  | 3.0  | 5.3      | 1.1      | 5.6   | 3.9         | 3.2       | 4.5  | 1.1     | 16.7      |
| Ashland              | 1,750   | 10.7                 | 10.8   |          |          | 6.9   | 10.2        | 10.8      | 6.1  | 2.7     | 41.0      |
| Ashtabula            | 3,152   | 6.9                  | 6.6  | 12.1     | 7.7      | 8.1   | 9.4         | 6.6       | 8.2  | 2.7     | 20.4      |
| Athens               | 1,353   | 4.2                  | 4.1  | 7.5      |          | 0.0   | 3.8         | 4.4       | 4.2  | 3.4     | 18.8      |
| Auglaize             | 1,664   | 3.1                  | 2.9  |          | 3.4      | 8.8   | 6.8         | 2.6       | 5.7  | 1.4     | 10.7      |
| Belmont              | 1,662   | 4.2                  | 4.2  | 7.7      |          | 6.5   | 4.6         | 4.1       | 5.8  | 2.3     | 29.5      |
| Brown                | 1,159   | 3.9                  | 3.6  |          |          | 5.7   | 7.4         | 3.4       | 4.8  | 2.0     | 17.2      |
| Butler               | 11,305  | 7.5                  | 5.8  | 12.0     | 20.9     | 13.7  | 11.5        | 7.0       | 11.6   | 2.5     | 24.0      |
| Carroll              | 896   | 2.6                  | 2.5  |          |          |   | 0.0         | 2.6       | 3.1  | 1.3     | 10.9      |
| Champaign            | 1,314   | 5.6                  | 5.6  | 10.0     |          | 13.3  | 8.7         | 5         | 8.2  | 3.2     | 15.0      |
| Clark                | 4,926   | 8.4                  | 7.1  | 13.5     | 16.6     | 16.4  | 10.5        | 7.6       | 11.3   | 4.4     | 17.0      |
| Clermont             | 5,079   | 4.9                  | 4.7  | 12.3     | 9        | 11  | 8.1         | 4.5       | 9.3  | 1.8     | 18.2      |
| Clinton              | 1,262   | 3.3                  | 3.3  |          | 7.1      | 2.2   | 7.4         | 3.0       | 5.0  | 1.7     | 15.2      |
| Columbiana           | 3,198   | 4.7                  | 4.6  | 5.7      | 16.1     | 7.4   | 5.1         | 4.6       | 6.6  | 2.3     | 10.2      |
| Coshocton            | 1,080   | 4.1                  | 4.0  |          |          | 5.7   | 3.8         | 4.0       | 1.7  | 2.1     | 15.4      |
| Crawford             | 1,291   | 4.5                  | 4.5  |          |          | 9.6   | 2.3         | 4.5       | 5.4  | 1.4     | 33.3      |
| Cuyahoga             | 41,115  | 8.1                  | 5.5  | 12.2     | 9.2      | 15.5  | 12.0        | 7.4       | 11.8   | 3.0     | 27.6      |
| Darke                | 1,636   | 2.2                  | 2.1  |          |          | 0.0   | 4.6         | 2.0       | 3.1  | 1.0     | 3.1       |
| Defiance             | 1,252   | 3.2                  | 3.1  |          | 3        | 9.4   | 3.2         | 3.0       | 4.1  | 1.3     | 29.3      |
| Delaware             | 4,475   | 8.3                  | 8.0  | 11.3     | 10.4     | 10.6  | 9.9         | 8.2       | 9.1  | 7.9     | 20.5      |
| Erie                 | 2,212   | 3.6                  | 3.1  | 7.0      | 4.3      | 6.1   | 2.3         | 3.7       | 5.8  | 1.4     | 17.4      |
| Fairfield            | 4,123   | 4.7                  | 4.7  | 4.7      | 4.7      | 12.5  | 6.2         | 4.5       | 5.8  | 3.6     | 24.7      |

|            |        |      |      |      |      |      |      |      |      |      |      |
|------------|--------|------|------|------|------|------|------|------|------|------|------|
| Fayette    | 976    | 3.7  | 3.6  | 0.0  | 6.9  | 6.1  | 6.9  | 3.2  | 4.1  | 2.3  | 10   |
| Franklin   | 33,609 | 13.3 | 12.2 | 15.8 | 13.4 | 19.0 | 16.2 | 12.9 | 14.7 | 11.8 | 21.4 |
| Fulton     | 1,255  | 3.2  | 2.3  |      | 10.4 |      | 5.3  | 3.1  | 6.6  | 0.8  | 14.9 |
| Gallia     | 1,021  | 5.3  | 5.5  |      |      | 5.4  | 0.0  | 6.0  | 2.6  | 0.4  | 36.5 |
| Geauga     | 2,510  | 7.3  | 7.3  | 7.1  | 14.8 |      | 10.8 | 7.3  | 9.6  | 2.4  | 16.8 |
| Greene     | 3,921  | 3.5  | 3.1  | 7.4  | 5.9  | 7.4  | 7.6  | 3.2  | 7.2  | 1.4  | 23.5 |
| Guernsey   | 1,470  | 4.0  | 4.0  |      |      | 4.8  | 3.5  | 4.0  | 3.5  | 0.5  | 25.5 |
| Hamilton   | 20,162 | 16.4 | 8.8  | 25.6 | 35.6 | 30.4 | 23.6 | 15.2 | 25.3 | 4.6  | 34.9 |
| Hancock    | 2,727  | 3.1  | 2.9  | 3.5  | 4.8  | 8.1  | 4.4  | 2.8  | 5.2  | 1.9  | 10.5 |
| Hardin     | 1,040  | 10.2 | 10.2 |      |      | 5.9  | 8.4  | 10.5 | 6.6  | 1.5  | 56.7 |
| Harrison   | 448    | 6.5  | 6.5  |      |      |      | 5.7  | 6.8  | 6.7  | 2.8  | 34.5 |
| Henry      | 967    | 2.6  | 2.2  |      | 5.9  |      | 4.8  | 2.2  | 3.7  | 1.1  |      |
| Highland   | 1,446  | 4.9  | 4.7  |      |      | 6.9  | 5.3  | 4.8  | 4.5  | 2.0  | 31.2 |
| Hocking    | 853    | 4.3  | 4.4  |      |      |      | 4.8  | 4.3  | 5.1  | 3.0  | 9.7  |
| Holmes     | 2,209  | 8.6  | 8.5  |      |      |      | 9.8  | 8.5  | 4.7  | 2.1  | 11.7 |
| Huron      | 2,129  | 3.9  | 2.7  |      | 11.7 | 9.0  | 6.3  | 3.4  | 5.2  | 1.0  | 12.8 |
| Jackson    | 1,040  | 6.4  | 6.5  |      |      | 0.0  | 6.3  | 6.7  | 5.6  | 1.1  | 50.8 |
| Jefferson  | 1,720  | 6.3  | 6.1  | 7.9  |      | 11.9 | 5.6  | 6.1  | 8.1  | 3.0  | 28.3 |
| Knox       | 1,833  | 8.0  | 7.9  |      |      | 7.1  | 1.8  | 8.5  | 4.5  | 4.6  | 27.3 |
| Lake       | 6,460  | 3.9  | 3.1  | 11.4 | 7.6  | 14.3 | 8.4  | 3.5  | 8.5  | 1.7  | 14.4 |
| Lawrence   | 1,533  | 5.2  | 5.2  | 3.8  |      | 4.3  | 9.6  | 4.7  | 10.8 | 3.8  |      |
| Licking    | 4,942  | 5.3  | 5.3  | 4.8  | 9.5  | 4.3  | 7.7  | 5.2  | 5.4  | 4.6  | 26.6 |
| Logan      | 1,707  | 4.2  | 4.1  | 5.6  | 3.7  | 5.6  | 6.8  | 3.9  | 4.2  | 1.7  | 29.9 |
| Lorain     | 9,616  | 6.2  | 5.3  | 12.8 | 7.2  | 9.3  | 10.4 | 5.8  | 9.9  | 2.6  | 26.4 |
| Lucas      | 13,447 | 5.3  | 4.2  | 7.8  | 7.5  | 11.8 | 6.5  | 4.9  | 7.5  | 1.6  | 30.3 |
| Madison    | 1,141  | 6.1  | 6.1  |      |      | 3.1  | 6.5  | 6.2  | 8.0  | 4.6  | 11.3 |
| Mahoning   | 7,505  | 5.9  | 4.0  | 10.6 | 8.6  | 14.6 | 8.9  | 5.2  | 8.8  | 2.5  | 16.5 |
| Marion     | 2,165  | 8.2  | 7.1  | 11.4 | 32.9 | 11.7 | 7.0  | 8.2  | 10.2 | 4.4  | 31.7 |
| Medina     | 4,658  | 4.2  | 4.0  | 5.5  | 6.7  | 16.4 | 9.1  | 3.8  | 8.3  | 1.8  | 31.1 |
| Meigs      | 653    | 5.7  | 5.7  |      |      | 8.0  | 1.6  | 6.0  | 5.8  | 2.9  |      |
| Mercer     | 1,497  | 2.7  | 2.3  |      | 11.5 | 6.9  | 6.8  | 2.4  | 6.2  | 1.4  |      |
| Miami      | 2,964  | 3.5  | 3.4  | 4.6  | 9.4  | 3.7  | 9.3  | 3.0  | 5.5  | 1.1  | 20.6 |
| Monroe     | 363    | 5.5  | 5.6  |      |      |      |      | 5.9  | 4.8  | 2.0  | 23.8 |
| Montgomery | 15,301 | 5.4  | 4.0  | 9.4  | 7.7  | 16.0 | 8.5  | 4.8  | 8.3  | 1.9  | 21.9 |
| Morgan     | 463    | 4.8  | 5.0  |      |      |      | 9.3  | 4.4  | 4.5  | 1.6  |      |
| Morrow     | 991    | 9.4  | 9.3  |      |      | 2.4  | 5.6  | 10.1 | 5.4  | 4.5  | 53.6 |
| Muskingum  | 3,218  | 3.1  | 3.0  | 4.2  |      | 11.0 | 2.0  | 2.9  | 3.8  | 1.7  | 21.8 |
| Noble      | 443    | 7.5  | 7.6  |      |      |      | 12.1 | 7.0  | 3.9  | 2.5  | 43.8 |

|            |        |     |     |      |      |      |     |     |     |     |      |
|------------|--------|-----|-----|------|------|------|-----|-----|-----|-----|------|
| Ottawa     | 1,056  | 4.0 | 3.4 |      | 13.8 | 16   | 5.9 | 3.5 | 6.1 | 2.2 | 17.9 |
| Paulding   | 612    | 3.3 | 3.2 |      | 5.7  |      | 2.6 | 3.2 | 4.1 | 1.5 |      |
| Perry      | 1,196  | 4.7 | 4.7 |      |      | 6.3  | 6.8 | 4.4 | 6.8 | 2.6 | 14.3 |
| Pickaway   | 1,410  | 5.5 | 5.6 |      |      | 8.9  | 3.6 | 5.6 | 5.5 | 4.4 | 23.9 |
| Pike       | 969    | 5.1 | 5.2 |      |      | 8.0  | 4.1 | 5.0 | 5.0 | 2.4 | 28.9 |
| Portage    | 3,635  | 4.4 | 4.1 | 10.6 | 6.3  | 9.4  | 6.4 | 4.2 | 6.8 | 2.6 | 12.9 |
| Preble     | 1,166  | 4.9 | 4.9 |      |      | 6.3  | 8.3 | 4.4 | 9.1 | 1.2 | 9.4  |
| Putnam     | 1,367  | 2.7 | 2.0 |      | 9.7  |      | 4.5 | 2.6 | 5.9 | 1.5 | 16.7 |
| Richland   | 4,265  | 6.2 | 5.8 | 9.5  | 8.9  | 7.0  | 6.2 | 6.2 | 6.7 | 3.1 | 20.6 |
| Ross       | 1,922  | 3.7 | 3.7 | 7.7  | 0.0  | 4.3  | 4.3 | 3.7 | 3.7 | 3.4 | 14.3 |
| Sandusky   | 1,944  | 4.0 | 3.0 | 1.9  | 10.9 | 6.9  | 4.2 | 3.9 | 4.8 | 2.2 | 27.0 |
| Scioto     | 2,656  | 7.0 | 6.9 | 13.2 |      | 8.1  | 7.0 | 7.0 | 9.2 | 2.3 | 44.0 |
| Seneca     | 1,767  | 2.7 | 2.4 | 5.3  | 5.0  | 4.7  | 3.2 | 2.6 | 4.8 | 0.8 | 18.9 |
| Shelby     | 1,633  | 2.9 | 2.4 | 3.3  | 21.2 | 3.8  | 3.0 | 2.9 | 4.8 | 0.7 | 31.7 |
| Stark      | 11,755 | 3.6 | 3.1 | 7.0  | 8.9  | 12.1 | 6.1 | 3.2 | 5.1 | 1.2 | 19.3 |
| Summit     | 13,074 | 5.4 | 4.3 | 8.8  | 5.4  | 11.0 | 8.2 | 4.9 | 8.4 | 2.2 | 28.4 |
| Trumbull   | 5,774  | 6.0 | 5.4 | 10.8 | 12.5 | 11.4 | 9.2 | 5.6 | 7.9 | 2.5 | 15.4 |
| Tuscarawas | 3,007  | 4.4 | 3.1 |      | 30.7 | 9.3  | 4.6 | 4.2 | 3.9 | 1.7 | 13.2 |
| Union      | 1,458  | 6.3 | 6.2 |      |      |      | 8.1 | 6.2 | 5.3 | 6.3 | 15.6 |
| Van Wert   | 974    | 3.4 | 3.2 |      | 10.7 |      | 4.0 | 3.3 | 4.9 | 1.7 |      |
| Vinton     | 413    | 4.8 | 4.6 |      |      |      | 2.6 | 5.3 | 2.8 | 2.0 |      |
| Warren     | 5,305  | 3.5 | 3.4 | 2.8  | 6.7  | 6.8  | 9.0 | 3.3 | 8.9 | 1.8 | 13.9 |
| Washington | 1,698  | 2.4 | 2.4 |      |      | 4.0  | 4.7 | 2.1 | 3.2 | 1.0 | 13.3 |
| Wayne      | 4,304  | 8.6 | 8.6 | 3.4  | 12.0 | 8.9  | 7.9 | 8.6 | 5.4 | 2.1 | 24.4 |
| Williams   | 1,122  | 3.9 | 3.7 |      | 6.9  | 8.8  | 5.4 | 3.6 | 5.8 | 1.3 | 15.2 |
| Wood       | 3,353  | 3.8 | 3.7 | 8.1  | 4.9  | 12.2 | 8.0 | 3.4 | 5.9 | 2.5 | 21.2 |
| Wyandot    | 747    | 2.1 | 1.6 |      | 17.9 |      | 0.0 | 2.4 | 1.5 | 0.9 | 13.9 |

**Table 6 Ohio and its Counties: Low Birth Weight (<2500 g) Infants (2006-2008)**  
*Overall and According to Demographic Factors*

|                      | Live births (with information on birthweight) | Low Birth Weight: Overall |                       |                                      | Low Birth Weight: By Race/Ethnicity (% live births) |          |          | Low Birth Weight: By Maternal Age (% live births) |             |           | Low Birth Weight: By Maternal Insurance (% of live births) |         |           |
|----------------------|---|---------------------------|-----------------------|--------------------------------------|---|----------|----------|---|-------------|-----------|--|---------|-----------|
|                      |   | Rate (% live births)      | Rank of County (1-88) | Quartile (1-4) among Ohio counties** | White NH  | Black NH | Hispanic | ≤17 years   | 18-19 years | ≥20 years | Medicaid   | Private | Uninsured |
| <b>Ohio</b>          | 449,343                                       | 8.7                       | -                     | -                                    | 7.6   | 14.4     | 7.7      | 11.2  | 10.6        | 8.5       | 10.7   | 7.1     | 8.3       |
| <b>Ohio Counties</b> |   |                           |                       |                                      |   |          |          |   |             |           |  |         |           |
| Adams                | 1,146   | 8.8                       | 68                    | 4                                    | 8.7   |          |          | 17.9  | 9.7         | 8.2       | 8.8  | 8.9     | 10.2      |
| Allen                | 4,246   | 8.4                       | 56                    | 3                                    | 6.9   | 14.7     | 9.3      | 7.0   | 10.4        | 8.2       | 9.9  | 6.6     | 10.5      |
| Ashland              | 2,044   | 7.1                       | 24                    | 2                                    | 7.3   |          | 0.0      | 10.5  | 6.6         | 7.1       | 10.2   | 6.5     | 3.6       |
| Ashtabula            | 3,811   | 7.9                       | 50                    | 3                                    | 7.8   | 14.2     | 7.0      | 11.9  | 5.7         | 8.0       | 9.0  | 5.4     | 5.9       |
| Athens               | 1,702   | 7.3                       | 30                    | 2                                    | 7.6   | 3.8      |          | 14.9  | 9.5         | 6.9       | 8.5  | 6.3     | 10.2      |
| Auglaize             | 1,860   | 6.1                       | 7                     | 1                                    | 6.2   |          | 3.0      | 4.8   | 5.2         | 6.2       | 7.3  | 5.3     | 10.8      |
| Belmont              | 2,126   | 6.8                       | 16                    | 1                                    | 6.7   | 14.6     |          | 6.6   | 7.0         | 6.8       | 5.0  | 5.7     | 2.1       |
| Brown                | 1,646   | 7.5                       | 36                    | 2                                    | 7.3   |          |          | 6.0   | 7.5         | 7.6       | 8.0  | 7.2     | 6.1       |
| Butler               | 15,353  | 7.9                       | 46                    | 3                                    | 7.5   | 12.3     | 7.0      | 9.0   | 8.3         | 7.8       | 9.4  | 6.9     | 8.7       |
| Carroll              | 1,016   | 8.8                       | 66                    | 3                                    | 8.8   |          |          |   | 13.5        | 8.5       | 10.4   | 8.4     | 5.6       |
| Champaign            | 1,541   | 8.0                       | 51                    | 3                                    | 7.9   | 15.6     |          | 7.3   | 9.7         | 7.8       | 8.5  | 7.2     | 11.6      |
| Clark                | 5,502   | 8.9                       | 69                    | 4                                    | 7.8   | 16       | 10.2     | 7.4   | 7.9         | 9.1       | 10.3   | 7.3     | 10.1      |
| Clermont             | 8,391   | 6.9                       | 18                    | 1                                    | 6.8   | 14.7     | 7.9      | 9.4   | 7.4         | 6.8       | 8.2  | 6.5     | 7.3       |
| Clinton              | 1,679   | 9.3                       | 74                    | 4                                    | 8.9   | 21.2     | 15.8     | 7.0   | 9.0         | 9.4       | 13.1   | 6.4     | 8.7       |
| Columbiana           | 3,615   | 7.5                       | 34                    | 2                                    | 7.4   | 17.1     | 5.4      | 10.4  | 7.9         | 7.3       | 8.1  | 6.4     | 3.6       |
| Coshocton            | 1,317   | 7.4                       | 32                    | 2                                    | 7.3   |          |          | 6.7   | 9.6         | 7.2       | 8.2  | 7.1     | 3.7       |
| Crawford             | 1,471   | 7.1                       | 23                    | 2                                    | 7.0   |          |          | 4.8   | 14.5        | 6.4       | 8.8  | 4.8     | 3.2       |
| Cuyahoga             | 49,349  | 10.5                      | 86                    | 4                                    | 7.3   | 15.2     | 10.0     | 14.0  | 12.8        | 10.2      | 12.7   | 7.5     | 13.1      |
| Darke                | 2,074   | 6.2                       | 9                     | 1                                    | 6.3   |          |          | 5.5   | 13.0        | 5.6       | 7.8  | 5.8     | 0.9       |
| Defiance             | 1,549   | 6.4                       | 11                    | 1                                    | 6.3   | 22.6     | 4.4      | 12.8  | 9.2         | 5.9       | 7.6  | 4.8     | 4.8       |
| Delaware             | 7,110   | 7.2                       | 25                    | 2                                    | 7.1   | 8.5      | 5.3      | 8.5   | 8.3         | 7.1       | 8.2  | 7.0     | 3.4       |
| Erie                 | 2,552   | 8.6                       | 61                    | 3                                    | 7.7   | 14.6     | 5.7      | 13.8  | 11.1        | 8.2       | 11.0   | 6.0     | 5.8       |
| Fairfield            | 5,262   | 7.5                       | 37                    | 2                                    | 7.2   | 13.7     | 4.4      | 7.2   | 7.8         | 7.5       | 9.7  | 6.3     | 6.8       |
| Fayette              | 1,188   | 7.7                       | 44                    | 2                                    | 7.9   | 9.4      | 2.9      | 14  | 8.0         | 7.4       | 9.1  | 7.0     | 2.3       |
| Franklin             | 54,689  | 9.6                       | 79                    | 4                                    | 7.9   | 14.0     | 7.7      | 12.9  | 12.2        | 9.3       | 12.5   | 8.0     | 8.7       |
| Fulton               | 1,598   | 6.4                       | 12                    | 1                                    | 6.3   |          | 5.2      | 11.5  | 14.4        | 5.7       | 8.3  | 5.5     | 3.8       |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Gallia     | 1,244  | 10.4 | 85 | 4 | 10.4 | 16.1 |      | 9.1  | 13.5 | 10.0 | 9.4  | 6.8  | 3.8  |
| Geauga     | 2,886  | 6.2  | 8  | 1 | 6.2  | 9.4  | 3.4  |      | 9.1  | 6.1  | 11   | 5.4  | 3.4  |
| Greene     | 5,379  | 7.3  | 27 | 2 | 7.2  | 10.3 | 7.4  | 9.4  | 10   | 7.1  | 9.1  | 6.7  | 9.6  |
| Guernsey   | 1,514  | 8.7  | 65 | 3 | 8.5  |      |      | 4.8  | 6.8  | 9.1  | 9.3  | 7.5  | 5.4  |
| Hamilton   | 35,261 | 10.3 | 83 | 4 | 7.7  | 14.8 | 8.1  | 12.9 | 12.0 | 10   | 13.2 | 7.9  | 11.2 |
| Hancock    | 2,850  | 7.8  | 45 | 3 | 7.5  | 17.5 | 6.9  | 10.1 | 9.0  | 7.6  | 10.0 | 7.0  | 1.0  |
| Hardin     | 1,178  | 7.6  | 39 | 2 | 7.2  |      |      | 13.2 | 12.9 | 6.9  | 9.5  | 6.5  | 10.7 |
| Harrison   | 545    | 7.5  | 35 | 2 | 7.2  |      |      |      | 20.5 | 6.5  | 9.6  | 3    | 3.3  |
| Henry      | 1,135  | 6.3  | 10 | 1 | 6.1  |      | 8.4  | 18.8 | 8.9  | 5.8  | 7.3  | 5.8  |      |
| Highland   | 1,778  | 7.6  | 38 | 2 | 7.7  | 7.7  |      | 6.9  | 4.1  | 8.0  | 8.1  | 6.3  | 13.2 |
| Hocking    | 1,058  | 8.6  | 60 | 3 | 8.7  |      |      | 15.2 | 9.3  | 8.3  | 8.4  | 8.1  | 15.4 |
| Holmes     | 2,378  | 5.0  | 2  | 1 | 5.0  |      |      |      | 6.9  | 5.0  | 5.0  | 7.3  | 3.6  |
| Huron      | 2,582  | 7.7  | 41 | 2 | 7.6  |      | 7.0  | 7.3  | 8.2  | 7.7  | 9.0  | 6.0  | 8.0  |
| Jackson    | 1,302  | 9.5  | 77 | 4 | 9.4  |      |      | 22.7 | 7.8  | 9.2  | 9.5  | 7.5  | 11.4 |
| Jefferson  | 2,176  | 7.9  | 49 | 3 | 7.8  | 11.8 |      | 12.1 | 8.4  | 7.7  | 6.2  | 4.3  | 2.0  |
| Knox       | 2,211  | 6.7  | 15 | 1 | 6.7  |      |      | 6.3  | 5.9  | 6.8  | 7.4  | 6.2  | 7.0  |
| Lake       | 7,593  | 7.4  | 33 | 2 | 7.4  | 13.0 | 4.2  | 9.0  | 6.5  | 7.4  | 9.3  | 6.1  | 4.4  |
| Lawrence   | 2,372  | 12.4 | 88 | 4 | 12.5 | 8.3  |      | 12.3 | 13.7 | 12.2 | 14.8 | 11.9 |      |
| Licking    | 6,220  | 7.9  | 47 | 3 | 7.5  | 17.6 | 7.8  | 9.5  | 10.0 | 7.7  | 8.3  | 8.2  | 7.6  |
| Logan      | 1,902  | 8.0  | 52 | 3 | 8.0  | 13.9 | 3.4  | 11.3 | 10.1 | 7.6  | 8.4  | 7.9  | 5.8  |
| Lorain     | 10,901 | 7.9  | 48 | 3 | 7.2  | 13.6 | 7.6  | 9.3  | 10.4 | 7.6  | 9.0  | 6.6  | 12.6 |
| Lucas      | 19,112 | 9.4  | 75 | 4 | 7.9  | 13.6 | 7.5  | 10.3 | 10.1 | 9.2  | 11.1 | 7.3  | 15.6 |
| Madison    | 1,488  | 6.9  | 19 | 1 | 6.7  | 13.2 | 6.7  | 8.7  | 5.9  | 7.0  | 8.1  | 5.9  | 6.2  |
| Mahoning   | 7,892  | 10.3 | 84 | 4 | 8.6  | 15.4 | 10.2 | 9.1  | 12.0 | 10.3 | 12.2 | 8.1  | 12.0 |
| Marion     | 2,413  | 9.0  | 71 | 4 | 8.9  | 17.4 | 3.4  | 9.4  | 10.4 | 8.8  | 9.6  | 7.0  | 11.6 |
| Medina     | 5,837  | 7.3  | 29 | 2 | 7.3  | 8.1  | 4.3  | 4.0  | 6.4  | 7.4  | 8.6  | 6.8  | 7.8  |
| Meigs      | 804    | 9.5  | 76 | 4 | 9.3  |      |      | 19.4 | 12.8 | 8.6  | 10.0 | 5.9  |      |
| Mercer     | 1,638  | 5.5  | 3  | 1 | 5.5  |      | 0    | 12.9 | 9.8  | 5.1  | 7.5  | 4.8  |      |
| Miami      | 3,720  | 7.7  | 40 | 2 | 7.7  | 12.8 | 1.6  | 5.6  | 11.7 | 7.4  | 9.7  | 6.4  | 8.5  |
| Monroe     | 464    | 10.6 | 87 | 4 | 10.7 |      |      |      | 11.5 | 10.1 | 9.3  | 2.8  | 8.3  |
| Montgomery | 21,632 | 8.8  | 67 | 4 | 7.2  | 13.1 | 6.3  | 10.9 | 10.6 | 8.5  | 10.7 | 7.0  | 12.0 |
| Morgan     | 509    | 8.6  | 62 | 3 | 8.4  |      |      |      | 25.5 | 6.8  | 12.1 | 4.6  |      |
| Morrow     | 1,266  | 8.5  | 58 | 3 | 8.6  |      |      | 9.4  | 10.8 | 8.2  | 9.7  | 7.8  | 4.2  |
| Muskingum  | 3,341  | 9.6  | 80 | 4 | 9.4  | 12.9 |      | 11.0 | 11.1 | 9.4  | 12.6 | 7.6  | 12.8 |
| Noble      | 467    | 7.1  | 21 | 1 | 7.2  |      |      |      | 6.1  | 6.7  | 8.4  | 6.2  | 3.9  |
| Ottawa     | 1,262  | 7.3  | 28 | 2 | 7.6  |      | 3.7  | 12.5 | 5.9  | 7.2  | 7.7  | 6.9  | 10.3 |
| Paulding   | 753    | 8.1  | 54 | 3 | 8.1  |      | 8.5  |      | 10.4 | 8.0  | 9.2  | 6.5  |      |
| Perry      | 1,345  | 8.6  | 59 | 3 | 8.4  |      |      | 2.3  | 12.1 | 8.4  | 10.5 | 6.7  | 2.9  |
| Pickaway   | 1,898  | 8.2  | 55 | 3 | 8.2  |      |      | 11.0 | 12.5 | 7.6  | 12.1 | 5.8  | 8.2  |

|            |        |      |    |   |      |      |      |      |      |      |      |     |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|-----|------|
| Pike       | 1,176  | 9.2  | 72 | 4 | 9.2  |      |      | 6.8  | 11.1 | 9.0  | 9.1  | 6.5 | 23.9 |
| Portage    | 4,852  | 7.7  | 42 | 2 | 7.3  | 14.9 | 6.7  | 12.2 | 10.1 | 7.4  | 12.3 | 6.9 | 5.4  |
| Preble     | 1,513  | 7.3  | 26 | 2 | 7.3  |      |      | 11.6 | 10.3 | 6.8  | 9.6  | 5.5 | 7.2  |
| Putnam     | 1,512  | 4.9  | 1  | 1 | 4.5  |      | 6.6  |      | 3.6  | 5.0  | 6.0  | 4.5 | 11.1 |
| Richland   | 4,787  | 8.7  | 64 | 3 | 7.7  | 17.4 | 7.3  | 8.1  | 10.8 | 8.5  | 10.7 | 6.7 | 7.6  |
| Ross       | 2,814  | 9.2  | 73 | 4 | 9.0  | 17.2 | 0.0  | 9.3  | 10.7 | 9.0  | 11.3 | 7.2 | 10.2 |
| Sandusky   | 2,360  | 8.4  | 57 | 3 | 7.6  | 15.6 | 11.2 | 8.6  | 7.7  | 8.5  | 10.6 | 6.7 | 6.7  |
| Scioto     | 3,020  | 9.9  | 81 | 4 | 9.9  | 15.8 | 3.8  | 8.7  | 9.0  | 10.1 | 9.0  | 7.3 | 23.5 |
| Seneca     | 2,158  | 7.7  | 43 | 2 | 7.7  | 10.4 | 6.6  | 15.9 | 9.5  | 7.3  | 8.9  | 7.0 | 7.0  |
| Shelby     | 2,124  | 6.5  | 13 | 1 | 6.3  | 13.0 | 4.3  | 14.8 | 7.3  | 6.0  | 7.2  | 5.7 | 11.9 |
| Stark      | 13,492 | 9.5  | 78 | 4 | 8.4  | 17.5 | 10.7 | 12.7 | 12.5 | 9.2  | 11.5 | 7.7 | 12.3 |
| Summit     | 19,637 | 8.6  | 63 | 3 | 7.4  | 13.3 | 6.3  | 11.3 | 11.9 | 8.3  | 10.3 | 7.4 | 8.7  |
| Trumbull   | 7,194  | 9.0  | 70 | 4 | 8.4  | 14.4 | 6.7  | 11.2 | 10   | 8.8  | 10.3 | 7.8 | 5.9  |
| Tuscarawas | 3,560  | 8.1  | 53 | 3 | 8.0  |      | 9.5  | 10.6 | 10.2 | 7.8  | 8.8  | 7.4 | 4.9  |
| Union      | 2,064  | 7.4  | 31 | 2 | 7.3  |      | 4.0  | 10.3 | 9.6  | 7.2  | 8.7  | 6.8 | 7.5  |
| Van Wert   | 1,167  | 6.0  | 4  | 1 | 5.9  |      | 8.6  | 11.1 | 3.2  | 6.1  | 5.9  | 5.2 |      |
| Vinton     | 533    | 10.1 | 82 | 4 | 10.0 |      |      |      | 5.9  | 10.5 | 11.2 | 6.2 | 17.9 |
| Warren     | 8,076  | 6.8  | 17 | 1 | 6.6  | 10.0 | 6.4  | 10.5 | 9.8  | 6.6  | 9.9  | 6.0 | 8.0  |
| Washington | 1,994  | 7.1  | 22 | 1 | 6.9  |      |      | 15.5 | 7.6  | 6.7  | 8.8  | 5.5 | 26.5 |
| Wayne      | 4,815  | 7.1  | 20 | 1 | 6.8  | 15.5 | 6.7  | 6.9  | 9.7  | 6.9  | 9.5  | 7.5 | 3.4  |
| Williams   | 1,393  | 6.0  | 5  | 1 | 6.0  |      | 8.1  | 4.2  | 7.0  | 6.0  | 8.0  | 3.8 | 9.8  |
| Wood       | 4,103  | 6.7  | 14 | 1 | 6.6  | 14.8 | 6.7  | 15.9 | 7.2  | 6.5  | 8.1  | 6.0 | 13.6 |
| Wyandot    | 856    | 6.1  | 7  | 1 | 5.8  |      | 8.1  |      | 4.9  | 6.3  | 6.9  | 5.7 | 4.9  |

**Table 7 Ohio and its Counties: Very Low Birth Weight (<1500 g) Newborns (2006-2008)**  
*Overall and According to Demographic Factors*

|                      | Low Birth Weight:<br>Overall                         |                            | Low Birth Weight:<br>By Race/Ethnicity<br>(% live births) |             |          | Low Birth Weight:<br>By Maternal Age<br>(% live births) |                |              | Low Birth Weight:<br>By Maternal Insurance<br>(% of live births) |         |           |
|----------------------|--|----------------------------|---|-------------|----------|---|----------------|--------------|--|---------|-----------|
|                      | Live births (with<br>information on<br>birth weight) | Rate<br>(% live<br>births) | White<br>NH   | Black<br>NH | Hispanic | ≤17<br>years  | 18-19<br>years | ≥20<br>years | Medicaid   | Private | Uninsured |
| <b>Ohio</b>          | 449,343  | 1.6                        | 1.3   | 3.3         | 1.4      | 2.4   | 2.0            | 1.6          | 1.9  | 1.3     | 1.8       |
| <b>Ohio Counties</b> |  |                            |   |             |          |   |                |              |  |         |           |
| Adams                | 1,146  | 1.7                        | 1.8   |             |          | 5.4   | 0.0            | 1.7          | 1.5  | 1.6     | 5.1       |
| Allen                | 4,246  | 1.5                        | 1.2   | 3.0         | 2.8      | 2.0   | 1.7            | 1.5          | 1.6  | 1.4     | 3.2       |
| Ashland              | 2,044  | 1.1                        | 1.1   |             | 0.0      | 2.6   | 0.9            | 1.1          | 1  | 1.1     | 1.7       |
| Ashtabula            | 3,811  | 1.7                        | 1.6   | 4.2         | 2.3      | 3.7   | 2.1            | 1.6          | 1.9  | 0.6     | 2.2       |
| Athens               | 1,702  | 1.2                        | 1.2   | 0.0         |          | 0.0   | 0.7            | 1.3          | 0.7  | 1.6     | 0         |
| Auglaize             | 1,860  | 1.1                        | 1.1   |             | 3.0      | 0.0   | 1.3            | 1.1          | 1.2  | 1.0     | 2.7       |
| Belmont              | 2,126  | 1.1                        | 1.1   | 0.0         |          | 0.0   | 1.6            | 1.1          | 0.3  | 1.1     | 0.0       |
| Brown                | 1,646  | 1.5                        | 1.3   |             |          | 0.0   | 2.7            | 1.4          | 1.4  | 1.7     | 0.0       |
| Butler               | 15,353   | 1.4                        | 1.2   | 3.6         | 0.9      | 1.8   | 1.4            | 1.4          | 1.4  | 1.3     | 1.3       |
| Carroll              | 1,016  | 1.7                        | 1.7   |             |          |   | 2.7            | 1.6          | 1.0  | 2.4     | 0.0       |
| Champaign            | 1,541  | 1.0                        | 1.0   | 0.0         |          | 0.0   | 2.2            | 1.0          | 1.2  | 0.8     | 2.3       |
| Clark                | 5,502  | 1.5                        | 1.3   | 3.4         | 0.4      | 1.9   | 1.7            | 1.5          | 1.6  | 1.2     | 2.6       |
| Clermont             | 8,391  | 1.2                        | 1.2   | 1.0         | 1.2      | 2.2   | 1.1            | 1.2          | 1.2  | 1.3     | 0.9       |
| Clinton              | 1,679  | 1.3                        | 1.1   | 9.1         | 5.3      | 1.4   | 2.1            | 1.2          | 1.8  | 1.1     | 0.0       |
| Columbiana           | 3,615  | 1.3                        | 1.3   | 4.9         | 0.0      | 1.9   | 0.3            | 1.4          | 0.6  | 1.3     | 0.0       |
| Coshocton            | 1,317  | 1.2                        | 1.2   |             |          | 2.2   | 1.9            | 1.1          | 1.1  | 1.8     | 0.5       |
| Crawford             | 1,471  | 0.8                        | 0.8   |             |          | 0.0   | 0.7            | 0.9          | 0.6  | 0.6     | 3.2       |
| Cuyahoga             | 49,349   | 2.3                        | 1.3   | 3.7         | 2.0      | 3.2   | 2.9            | 2.2          | 2.7  | 1.4     | 3.8       |
| Darke                | 2,074  | 0.9                        | 0.8   |             |          | 0.0   | 2.3            | 0.8          | 0.5  | 1.2     | 0.0       |
| Defiance             | 1,549  | 0.8                        | 0.8   | 0.0         | 0.6      | 0.0   | 1.5            | 0.7          | 0.8  | 0.6     | 2.4       |
| Delaware             | 7,110  | 1.4                        | 1.3   | 2.8         | 0.7      | 2.4   | 0.0            | 1.4          | 0.8  | 1.4     | 0.0       |
| Erie                 | 2,552  | 1.0                        | 1.0   | 1.4         | 0.0      | 1.1   | 1.9            | 0.9          | 1.6  | 0.6     | 0.0       |
| Fairfield            | 5,262  | 1.4                        | 1.4   | 1.7         | 0.0      | 0.9   | 1.2            | 1.4          | 1.6  | 1.3     | 1.5       |
| Fayette              | 1,188  | 1.1                        | 1.1   | 3.1         | 0.0      | 2.3   | 0.0            | 1.2          | 1.1  | 1.5     | 0.0       |
| Franklin             | 54,689   | 1.9                        | 1.4   | 3.3         | 1.2      | 2.4   | 2.7            | 1.9          | 2.4  | 1.6     | 1.8       |

|            |        |     |     |     |     |      |     |     |     |     |     |
|------------|--------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| Fulton     | 1,598  | 1.7 | 1.6 |     | 1.7 | 3.8  | 3.2 | 1.5 | 2.5 | 1.2 | 1.9 |
| Gallia     | 1,244  | 1.8 | 1.8 | 6.5 |     | 4.5  | 2.3 | 1.7 | 1.4 | 0.3 | 0.9 |
| Geauga     | 2,886  | 0.9 | 0.9 | 3.1 | 0.0 |      | 1.3 | 0.9 | 2.1 | 0.6 | 0.1 |
| Greene     | 5,379  | 1.2 | 1.3 | 1.4 | 0.0 | 1.7  | 1.6 | 1.2 | 1.8 | 1.1 | 1.5 |
| Guernsey   | 1,514  | 1.5 | 1.4 |     |     | 0.0  | 2.7 | 1.4 | 1.2 | 1.1 | 0.9 |
| Hamilton   | 35,261 | 2.1 | 1.4 | 3.4 | 1.4 | 3.6  | 2.5 | 2.0 | 2.9 | 1.5 | 1.9 |
| Hancock    | 2,850  | 1.3 | 1.2 | 5.3 | 1.1 | 0.0  | 1.4 | 1.3 | 1.7 | 1.1 | 1.0 |
| Hardin     | 1,178  | 1.5 | 1.4 |     |     | 0.0  | 5.0 | 1.3 | 1.6 | 1.5 | 2.7 |
| Harrison   | 545    | 0.9 | 1.0 |     |     |      | 2.3 | 0.8 | 1.2 | 0.6 | 0.0 |
| Henry      | 1,135  | 1.0 | 1.0 |     | 0.8 | 6.3  | 0.0 | 0.9 | 1.1 | 0.7 |     |
| Highland   | 1,778  | 1.4 | 1.3 | 7.7 |     | 0.0  | 1.8 | 1.4 | 0.8 | 1.5 | 3.3 |
| Hocking    | 1,058  | 1.7 | 1.7 |     |     | 9.1  | 1.9 | 1.4 | 1.6 | 0.9 | 7.7 |
| Holmes     | 2,378  | 1.0 | 1.0 |     |     |      | 1.4 | 1.0 | 0.4 | 1.7 | 0.7 |
| Huron      | 2,582  | 1.2 | 1.0 |     | 2.0 | 0.0  | 0.0 | 1.4 | 1.4 | 0.7 | 1.8 |
| Jackson    | 1,302  | 1.4 | 1.3 |     |     | 4.5  | 1.3 | 1.3 | 1.2 | 1.4 | 0.0 |
| Jefferson  | 2,176  | 1.5 | 1.5 | 2.8 |     | 3.3  | 2.1 | 1.4 | 0.7 | 0.0 | 0.0 |
| Knox       | 2,211  | 1.3 | 1.3 |     |     | 1.6  | 1.5 | 1.2 | 1.4 | 1.1 | 1.8 |
| Lake       | 7,593  | 1.3 | 1.2 | 3.8 | 0.7 | 0.7  | 2.3 | 1.2 | 1.5 | 0.8 | 2.5 |
| Lawrence   | 2,372  | 2.4 | 2.4 | 2.1 |     | 4.1  | 3.2 | 2.2 | 3.3 | 2.0 |     |
| Licking    | 6,220  | 1.6 | 1.4 | 5.2 | 3.3 | 3.9  | 1.9 | 1.5 | 1.0 | 2.0 | 0.8 |
| Logan      | 1,902  | 1.3 | 1.3 | 2.8 | 0.0 | 1.6  | 0.5 | 1.4 | 0.9 | 1.5 | 1.9 |
| Lorain     | 10,901 | 1.6 | 1.4 | 3.7 | 1.1 | 1.5  | 2.1 | 1.5 | 1.9 | 1.0 | 5.3 |
| Lucas      | 19,112 | 1.9 | 1.4 | 3.0 | 1.8 | 2.2  | 2.2 | 1.8 | 2.3 | 1.3 | 2.7 |
| Madison    | 1,488  | 1.1 | 1.0 | 7.9 | 0.0 | 2.2  | 0.0 | 1.2 | 1.7 | 0.6 | 0.0 |
| Mahoning   | 7,892  | 2.0 | 1.4 | 3.6 | 1.5 | 3.8  | 2.0 | 1.9 | 2.7 | 1.3 | 0.7 |
| Marion     | 2,413  | 1.1 | 1.0 | 3.3 | 1.1 | 2.3  | 1.0 | 1.1 | 1.2 | 1.1 | 0.0 |
| Medina     | 5,837  | 1.3 | 1.3 | 1.0 | 0.0 | 1.3  | 1.3 | 1.2 | 1.7 | 1.1 | 1.9 |
| Meigs      | 804    | 2.2 | 2.3 |     |     | 16.1 | 3.8 | 1.4 | 1.1 | 2.1 |     |
| Mercer     | 1,638  | 0.9 | 0.9 |     | 0.0 | 3.2  | 3.3 | 0.7 | 1.8 | 0.6 |     |
| Miami      | 3,720  | 1.0 | 0.9 | 3.8 | 0.0 | 0.9  | 0.4 | 1.0 | 0.8 | 0.9 | 2.8 |
| Monroe     | 464    | 1.3 | 1.3 |     |     |      | 0.0 | 1.4 | 0.9 | 0.0 | 2.1 |
| Montgomery | 21,632 | 1.5 | 1.0 | 2.7 | 1.3 | 1.4  | 1.4 | 1.5 | 1.8 | 1.2 | 2.4 |
| Morgan     | 509    | 1.6 | 1.2 |     |     |      | 2.1 | 1.3 | 3.0 | 0.8 |     |
| Morrow     | 1,266  | 1.2 | 1.1 |     |     | 0.0  | 3.6 | 1.0 | 0.8 | 1.2 | 3.1 |
| Muskingum  | 3,341  | 1.4 | 1.5 | 0.6 |     | 1.7  | 1.0 | 1.5 | 1.7 | 1.0 | 5.8 |
| Noble      | 467    | 0.6 | 0.7 |     |     |      | 0.0 | 0.5 | 1.1 | 0.5 | 0.0 |
| Ottawa     | 1,262  | 1.0 | 1.1 |     | 0.0 | 0.0  | 1.2 | 1.0 | 1.7 | 0.8 | 0.0 |
| Paulding   | 753    | 1.3 | 1.3 |     | 2.1 |      | 0.0 | 1.5 | 0.3 | 1.6 |     |

|            |        |     |     |     |     |     |     |     |     |     |     |
|------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Perry      | 1,345  | 1.8 | 1.6 |     |     | 2.3 | 1.4 | 1.8 | 2.0 | 1.3 | 0.0 |
| Pickaway   | 1,898  | 1.2 | 1.1 |     |     | 1.4 | 1.2 | 1.1 | 1.8 | 0.7 | 3.3 |
| Pike       | 1,176  | 1.6 | 1.7 |     |     | 0.0 | 3.5 | 1.4 | 1.8 | 1.2 | 2.2 |
| Portage    | 4,852  | 1.2 | 1.2 | 1.7 | 1.7 | 2.6 | 2   | 1.2 | 2.3 | 1.1 | 0.9 |
| Preble     | 1,513  | 0.9 | 0.9 |     |     | 0.0 | 2.1 | 0.8 | 1.0 | 1.0 | 0.0 |
| Putnam     | 1,512  | 0.7 | 0.4 |     | 2.2 |     | 1.2 | 0.6 | 1.7 | 0.3 | 5.6 |
| Richland   | 4,787  | 1.7 | 1.4 | 3.9 | 0.0 | 1.4 | 2.2 | 1.6 | 1.6 | 1.8 | 1.0 |
| Ross       | 2,814  | 1.6 | 1.7 | 0.0 | 0.0 | 1.6 | 1.4 | 1.6 | 1.5 | 1.9 | 4.1 |
| Sandusky   | 2,360  | 1.5 | 1.3 | 5.2 | 2.1 | 2.5 | 1.8 | 1.5 | 1.8 | 1.2 | 2.7 |
| Scioto     | 3,020  | 2.0 | 1.9 | 5.3 | 0.0 | 1.3 | 1.9 | 2.0 | 1.6 | 1.5 | 5.9 |
| Seneca     | 2,158  | 0.8 | 0.8 | 2.1 | 0.8 | 1.6 | 1.2 | 0.8 | 1.3 | 0.6 | 0.0 |
| Shelby     | 2,124  | 1.1 | 1.1 | 0.0 | 2.1 | 2.3 | 0.6 | 1.1 | 0.5 | 1.3 | 3.4 |
| Stark      | 13,492 | 1.9 | 1.6 | 3.8 | 3.3 | 3.4 | 3.0 | 1.8 | 2.2 | 1.5 | 2.6 |
| Summit     | 19,637 | 1.7 | 1.2 | 3.2 | 0.9 | 1.9 | 2.6 | 1.6 | 1.6 | 1.6 | 1.7 |
| Trumbull   | 7,194  | 1.5 | 1.5 | 1.7 | 0.0 | 3.3 | 1.9 | 1.4 | 1.8 | 1.3 | 0.0 |
| Tuscarawas | 3,560  | 1.5 | 1.4 |     | 5.8 | 1.5 | 0.4 | 1.6 | 1.2 | 1.5 | 1.7 |
| Union      | 2,064  | 1.4 | 1.4 |     | 0.0 | 2.6 | 2.9 | 1.2 | 1.3 | 1.5 | 0.0 |
| Van Wert   | 1,167  | 1.0 | 1.0 |     | 0.0 | 0.0 | 0.0 | 1.1 | 1.4 | 0.5 |     |
| Vinton     | 533    | 1.1 | 1.1 |     |     |     | 0.0 | 1.1 | 1.1 | 0.6 | 7.1 |
| Warren     | 8,076  | 1.3 | 1.3 | 2.2 | 0.4 | 3.5 | 2.2 | 1.2 | 1.8 | 1.1 | 1.4 |
| Washington | 1,994  | 1.6 | 1.6 |     |     | 1.7 | 1.8 | 1.5 | 1.7 | 1.4 | 5.9 |
| Wayne      | 4,815  | 1.0 | 1.0 | 1.4 | 1.1 | 2.0 | 0.4 | 1.1 | 1.1 | 1.4 | 0.3 |
| Williams   | 1,393  | 0.7 | 0.8 |     | 0.0 | 2.1 | 2.3 | 0.5 | 1.7 | 0.0 | 0.0 |
| Wood       | 4,103  | 1.0 | 1.0 | 3.7 | 1.1 | 1.1 | 0.4 | 1.1 | 0.8 | 1.1 | 0.0 |
| Wyandot    | 856    | 0.8 | 0.9 |     | 0.0 |     | 1.2 | 0.8 | 0.0 | 1.4 | 0.0 |

**Table 8 Ohio and its Counties: Preterm Births (less than 37 completed weeks of gestation) (2006-2008)**  
*Overall and according to demographic factors*

|                      | Live births<br>(with information<br>on gestational age) | Preterm Births:<br>Overall |                             |  | Preterm Births:<br>By Race/Ethnicity<br>(% live births) |             |          | Preterm Births:<br>By Age group<br>(% live births) |                |              | Preterm Births:<br>By Maternal Insurance<br>(% live births) |         |           |
|----------------------|---|----------------------------|-----------------------------|--|---|-------------|----------|--|----------------|--------------|---|---------|-----------|
|                      |   | Rate<br>(% live<br>births) | Rank of<br>County<br>(1-88) | Quartile<br>(1-4) among<br>Ohio counties | White<br>NH   | Black<br>NH | Hispanic | ≤17<br>years                                       | 18-19<br>years | ≥20<br>years | Medicaid  | Private | Uninsured |
| <b>Ohio</b>          | 449,343   | 12.8                       |                             |  | 11.7  | 17.9        | 13.1     | 16.2   | 13.8           | 12.6         | 14.5  | 11.3    | 12.6      |
| <b>Ohio Counties</b> |   |                            |                             |  |   |             |          |  |                |              |   |         |           |
| Adams                | 1,146   | 12.5                       | 53                          | 3  | 12.5  |             |          | 17.9   | 7.8            | 12.7         | 12.6  | 13.4    | 11.9      |
| Allen                | 4,246   | 11.7                       | 33                          | 2  | 10.7  | 16.5        | 8.4      | 11.9   | 11.6           | 11.7         | 12.3  | 11.1    | 10.5      |
| Ashland              | 2,044   | 10.2                       | 10                          | 1  | 10.1  |             | 17.2     | 10.5   | 10.4           | 10.2         | 11.3  | 10.7    | 6.3       |
| Ashtabula            | 3,811   | 11.5                       | 31                          | 2  | 11.4  | 17.5        | 9.3      | 14.1   | 9.3            | 11.6         | 12.3  | 9.8     | 10.0      |
| Athens               | 1,702   | 12.3                       | 49                          | 3  | 12.4  | 9.6         |          | 17.0   | 14.3           | 12.0         | 12.3  | 12.1    | 11.9      |
| Auglaize             | 1,860   | 8.8                        | 4                           | 1  | 9.0   |             | 3.0      | 4.8  | 8.5            | 8.9          | 11.8  | 7.1     | 16.2      |
| Belmont              | 2,126   | 12.6                       | 56                          | 3  | 12.2  | 29.2        |          | 11.8   | 13.9           | 12.5         | 11.6  | 10.9    | 8.5       |
| Brown                | 1,646   | 12.5                       | 55                          | 3  | 12.4  |             |          | 6.0  | 11.6           | 12.8         | 12.6  | 12.8    | 10.2      |
| Butler               | 15,353  | 12.0                       | 47                          | 3  | 11.5  | 16.7        | 13.7     | 12.6   | 12.4           | 12           | 13.5  | 10.9    | 13.7      |
| Carroll              | 1,016   | 14.2                       | 75                          | 4  | 14.2  |             |          |  | 17.6           | 13.9         | 16.2  | 15.1    | 5.6       |
| Champaign            | 1,541   | 12.7                       | 59                          | 3  | 12.5  | 21.9        |          | 18.2   | 11.9           | 12.6         | 14.2  | 11.4    | 9.3       |
| Clark                | 5,502   | 13.3                       | 66                          | 3  | 12.8  | 17.1        | 13.1     | 16.7   | 12.1           | 13.2         | 13.9  | 12.5    | 14.2      |
| Clermont             | 8,391   | 10.4                       | 13                          | 1  | 10.3  | 11.8        | 14       | 11.7   | 9.0            | 10.4         | 11.3  | 9.7     | 12.4      |
| Clinton              | 1,679   | 14.2                       | 76                          | 4  | 13.7  | 27.3        | 23.7     | 15.5   | 14.6           | 14.1         | 16.3  | 12.9    | 8.7       |
| Columbiana           | 3,615   | 11.7                       | 37                          | 2  | 11.6  | 17.1        | 10.8     | 10.4   | 11.6           | 11.8         | 11.9  | 11.9    | 10.8      |
| Coshocton            | 1,317   | 11.8                       | 41                          | 2  | 11.9  |             |          | 13.3   | 9.6            | 12.0         | 12.5  | 12.0    | 7.9       |
| Crawford             | 1,471   | 11.7                       | 36                          | 2  | 11.8  |             |          | 4.8  | 11.2           | 12.1         | 11.7  | 10.8    | 3.2       |
| Cuyahoga             | 49,349  | 14.7                       | 81                          | 4  | 11.7  | 19.1        | 15.5     | 18.7   | 16.6           | 14.4         | 16.9  | 11.7    | 18.9      |
| Darke                | 2,074   | 9.0                        | 5                           | 1  | 8.9   |             |          | 16.4   | 12.4           | 8.4          | 8.5   | 9.3     | 2.7       |
| Defiance             | 1,549   | 11.5                       | 29                          | 2  | 11.8  | 12.9        | 8.8      | 14.9   | 14.5           | 11.1         | 13.3  | 9.6     | 4.8       |
| Delaware             | 7,110   | 11.4                       | 26                          | 2  | 11.3  | 16.0        | 7.9      | 17.1   | 12.4           | 11.3         | 10.8  | 11.4    | 3.4       |
| Erie                 | 2,552   | 12.9                       | 63                          | 3  | 12.1  | 16.6        | 17.1     | 19.5   | 13.9           | 12.5         | 16.8  | 9.6     | 11.5      |
| Fairfield            | 5,262   | 11.1                       | 23                          | 2  | 11.2  | 11.3        | 3.3      | 11.7   | 12.7           | 11.0         | 12.6  | 10.0    | 12.8      |
| Fayette              | 1,188   | 13.6                       | 68                          | 4  | 13.2  | 25.0        | 14.7     | 16.3   | 15.2           | 13.3         | 16.6  | 10.5    | 18.2      |
| Franklin             | 54,689  | 13.4                       | 67                          | 4  | 12.0  | 17.2        | 12.6     | 17.3   | 14.9           | 13.2         | 15.9  | 11.9    | 13.8      |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|------|
| Fulton     | 1,598  | 9.8  | 8  | 1 | 9.7  |      | 8.7  | 15.4 | 12.8 | 9.4  | 10.8 | 9.1  | 9.6  |      |
| Gallia     | 1,244  | 14.7 | 80 | 4 | 14.6 | 25.8 |      | 15.9 | 15.8 | 14.5 | 16.0 | 11.9 | 4.7  |      |
| Geauga     | 2,886  | 10.7 | 16 | 1 | 10.8 | 18.8 | 3.4  |      | 11.7 | 10.7 | 15.2 | 10.4 | 5.5  |      |
| Greene     | 5,379  | 11.8 | 39 | 2 | 11.7 | 15.0 | 9.6  | 18.8 | 13.9 | 11.5 | 12.4 | 12.0 | 12.6 |      |
| Guernsey   | 1,514  | 12.0 | 46 | 3 | 12.0 |      |      | 9.5  | 19.9 | 11.2 | 12.6 | 11.0 | 7.1  |      |
| Hamilton   | 35,261 | 14.6 | 79 | 4 | 11.7 | 19.2 | 16.9 | 19.4 | 15.7 | 14.3 | 17.5 | 11.8 | 16.7 |      |
| Hancock    | 2,850  | 11.7 | 34 | 2 | 11.4 | 19.3 | 12.1 | 13.9 | 10.0 | 11.8 | 13.1 | 11.1 | 10.2 |      |
| Hardin     | 1,178  | 11.8 | 38 | 2 | 11.5 |      |      | 10.5 | 16.8 | 11.4 | 11.8 | 12.0 | 12.0 |      |
| Harrison   | 545    | 12.8 | 62 | 3 | 12.5 |      |      |      | 18.2 | 12.3 | 14.8 | 9.1  | 6.7  |      |
| Henry      | 1,135  | 9.0  | 6  | 1 | 9.0  |      | 7.6  | 9.4  | 10.1 | 8.9  | 9.2  | 8.3  |      |      |
| Highland   | 1,778  | 11.4 | 27 | 2 | 11.2 | 34.6 |      |      | 12.5 | 10.5 | 11.5 | 11.9 | 10.4 | 14.3 |
| Hocking    | 1,058  | 14.1 | 74 | 4 | 14.2 |      |      |      | 27.3 | 13.1 | 13.7 | 13.3 | 13.9 | 25.6 |
| Holmes     | 2,378  | 8.2  | 2  | 1 | 8.2  |      |      |      |      | 13.9 | 8.0  | 10.0 | 11   | 6.3  |
| Huron      | 2,582  | 10.8 | 18 | 1 | 10.2 |      |      | 15.2 | 12.5 | 10.7 | 10.7 | 12.3 | 8.2  | 15.5 |
| Jackson    | 1,302  | 15.7 | 83 | 4 | 15.6 |      |      |      | 18.2 | 16.9 | 15.4 | 15.0 | 15.4 | 14.3 |
| Jefferson  | 2,176  | 11.9 | 42 | 2 | 11.4 | 19.4 |      |      | 12.1 | 10.0 | 12.1 | 9.7  | 8.7  | 8.0  |
| Knox       | 2,211  | 10.8 | 17 | 1 | 10.8 |      |      |      | 10.9 | 8.1  | 10.9 | 12.7 | 9.5  | 10.9 |
| Lake       | 7,593  | 11.5 | 28 | 2 | 11.6 | 15.1 | 9.7  | 9.7  | 11.0 | 11.5 | 12.4 | 10.2 | 13.3 |      |
| Lawrence   | 2,372  | 18.9 | 88 | 4 | 18.9 | 22.9 |      |      | 16.4 | 18.1 | 19.1 | 16.4 | 16.8 |      |
| Licking    | 6,220  | 12.4 | 51 | 3 | 12.0 | 19.5 | 12.2 | 15.1 | 15.2 | 12.1 | 11.8 | 12.9 | 13.6 |      |
| Logan      | 1,902  | 12.4 | 50 | 3 | 12.4 | 16.7 | 10.3 | 17.7 | 13.8 | 12.0 | 12.2 | 12.4 | 11.7 |      |
| Lorain     | 10,901 | 12.2 | 48 | 3 | 11.3 | 18.6 | 13.2 | 15.2 | 13.3 | 12.1 | 12.7 | 11.3 | 19.0 |      |
| Lucas      | 19,112 | 12.6 | 57 | 3 | 11.7 | 15.5 | 12.2 | 14.4 | 13.5 | 12.5 | 13.9 | 11.1 | 19.6 |      |
| Madison    | 1,488  | 12.0 | 44 | 2 | 11.8 | 13.2 | 16.7 | 17.4 | 10.9 | 11.9 | 11.9 | 12.4 | 4.6  |      |
| Mahoning   | 7,892  | 14.6 | 78 | 4 | 12.9 | 19.2 | 15.3 | 15.8 | 14.4 | 14.5 | 16.7 | 12.0 | 20.0 |      |
| Marion     | 2,413  | 12.7 | 58 | 3 | 12.0 | 30.4 | 10.3 | 13.3 | 14.0 | 12.4 | 14.3 | 10.1 | 18.8 |      |
| Medina     | 5,837  | 11.9 | 43 | 2 | 11.8 | 22.2 | 6.8  | 17.3 | 10.3 | 11.9 | 15.4 | 11.2 | 9.1  |      |
| Meigs      | 804    | 14.2 | 77 | 4 | 14.0 |      |      |      | 16.1 | 19.2 | 13.5 | 13.2 | 11.8 |      |
| Mercer     | 1,638  | 8.4  | 3  | 1 | 8.4  |      |      | 6.9  | 12.9 | 13.0 | 8.1  | 10.3 | 7.3  |      |
| Miami      | 3,720  | 10.6 | 15 | 1 | 10.5 | 16.7 | 14.1 | 9.3  | 13.1 | 10.5 | 11.3 | 10.1 | 12.8 |      |
| Monroe     | 464    | 12.5 | 54 | 3 | 12.4 |      |      |      | 11.5 | 12.2 | 11.1 | 8.3  | 6.3  |      |
| Montgomery | 21,632 | 12.4 | 52 | 3 | 11.0 | 16.3 | 11.7 | 13.7 | 12.4 | 12.4 | 13.5 | 11.2 | 16.9 |      |
| Morgan     | 509    | 15.7 | 84 | 4 | 15.2 |      |      |      | 23.4 | 14.1 | 19.7 | 11.8 |      |      |
| Morrow     | 1,266  | 14.0 | 72 | 4 | 14.0 |      |      |      | 15.1 | 18.9 | 13.4 | 14.9 | 14.4 | 5.2  |
| Muskingum  | 3,341  | 15.9 | 85 | 4 | 15.6 | 18.1 |      |      | 26.3 | 19.4 | 15.1 | 19.2 | 14.0 | 16.3 |
| Noble      | 467    | 11.3 | 24 | 2 | 11.5 |      |      |      |      | 9.1  | 11.2 | 8.4  | 12.8 | 9.8  |
| Ottawa     | 1,262  | 10.9 | 22 | 1 | 11.1 |      |      | 9.9  | 12.5 | 14.1 | 10.7 | 10.8 | 10.5 | 24.1 |
| Paulding   | 753    | 8.1  | 1  | 1 | 8.3  |      |      | 4.3  |      | 12.5 | 7.9  | 9.5  | 3.9  |      |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Perry      | 1,345  | 14.1 | 73 | 4 | 13.9 |      |      | 9.1  | 15.6 | 14.1 | 16.6 | 11.9 | 5.9  |
| Pickaway   | 1,898  | 14.0 | 71 | 4 | 14.2 |      |      | 21.9 | 14.3 | 13.6 | 18.0 | 11.8 | 9.8  |
| Pike       | 1,176  | 14.8 | 82 | 4 | 15.0 |      |      | 16.9 | 20.1 | 13.9 | 16.2 | 10.9 | 19.6 |
| Portage    | 4,852  | 11.8 | 40 | 2 | 11.6 | 14.5 | 11.7 | 17.4 | 10.8 | 11.8 | 15.4 | 11.7 | 8.0  |
| Preble     | 1,513  | 11.4 | 25 | 2 | 11.4 |      |      | 16.3 | 14.4 | 10.9 | 12.2 | 10.8 | 11.6 |
| Putnam     | 1,512  | 10.0 | 9  | 1 | 9.6  |      | 12.4 |      | 9.6  | 9.9  | 13.0 | 8.8  | 19.4 |
| Richland   | 4,787  | 12.0 | 45 | 3 | 11.2 | 19.6 | 6.1  | 16.3 | 13.1 | 11.7 | 14.1 | 10.3 | 10.0 |
| Ross       | 2,814  | 13.9 | 70 | 4 | 13.8 | 14.9 | 16.1 | 13.2 | 12.7 | 14.0 | 14.7 | 13.5 | 2.0  |
| Sandusky   | 2,360  | 13.0 | 65 | 3 | 12.3 | 19.5 | 15.0 | 9.9  | 10.9 | 13.3 | 13.7 | 12.5 | 10.7 |
| Scioto     | 3,020  | 16.0 | 86 | 4 | 16.0 | 22.8 | 7.7  | 15.4 | 11.6 | 16.5 | 14.3 | 13.0 | 32.4 |
| Seneca     | 2,158  | 11.5 | 30 | 2 | 11.2 | 16.7 | 13.2 | 15.9 | 12.4 | 11.3 | 13.3 | 10.2 | 16.3 |
| Shelby     | 2,124  | 10.9 | 20 | 1 | 10.6 | 15.2 | 14.9 | 21.6 | 10.2 | 10.4 | 11.5 | 9.9  | 20.3 |
| Stark      | 13,492 | 12.7 | 60 | 3 | 11.9 | 18.6 | 15.9 | 16.3 | 14.6 | 12.5 | 14.3 | 11.4 | 14.0 |
| Summit     | 19,637 | 13.0 | 64 | 3 | 11.6 | 18.0 | 12.6 | 16.6 | 15.1 | 12.7 | 14.3 | 12.0 | 14.8 |
| Trumbull   | 7,194  | 11.7 | 35 | 2 | 11.6 | 13.4 | 7.7  | 14.1 | 10.9 | 11.7 | 12.5 | 11.5 | 9.3  |
| Tuscarawas | 3,560  | 12.8 | 61 | 3 | 12.8 |      | 14.6 | 22.7 | 12.1 | 12.6 | 13.8 | 12.3 | 8.4  |
| Union      | 2,064  | 11.7 | 32 | 2 | 11.6 |      | 8.0  | 17.9 | 14.4 | 11.4 | 12.9 | 11.2 | 15.0 |
| Van Wert   | 1,167  | 10.3 | 11 | 1 | 10.1 |      | 14.3 | 25.9 | 6.3  | 10.2 | 10.7 | 8.4  |      |
| Vinton     | 533    | 18.6 | 87 | 4 | 18.7 |      |      |      | 13.7 | 18.7 | 20.7 | 15.2 | 21.4 |
| Warren     | 8,076  | 10.6 | 14 | 1 | 10.6 | 10.0 | 8.5  | 14.0 | 14.2 | 10.4 | 11.8 | 10.2 | 11.0 |
| Washington | 1,994  | 13.6 | 69 | 4 | 13.6 |      |      | 19.0 | 15.3 | 13.3 | 16.6 | 10.9 | 26.5 |
| Wayne      | 4,815  | 10.9 | 21 | 1 | 10.8 | 16.9 | 8.9  | 14.7 | 12.4 | 10.7 | 14.8 | 11.5 | 5.1  |
| Williams   | 1,393  | 9.5  | 7  | 1 | 9.4  |      | 10.8 | 12.5 | 8.5  | 9.5  | 10.4 | 8.4  | 14.6 |
| Wood       | 4,103  | 10.3 | 12 | 1 | 10.5 | 9.9  | 10.4 | 26.1 | 9.7  | 10.0 | 11.1 | 9.6  | 22.0 |
| Wyandot    | 856    | 10.9 | 19 | 1 | 10.5 |      | 10.8 |      | 7.4  | 11.1 | 10.1 | 10.6 | 9.8  |

**Table 9: Ohio and its Counties: Very Preterm Births (less than 32 completed weeks of gestation) (2006-2008)**  
*Overall and According to Demographic Factors*

|                      | Extreme Preterm Births:<br>Overall |                         | Extreme Preterm Births<br>by Race/Ethnicity<br>(% live births) |             |          | Extreme Preterm Births<br>by Age group<br>(% live births) |                |               | Extreme Preterm Births:<br>by Maternal Insurance<br>(% live births) |         |               |
|----------------------|------------------------------------|-------------------------|--|-------------|----------|---|----------------|---------------|---|---------|---------------|
|                      |                                    | Rate<br>(% live births) | White<br>NH***   | Black<br>NH | Hispanic | <17 years   | 18-19<br>years | >=20<br>years | Medicaid  | Private | Unins<br>ured |
| <b>Ohio</b>          | 449,343                            | 2.2                     | 1.8  | 4.0         | 2.1      | 3.5   | 2.7            | 2.1           | 2.6   | 1.7     | 2.5           |
| <b>Ohio Counties</b> |                                    |                         |  |             |          |   |                |               |   |         |               |
| Adams                | 1,146                              | 2.4                     | 2.3  |             |          | 5.4   | 0.0            | 2.4           | 2.1   | 1.6     | 8.5           |
| Allen                | 4,246                              | 1.9                     | 1.4  | 3.7         | 3.7      | 2   | 2.2            | 1.8           | 1.8   | 1.6     | 5.3           |
| Ashland              | 2,044                              | 1.6                     | 1.6  |             | 0        | 2.6   | 0.9            | 1.6           | 1.5   | 1.6     | 1.7           |
| Ashtabula            | 3,811                              | 2.2                     | 2.1  | 5.8         | 1.2      | 2.2   | 1.8            | 2.2           | 2.2   | 1.4     | 2.6           |
| Athens               | 1,702                              | 2.2                     | 2.2  | 1.9         |          | 6.4   | 2.7            | 2.1           | 1.7   | 2.6     | 1.7           |
| Auglaize             | 1,860                              | 1.5                     | 1.4  |             | 3.0      | 0.0   | 2.0            | 1.4           | 2.1   | 1.2     | 2.7           |
| Belmont              | 2,126                              | 1.8                     | 1.9  | 0.0         |          | 0.0   | 1.1            | 1.9           | 1.2   | 1.6     | 0.0           |
| Brown                | 1,646                              | 2.1                     | 2.0  |             |          | 0.0   | 3.4            | 2.1           | 1.9   | 2.6     | 2.0           |
| Butler               | 15,353                             | 1.9                     | 1.7  | 4.0         | 1.7      | 2.8   | 2.0            | 1.9           | 2.1   | 1.6     | 2.4           |
| Carroll              | 1,016                              | 2.2                     | 2.2  |             |          |   | 2.7            | 2.2           | 2.4   | 2.8     | 0.0           |
| Champaign            | 1,541                              | 1.5                     | 1.5  | 0.0         |          | 1.8   | 0.0            | 1.6           | 1.9   | 1.2     | 2.3           |
| Clark                | 5,502                              | 2.1                     | 1.8  | 4.0         | 1.5      | 3.3   | 2.0            | 2.0           | 2.2   | 1.5     | 5.6           |
| Clermont             | 8,391                              | 1.6                     | 1.6  | 2.0         | 2.4      | 2.8   | 1.5            | 1.6           | 1.6   | 1.7     | 1.7           |
| Clinton              | 1,679                              | 2.3                     | 2.2  | 6.1         | 5.3      | 2.8   | 2.1            | 2.3           | 3.1   | 2.0     | 0.0           |
| Columbiana           | 3,615                              | 1.6                     | 1.7  | 2.4         | 0.0      | 1.9   | 0.3            | 1.8           | 1.3   | 2.1     | 0.0           |
| Coshocton            | 1,317                              | 1.6                     | 1.6  |             |          | 0.0   | 1.9            | 1.6           | 1.6   | 2.2     | 0.5           |
| Crawford             | 1,471                              | 1.6                     | 1.6  |             |          | 0.0   | 0.7            | 1.8           | 1.7   | 1.3     | 3.2           |
| Cuyahoga             | 49,349                             | 3.0                     | 1.9  | 4.7         | 3.0      | 5.7   | 3.8            | 2.8           | 3.8   | 1.9     | 5.1           |
| Darke                | 2,074                              | 1.2                     | 1.1  |             |          | 1.8   | 4.5            | 0.8           | 0.8   | 1.3     | 0.0           |
| Defiance             | 1,549                              | 1.5                     | 1.7  | 0.0         | 0.6      | 2.1   | 2.3            | 1.5           | 1.3   | 1.5     | 0.0           |
| Delaware             | 7,110                              | 1.7                     | 1.6  | 3.8         | 0.7      | 2.4   | 2.8            | 1.7           | 2.2   | 1.6     | 0.0           |
| Erie                 | 2,552                              | 1.3                     | 1.2  | 2.0         | 1.0      | 1.1   | 2.3            | 1.2           | 2.0   | 0.8     | 0.0           |
| Fairfield            | 5,262                              | 2.0                     | 2.0  | 2.4         | 0.0      | 0.9   | 1.9            | 2.1           | 2.5   | 1.8     | 2.3           |
| Fayette              | 1,188                              | 1.9                     | 1.8  | 6.3         | 2.9      | 4.7   | 0.7            | 2.0           | 1.8   | 2.1     | 2.3           |
| Franklin             | 54,689                             | 2.5                     | 1.9  | 4.1         | 1.9      | 4.0   | 3.5            | 2.4           | 3.1   | 2.0     | 2.6           |
| Fulton               | 1,598                              | 1.9                     | 1.9  |             | 2.3      | 0.0   | 3.2            | 1.9           | 2.5   | 1.5     | 3.8           |

|            |        |     |     |     |     |      |     |     |     |     |      |
|------------|--------|-----|-----|-----|-----|------|-----|-----|-----|-----|------|
| Gallia     | 1,244  | 2.3 | 2.2 | 6.5 |     | 4.5  | 2.3 | 2.2 | 1.9 | 1.0 | 0.9  |
| Geauga     | 2,886  | 1.4 | 1.4 | 3.1 | 0.0 |      | 2.6 | 1.3 | 3.8 | 0.9 | 0.1  |
| Greene     | 5,379  | 1.8 | 1.9 | 1.9 | 0.0 | 3.4  | 1.9 | 1.8 | 2.3 | 1.8 | 0.7  |
| Guernsey   | 1,514  | 1.9 | 1.8 |     |     | 0.0  | 3.4 | 1.8 | 2.0 | 1.4 | 0.9  |
| Hamilton   | 35,261 | 2.4 | 1.7 | 3.6 | 2.3 | 4.1  | 2.7 | 2.3 | 3.1 | 1.8 | 2.3  |
| Hancock    | 2,850  | 1.9 | 1.7 | 8.8 | 1.1 | 1.3  | 1.4 | 2.0 | 2.5 | 1.7 | 1.0  |
| Hardin     | 1,178  | 2.0 | 1.8 |     |     | 0.0  | 5.9 | 1.6 | 1.9 | 2.1 | 4.0  |
| Harrison   | 545    | 1.8 | 1.9 |     |     |      | 4.5 | 1.7 | 2.4 | 1.2 | 0.0  |
| Henry      | 1,135  | 1.1 | 1.1 |     | 1.7 | 3.1  | 2.5 | 1.0 | 1.7 | 0.8 |      |
| Highland   | 1,778  | 1.8 | 1.7 | 7.7 |     | 0.0  | 2.9 | 1.8 | 1.2 | 1.9 | 3.3  |
| Hocking    | 1,058  | 2.6 | 2.6 |     |     | 12.1 | 0.9 | 2.4 | 1.8 | 1.9 | 12.8 |
| Holmes     | 2,378  | 1.5 | 1.5 |     |     |      | 5.6 | 1.4 | 1.7 | 1.9 | 1.1  |
| Huron      | 2,582  | 1.9 | 1.6 |     | 3.6 | 0.0  | 2.1 | 2.0 | 2.2 | 0.9 | 4.0  |
| Jackson    | 1,302  | 1.9 | 2.0 |     |     | 4.5  | 1.9 | 1.8 | 1.8 | 1.6 | 2.9  |
| Jefferson  | 2,176  | 2.1 | 2.0 | 3.5 |     | 3.3  | 2.1 | 2.0 | 2.3 | 0.5 | 0.0  |
| Knox       | 2,211  | 1.6 | 1.6 |     |     | 1.6  | 0.7 | 1.6 | 1.7 | 1.5 | 1.8  |
| Lake       | 7,593  | 1.5 | 1.5 | 3.5 | 0.9 | 3.0  | 2.5 | 1.5 | 1.8 | 1.1 | 3.4  |
| Lawrence   | 2,372  | 2.8 | 2.9 | 2.1 |     | 4.1  | 2.8 | 2.8 | 3.3 | 1.0 |      |
| Licking    | 6,220  | 2.0 | 1.9 | 5.7 | 3.3 | 3.9  | 2.9 | 1.9 | 1.4 | 2.6 | 0.8  |
| Logan      | 1,902  | 1.6 | 1.7 | 2.8 | 0.0 | 1.6  | 1.1 | 1.7 | 0.8 | 2.2 | 2.9  |
| Lorain     | 10,901 | 2.3 | 2.0 | 4.6 | 2.1 | 2.6  | 3.2 | 2.2 | 2.4 | 1.9 | 5.3  |
| Lucas      | 19,112 | 2.6 | 2.1 | 3.7 | 2.9 | 3.0  | 2.8 | 2.5 | 3.1 | 1.8 | 5.3  |
| Madison    | 1,488  | 1.4 | 1.5 | 0.0 | 0.0 | 4.3  | 0.0 | 1.4 | 1.9 | 0.9 | 0.0  |
| Mahoning   | 7,892  | 2.7 | 1.9 | 4.9 | 3.1 | 4.1  | 4.2 | 2.5 | 3.6 | 1.7 | 3.3  |
| Marion     | 2,413  | 1.7 | 1.5 | 5.4 | 0.0 | 3.9  | 1.3 | 1.6 | 1.9 | 1.5 | 1.4  |
| Medina     | 5,837  | 1.8 | 1.8 | 1.0 | 0.9 | 1.3  | 2.6 | 1.8 | 3.5 | 1.4 | 1.3  |
| Meigs      | 804    | 2.4 | 2.4 |     |     | 9.7  | 3.8 | 1.9 | 1.1 | 2.5 |      |
| Mercer     | 1,638  | 1.3 | 1.4 |     | 0.0 | 3.2  | 5.4 | 1.1 | 2.6 | 0.8 |      |
| Miami      | 3,720  | 1.5 | 1.4 | 5.1 | 1.6 | 1.9  | 1.8 | 1.4 | 1.7 | 1.3 | 2.8  |
| Monroe     | 464    | 1.3 | 1.3 |     |     |      | 0.0 | 1.4 | 1.9 | 0.0 | 4.2  |
| Montgomery | 21,632 | 2.1 | 1.5 | 3.6 | 2.0 | 2.9  | 1.9 | 2.0 | 2.5 | 1.7 | 3.5  |
| Morgan     | 509    | 2.4 | 2.1 |     |     |      | 4.3 | 2.0 | 3.5 | 1.1 |      |
| Morrow     | 1,266  | 2.1 | 2.0 |     |     | 3.8  | 5.4 | 1.6 | 1.6 | 2.2 | 3.1  |
| Muskingum  | 3,341  | 2.1 | 2.0 | 1.9 |     | 1.7  | 1.6 | 2.1 | 2.5 | 1.6 | 7.0  |
| Noble      | 467    | 1.5 | 1.5 |     |     |      | 0.0 | 1.4 | 2.1 | 0.9 | 0.0  |
| Ottawa     | 1,262  | 1.6 | 1.6 |     | 1.2 | 0.0  | 4.7 | 1.4 | 2.2 | 1.3 | 3.4  |
| Paulding   | 753    | 1.2 | 1.2 |     | 2.1 |      | 2.1 | 1.2 | 0.7 | 1.3 |      |
| Perry      | 1,345  | 2.1 | 1.9 |     |     | 0.0  | 2.8 | 2.1 | 2.4 | 1.5 | 0.0  |

|            |        |     |     |     |     |     |     |     |     |     |      |
|------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Pickaway   | 1,898  | 2.2 | 2.2 |     |     | 4.1 | 3.0 | 2.1 | 3.2 | 1.4 | 4.9  |
| Pike       | 1,176  | 2.2 | 2.3 |     |     | 1.7 | 4.9 | 1.8 | 2.7 | 0.9 | 0.0  |
| Portage    | 4,852  | 1.9 | 1.8 | 3.3 | 1.7 | 4.3 | 3.3 | 1.7 | 3.9 | 1.5 | 0.9  |
| Preble     | 1,513  | 1.5 | 1.5 |     |     | 2.3 | 1.4 | 1.4 | 1.8 | 1.2 | 0.0  |
| Putnam     | 1,512  | 1.2 | 1.0 |     | 2.2 |     | 1.2 | 1.2 | 2.0 | 0.9 | 5.6  |
| Richland   | 4,787  | 2.2 | 2.0 | 4.8 | 0.0 | 2.7 | 1.8 | 2.3 | 2.4 | 1.9 | 2.1  |
| Ross       | 2,814  | 1.9 | 1.9 | 3.4 | 0.0 | 0.8 | 1.4 | 2.0 | 2.2 | 2.0 | 0.0  |
| Sandusky   | 2,360  | 1.4 | 1.1 | 6.5 | 1.2 | 3.7 | 0.9 | 1.3 | 1.8 | 1.0 | 1.3  |
| Scioto     | 3,020  | 3.3 | 3.3 | 5.3 | 0.0 | 1.3 | 3.2 | 3.4 | 2.7 | 2.0 | 11.8 |
| Seneca     | 2,158  | 1.2 | 1.1 | 4.2 | 1.7 | 1.6 | 3.0 | 1.0 | 1.5 | 0.9 | 2.3  |
| Shelby     | 2,124  | 2.1 | 2.1 | 0.0 | 4.3 | 4.5 | 1.7 | 2.0 | 1.2 | 2.4 | 6.8  |
| Stark      | 13,492 | 2.5 | 2.1 | 4.9 | 3.7 | 4.1 | 3.8 | 2.3 | 2.9 | 2.0 | 1.4  |
| Summit     | 19,637 | 2.1 | 1.7 | 3.5 | 1.6 | 3.7 | 2.8 | 2.0 | 2.2 | 1.9 | 2.6  |
| Trumbull   | 7,194  | 2.0 | 2.1 | 2.0 | 0.0 | 3.7 | 2.8 | 1.9 | 2.6 | 1.6 | 0.7  |
| Tuscarawas | 3,560  | 2.4 | 2.2 |     | 7.3 | 4.5 | 3.8 | 2.3 | 2.4 | 2.1 | 2.2  |
| Union      | 2,064  | 1.5 | 1.5 |     | 0.0 | 2.6 | 2.9 | 1.4 | 1.8 | 1.3 | 5.0  |
| Van Wert   | 1,167  | 1.9 | 1.9 |     | 0.0 | 3.7 | 0.0 | 2.0 | 1.9 | 0.8 |      |
| Vinton     | 533    | 2.4 | 2.5 |     |     |     | 3.9 | 2.2 | 2.5 | 1.7 | 7.1  |
| Warren     | 8,076  | 1.5 | 1.5 | 1.7 | 1.4 | 3.5 | 2.2 | 1.4 | 1.9 | 1.4 | 1.7  |
| Washington | 1,994  | 2.1 | 2.2 |     |     | 3.4 | 1.8 | 2.1 | 2.6 | 2.0 | 8.8  |
| Wayne      | 4,815  | 1.4 | 1.4 | 4.2 | 1.1 | 2.9 | 1.2 | 1.4 | 1.9 | 1.7 | 0.3  |
| Williams   | 1,393  | 1.0 | 1.0 |     | 1.4 | 4.2 | 2.3 | 0.7 | 2.1 | 0.2 | 2.4  |
| Wood       | 4,103  | 1.5 | 1.4 | 3.7 | 2.2 | 2.3 | 0.8 | 1.5 | 1.6 | 1.5 | 0.0  |
| Wyandot    | 856    | 1.6 | 1.5 |     | 0.0 |     | 2.5 | 1.6 | 0.8 | 2.2 | 0.0  |

Table 10 Ohio Counties: Distribution of Black & Hispanic Women Lacking Prenatal Care in the First Trimester, Delivering Low Birth Weight (LBW; <2500 gm), or Preterm (<37 Weeks of Gestation) Infants (2006-2008)

| Women Lacking 1 <sup>st</sup> Trimester Care |        |                     |        | Women Delivering LBW Infants |        |                     |        | Women Delivering Preterm Infants |        |                     |        |
|--|--------|---------------------|--------|------------------------------|--------|---------------------|--------|----------------------------------|--------|---------------------|--------|
| Black, N = 21,423                            |        | Hispanic, N = 6,540 |        | Black, N = 10,377            |        | Hispanic, N = 1,551 |        | Black, N = 12,925                |        | Hispanic, N = 2,636 |        |
| County                                       | % of N | County              | % of N | County                       | % of N | County              | % of N | County                           | % of N | County              | % of N |
| Cuyahoga                                     | 29.4   | Cuyahoga            | 15.8   | Cuyahoga                     | 17.7   | Franklin            | 20.8   | Cuyahoga                         | 27.8   | Franklin            | 20.1   |
| Franklin                                     | 16.6   | Franklin            | 14.3   | Franklin                     | 13.6   | Cuyahoga            | 18.2   | Franklin                         | 18.8   | Cuyahoga            | 16.8   |
| Hamilton                                     | 16.2   | Hamilton            | 12.5   | Hamilton                     | 11.0   | Hamilton            | 8.7    | Hamilton                         | 17.5   | Hamilton            | 10.7   |
| Montgomery                                   | 6.2    | Butler              | 8.4    | Montgomery                   | 5.6    | Lucas               | 7.7    | Montgomery                       | 7.4    | Lucas               | 7.4    |
| Lucas  | 6.1    | Lucas               | 6.6    | Lucas                        | 5.1    | Lorain              | 6.0    | Summit                           | 5.6    | Lorain              | 6.1    |
| Summit                                       | 5.0    | Lorain              | 6.1    | Summit                       | 4.2    | Butler              | 5.3    | Lucas                            | 5.5    | Butler              | 6.1    |
| Mahoning                                     | 4.2    | Lake                | 3.0    | Stark                        | 3.2    | Montgomery          | 2.9    | Mahoning                         | 2.9    | Montgomery          | 3.2    |
| Stark  | 2.6    | Montgomery          | 3.0    | Butler                       | 2.7    | Mahoning            | 2.6    | Stark                            | 2.3    | Mahoning            | 2.3    |
| Lorain                                       | 2.0    | Mahoning            | 2.4    | Mahoning                     | 1.9    | Sandusky            | 2.5    | Lorain                           | 1.7    | Summit              | 2.0    |
| Butler                                       | 1.8    | Huron               | 2.1    | Lorain                       | 1.9    | Clark               | 1.8    | Butler                           | 1.7    | Lake                | 2.0    |
| Clark  | 1.5    | Clark               | 1.8    | Trumbull                     | 1.6    | Summit              | 1.7    | All Other Counties               | 8.8    | Sandusky            | 1.9    |
| Trumbull                                     | 1.3    | Sandusky            | 1.7    | Clark                        | 1.2    | Lake                | 1.5    |                                  |        | Huron               | 1.7    |
| All Other Counties                           | 7.1    | Summit              | 1.7    | Richland                     | 1.1    | Stark               | 1.5    |                                  |        | Clark               | 1.4    |
|  |        | Tuscarawas          | 1.5    | Licking                      | 1.0    | Huron               | 1.4    |                                  |        | Stark               | 1.3    |
|  |        | Stark               | 1.4    | Ashtabula                    | 1.0    | Wood                | 1.2    |                                  |        | Wood                | 1.1    |
|  |        | Wood                | 1.3    | Clermont                     | 1.0    | Warren              | 1.2    |                                  |        | All Other Counties  | 15.9   |
|  |        | All Other Counties  | 16.4   | All Other Counties           | 26.2   | All Other Counties  | 15.0   |                                  |        |                     |        |

**Table 11 Summary of Ohio Maternal Behavioral Risk Indicators:  
Overall and according to Demographic Factors (2006-2008)**

| Population Groups             |                         | Total Live Births | Maternal education <12 yrs<br>(% live births) | Maternal smoking during pregnancy<br>(% live births) | Spacing of births <18 months<br>(% live births) | Mother not breast feeding<br>(% live births) | Single mother<br>(% live births) |
|-------------------------------|-------------------------|-------------------|---|--|---|--|----------------------------------|
| US                            |                         |                   | 23.1  | 10.4   |   |  |                                  |
| Healthy People 2010 benchmark |                         |                   |   |  | 6.0   | 25.0   |                                  |
| Ohio                          | Total                   | 449,886           | 12.9  | 19.3   | 13.4  | 37.2   | 41.8                             |
| Maternal Race/Ethnicity       | White Non-Hispanic      | 344,418           | 10.2  | 21.3   | 12.6  | 35.4   | 33.9                             |
|                               | Black Non-Hispanic      | 72,292            | 20.4  | 14.7   | 17.1  | 50.2   | 78.0                             |
|                               | Other Race Non-Hispanic | 12,975            | 10.0  | 7.3  | 11.9  | 26.5   | 25.6                             |
|                               | Hispanic                | 20,201            | 40.4  | 9.6  | 15.1  | 30.6   | 58.4                             |
| Maternal Age                  | ≤17 Years               | 15,016            |   | 20.2   |   | 60.0   | 97.2                             |
|                               | 18 & 19 Years           | 34,052            |   | 29.4   |   | 53.0   | 89.1                             |
|                               | ≥ 20 Years              | 400,818           | 12.9  | 18.5   | 12.5  | 35.1   | 35.8                             |
| Health Insurance              | Medicaid                | 160,610           | 23.8  | 34.6   | 18.2  | 54.3   | 75.6                             |
|                               | Private                 | 226,672           | 2.7   | 9.4  | 9.4   | 26.1   | 17.9                             |
|                               | Uninsured               | 21,924            | 53.4  | 13.0   | 16.9  | 25.8   | 38.8                             |
|                               | Other                   | 10173             | 18.2  | 22.0   | 14.5  | 41.2   | 52.8                             |
|                               | Unknown                 | 30507             | 12.5  | 16.1   | 12.9  | 38.6   | 40.5                             |

Table12 Ohio and its Counties: Mothers with Less than 12 Years of Education (2006-2008)

|                      | Live births<br>(with information on<br>maternal education) | Mothers with <12 yrs Education:<br>Overall |                          |  | Mothers with <12 yrs<br>Education:<br>by Race/Ethnicity<br>(% live births) |             |          | Mothers with <12<br>yrs Education:<br>by Age<br>(% live births) | Mothers with <12 yrs Education:<br>by Health Insurance<br>(% live births) |         |           |
|----------------------|--|--|--------------------------|--|--|-------------|----------|---|---|---------|-----------|
|                      |  | Rate<br>(% live births)                    | Rank of<br>county (1-88) | Quartile (1-4)<br>among Ohio<br>counties | White<br>NH  | Black<br>NH | Hispanic | Mothers ≥ 20<br>years   | Medicaid  | Private | Uninsured |
| <b>Ohio</b>          | 400,818  | 12.9                                       | -                        | -  | 10.2   | 20.4        | 40.4     | 12.9  | 23.8  | 2.7     | 53.4      |
| <b>Ohio Counties</b> |  |  |                          |  |  |             |          |   |   |         |           |
| Adams                | 988  | 19.8                                       | 79                       | 4  | 19.9   |             |          | 19.8  | 27.3  | 2.3     | 69.6      |
| Allen                | 3,636  | 10.8                                       | 40                       | 2  | 8.9  | 19.4        | 25.3     | 10.8  | 19.5  | 2.3     | 28.0      |
| Ashland              | 1,901  | 23.9                                       | 84                       | 4  | 23.6   |             | 40.0     | 23.9  | 21.6  | 3.9     | 87.4      |
| Ashtabula            | 3,345  | 17.9                                       | 75                       | 4  | 16.7   | 21.8        | 40.3     | 17.9  | 19.7  | 6.8     | 77.4      |
| Athens               | 1,512  | 8.6  | 27                       | 2  | 9.2  | 2.1         |          | 8.6   | 15.7  | 4.5     | 14.0      |
| Auglaize             | 1,668  | 4.5  | 3                        | 1  | 4.4  |             | 0.0      | 4.5   | 13.3  | 0.9     | 16.7      |
| Belmont              | 1,864  | 10.8                                       | 41                       | 2  | 11.0   | 11.1        |          | 10.8  | 18.9  | 0.9     | 73.9      |
| Brown                | 1,451  | 15.4                                       | 65                       | 3  | 15.2   |             |          | 15.4  | 28.3  | 4.5     | 25.5      |
| Butler               | 13,710   | 13.4                                       | 55                       | 3  | 9.5  | 10.8        | 61.3     | 13.4  | 26.0  | 2.6     | 51.4      |
| Carroll              | 925  | 12.2                                       | 48                       | 3  | 12.3   |             |          | 12.2  | 16.2  | 2.1     | 68.1      |
| Champaign            | 1,354  | 8.3  | 23                       | 2  | 8.1  |             |          | 8.3   | 15.4  | 3.6     | 10.3      |
| Clark                | 4,690  | 16.3                                       | 70                       | 4  | 13.4   | 20.0        | 62.3     | 16.3  | 26.3  | 4.6     | 46.3      |
| Clermont             | 7,674  | 9.2  | 30                       | 2  | 8.9  | 7.6         | 22.8     | 9.2   | 24.1  | 2.2     | 15.8      |
| Clinton              | 1,465  | 11.8                                       | 46                       | 3  | 11.1   | 18.5        | 36.4     | 11.8  | 24.1  | 2.8     | 32.6      |
| Columbiana           | 3,197  | 10.9                                       | 42                       | 2  | 10.6   | 21.9        | 36.7     | 10.9  | 16.9  | 2.7     | 43.0      |
| Coshocton            | 1,171  | 25.0                                       | 85                       | 4  | 25.4   |             |          | 25.0  | 18.9  | 5.8     | 87.8      |
| Crawford             | 1,260  | 12.0                                       | 47                       | 3  | 12.0   |             |          | 12.0  | 20.6  | 3.4     | 32.1      |
| Cuyahoga             | 43,330   | 12.8                                       | 52                       | 3  | 7.2  | 20.7        | 27.2     | 12.8  | 25.5  | 2.5     | 22.0      |
| Darke                | 1,845  | 6.2  | 11                       | 1  | 6.1  |             |          | 6.2   | 14.3  | 1.4     | 9.0.0     |
| Defiance             | 1,374  | 8.1  | 21                       | 1  | 7.2  |             | 15.7     | 8.1   | 14.5  | 2.6     | 37.5      |
| Delaware             | 6,907  | 2.9  | 1                        | 1  | 2.5  | 3.2         | 21.0     | 2.9   | 19.9  | 0.7     | 18.0      |
| Erie                 | 2,250  | 10.7                                       | 39                       | 2  | 7.6  | 26.0        | 28.9     | 10.7  | 21.0  | 2.4     | 31.3      |
| Fairfield            | 4,836  | 6.6  | 14                       | 1  | 6.6  | 3.4         | 21.0     | 6.6   | 17.2  | 1.6     | 22.3      |
| Fayette              | 1,008  | 14.4                                       | 59                       | 3  | 14   | 4.0         | 38.7     | 14.4  | 23.5  | 3.1     | 50.0      |
| Franklin             | 49,295   | 16.1                                       | 69                       | 4  | 9.5  | 21.8        | 54.3     | 16.1  | 31.6  | 3.9     | 52.2      |

|            |        |      |    |   |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|
| Fulton     | 1,447  | 6.0  | 9  | 1 | 3.6  |      | 27.3 | 6.0  | 13.1 | 1.6  | 43.9 |
| Gallia     | 1,068  | 23.1 | 83 | 4 | 23.1 |      |      | 23.1 | 23.1 | 2.8  | 92.4 |
| Geauga     | 2,790  | 29.7 | 86 | 4 | 30.4 | 0.0  | 7.1  | 29.7 | 20.9 | 4.6  | 93.0 |
| Greene     | 4,957  | 6.6  | 13 | 1 | 6.5  | 7.9  | 13.1 | 6.6  | 18.9 | 1.3  | 14.2 |
| Guernsey   | 1,327  | 20.1 | 80 | 4 | 20.2 |      |      | 20.1 | 22.4 | 5.1  | 76.4 |
| Hamilton   | 31,095 | 15.2 | 64 | 3 | 8.3  | 22.2 | 57.2 | 15.2 | 28.8 | 2.9  | 38.6 |
| Hancock    | 2,561  | 6.9  | 16 | 1 | 5.9  | 8.3  | 23.8 | 6.9  | 18.2 | 2.8  | 14.8 |
| Hardin     | 1,041  | 17.5 | 74 | 4 | 17.1 |      |      | 17.5 | 21.1 | 2.2  | 76.1 |
| Harrison   | 480    | 16.0 | 68 | 4 | 16.2 |      |      | 16.0 | 21.6 | 1.3  | 89.7 |
| Henry      | 1,024  | 7.7  | 20 | 1 | 6.3  |      | 21.9 | 7.7  | 17.9 | 3.1  |      |
| Highland   | 1,535  | 18.0 | 76 | 4 | 17.9 |      |      | 18.0 | 26.5 | 4.6  | 72.1 |
| Hocking    | 918    | 11.5 | 43 | 2 | 11.4 |      |      | 11.5 | 17.8 | 2.7  | 26.5 |
| Holmes     | 2,291  | 71.2 | 88 | 4 | 71.4 |      |      | 71.2 | 29.0 | 26.1 | 93.5 |
| Huron      | 2,243  | 17.2 | 72 | 4 | 11.9 |      | 58.3 | 17.2 | 24.8 | 3.0  | 70.9 |
| Jackson    | 1,104  | 19.3 | 78 | 4 | 19.6 |      |      | 19.3 | 25.2 | 3.1  | 84.8 |
| Jefferson  | 1,900  | 10.6 | 36 | 2 | 10   | 18.6 |      | 10.6 | 18.5 | 2.3  | 51.1 |
| Knox       | 2,016  | 17.2 | 73 | 4 | 17.1 |      |      | 17.2 | 13.9 | 2    | 78.9 |
| Lake       | 7,107  | 9.3  | 32 | 2 | 5.0  | 11.0 | 64.9 | 9.3  | 24.2 | 2.5  | 46.8 |
| Lawrence   | 2,052  | 12.3 | 49 | 3 | 12.4 | 7.5  |      | 12.3 | 25.8 | 0.0  |      |
| Licking    | 5,567  | 9.2  | 31 | 2 | 9.2  | 6.2  | 19.7 | 9.2  | 22.0 | 1.9  | 20.0 |
| Logan      | 1,656  | 13.3 | 54 | 3 | 13.5 | 7.4  | 11.5 | 13.3 | 18.7 | 2.8  | 68.6 |
| Lorain     | 9,757  | 11.5 | 44 | 2 | 8.1  | 24.8 | 26.9 | 11.5 | 25.2 | 2.5  | 21.2 |
| Lucas      | 16,580 | 15.0 | 63 | 3 | 9.8  | 25.7 | 34.1 | 15.0 | 27.4 | 2.4  | 24.6 |
| Madison    | 1,328  | 9.9  | 34 | 2 | 9.3  | 16.1 | 35.7 | 9.9  | 21.4 | 3.1  | 30.0 |
| Mahoning   | 6,914  | 10.6 | 37 | 2 | 6.7  | 21.6 | 26.0 | 10.6 | 19.6 | 1.7  | 32.3 |
| Marion     | 1,988  | 14.5 | 60 | 3 | 13.1 | 14.9 | 58.7 | 14.5 | 22.4 | 2.8  | 37.0 |
| Medina     | 5,531  | 5.0  | 5  | 1 | 4.8  | 11.9 | 14.0 | 5.0  | 13.5 | 1.1  | 50.0 |
| Meigs      | 695    | 15.0 | 62 | 3 | 14.7 |      |      | 15.0 | 21.1 | 5.8  |      |
| Mercer     | 1,515  | 4.8  | 4  | 1 | 4.2  |      | 33.3 | 4.8  | 15.6 | 1.1  |      |
| Miami      | 3,334  | 8.8  | 28 | 2 | 7.9  | 15.9 | 54.4 | 8.8  | 19.5 | 2.2  | 32.0 |
| Monroe     | 435    | 13.6 | 56 | 3 | 13.7 |      |      | 13.6 | 8.4  | 0.9  | 84.8 |
| Montgomery | 18,972 | 13.8 | 57 | 3 | 10.4 | 21.0 | 36.9 | 13.8 | 26.8 | 2.7  | 34.7 |
| Morgan     | 453    | 12.6 | 51 | 3 | 12.2 |      |      | 12.6 | 18.9 | 6.6  |      |
| Morrow     | 1,,105 | 14.7 | 61 | 3 | 14.6 |      |      | 14.7 | 16.5 | 2.5  | 84.0 |
| Muskingum  | 2,910  | 12.5 | 50 | 3 | 11.8 | 25.6 |      | 12.5 | 20.0 | 7.4  | 42.5 |
| Noble      | 421    | 16.7 | 71 | 4 | 16.7 |      |      | 16.7 | 15.2 | 1.5  | 89.4 |
| Ottawa     | 1,145  | 6.7  | 15 | 1 | 5.1  |      | 26.1 | 6.7  | 15.2 | 1.9  | 32.0 |
| Paulding   | 687    | 7.3  | 17 | 1 | 6.4  |      | 20.5 | 7.3  | 16.0 | 1.0  |      |
| Perry      | 1,160  | 11.7 | 45 | 3 | 11.8 |      |      | 11.7 | 19.5 | 4.1  | 51.7 |

|            |        |      |    |   |      |      |      |      |      |     |      |
|------------|--------|------|----|---|------|------|------|------|------|-----|------|
| Pickaway   | 1,658  | 10.6 | 38 | 2 | 10.9 |      |      | 10.6 | 23.3 | 4.2 | 23.1 |
| Pike       | 974    | 20.3 | 81 | 4 | 19.6 |      |      | 20.3 | 28.4 | 3.1 | 58.5 |
| Portage    | 4,432  | 7.7  | 19 | 1 | 7.6  | 8.0  | 8.8  | 7.7  | 18.5 | 1.7 | 35.6 |
| Preble     | 1,325  | 8.6  | 25 | 2 | 8.6  |      |      | 8.6  | 16   | 3.6 | 10.6 |
| Putnam     | 1,405  | 5.1  | 7  | 1 | 3.0  |      | 28.4 | 5.1  | 15.1 | 1.9 | 38.7 |
| Richland   | 4,080  | 13.9 | 58 | 3 | 13.6 | 16.8 | 17.2 | 13.9 | 19.7 | 2.1 | 67.4 |
| Ross       | 2,397  | 13.0 | 53 | 3 | 13.2 | 12.7 | 7.1  | 13.0 | 22.4 | 2.6 | 36.4 |
| Sandusky   | 2,059  | 8.6  | 26 | 2 | 5.7  | 9.6  | 26.3 | 8.6  | 15.1 | 2.2 | 55.2 |
| Scioto     | 2,564  | 15.7 | 66 | 3 | 15.4 | 26.1 |      | 15.7 | 25.1 | 1.3 | 45.2 |
| Seneca     | 1,927  | 7.4  | 18 | 1 | 6.5  | 16.7 | 20.0 | 7.4  | 14.8 | 2.3 | 32.4 |
| Shelby     | 1,859  | 9.7  | 33 | 2 | 8.8  | 9.7  | 52.5 | 9.7  | 21.7 | 1.9 | 53.1 |
| Stark      | 12,082 | 10.0 | 35 | 2 | 8.5  | 18.0 | 40.9 | 10.0 | 20.8 | 2.1 | 38.4 |
| Summit     | 17,613 | 8.8  | 29 | 2 | 6.6  | 15.1 | 30.2 | 8.8  | 20.4 | 1.6 | 15.0 |
| Trumbull   | 6,386  | 15.9 | 67 | 4 | 16.1 | 15.2 | 12.5 | 15.9 | 18.8 | 3.5 | 78.2 |
| Tuscarawas | 3,231  | 20.9 | 82 | 4 | 18.8 |      | 81.6 | 20.9 | 19.5 | 5.2 | 82.4 |
| Union      | 1,928  | 4.1  | 2  | 1 | 4.0  |      |      | 4.1  | 12.2 | 1.7 | 8.1  |
| Van Wert   | 1,050  | 6.6  | 12 | 1 | 6.4  |      | 12.9 | 6.6  | 13.8 | 2.1 |      |
| Vinton     | 461    | 19.0 | 77 | 4 | 18.9 |      |      | 19.0 | 26.9 | 4.2 | 57.7 |
| Warren     | 7,649  | 5.1  | 6  | 1 | 4.1  | 3.0  | 31.7 | 5.1  | 19.2 | 1.1 | 28.0 |
| Washington | 1,769  | 8.5  | 24 | 2 | 8.4  |      |      | 8.5  | 18.8 | 2.1 | 16.1 |
| Wayne      | 4,457  | 30.5 | 87 | 4 | 30.7 | 16.4 | 39.7 | 30.5 | 19.3 | 4.2 | 89.2 |
| Williams   | 1,217  | 8.2  | 22 | 1 | 6.6  |      | 38.3 | 8.2  | 15.3 | 2.1 | 39.5 |
| Wood       | 3,779  | 5.4  | 8  | 1 | 4.4  | 8.5  | 19.2 | 5.4  | 13.9 | 2.2 | 26.9 |
| Wyandot    | 751    | 6.1  | 10 | 1 | 3.8  |      | 70.4 | 6.1  | 9.9  | 1.1 | 48.6 |

Table 13 Ohio and its Counties: Tobacco Use Among Pregnant Women During at Least One Trimester (2006-2008)

|                      | Live births with information | Women who Smoked: Overall |                       |                                    | Women who Smoked: by Race/Ethnicity (% live births) |          |          | Women who Smoked: by Age group (% live births) |             |           | Women who Smoked: by Health Insurance (% live births) |         |           |
|----------------------|------------------------------|---------------------------|-----------------------|------------------------------------|---|----------|----------|--|-------------|-----------|---|---------|-----------|
|                      |                              | Rate (% live births)      | Rank of County (1-88) | Quartile (1-4) among Ohio counties | White NH  | Black NH | Hispanic | ≤17 years                                      | 18-19 years | ≥20 years | Medicaid  | Private | Uninsured |
| <b>Ohio</b>          | 441,281                      | 19.3                      | -                     | -                                  | 21.3  | 14.7     | 9.6      | 20.2   | 29.4        | 18.5      | 34.6  | 9.4     | 13.0      |
| <b>Ohio Counties</b> |                              |                           |                       |                                    |   |          |          |  |             |           |   |         |           |
| Adams                | 1,082                        | 35.5                      | 88                    | 4                                  | 35.6  |          |          | 46.3   | 45          | 33.8      | 48.3  | 16.1    | 13.8      |
| Allen                | 4,241                        | 25.4                      | 49                    | 3                                  | 26.3  | 21.7     | 24.3     | 17.9   | 32.2        | 25.0      | 39.3  | 12.3    | 24.7      |
| Ashland              | 2,028                        | 22.1                      | 33                    | 2                                  | 22.0  |          | 35.7     | 26.3   | 50.5        | 20.5      | 47.3  | 13.8    | 1.0       |
| Ashtabula            | 3,725                        | 29.4                      | 67                    | 4                                  | 30.0  | 35.8     | 15.7     | 31.1   | 41.9        | 28.0      | 44.0  | 19.0    | 6.7       |
| Athens               | 1,663                        | 29.3                      | 65                    | 3                                  | 31.0  | 17.3     |          | 29.2   | 50.7        | 27.2      | 48.4  | 18.4    | 27.1      |
| Auglaize             | 1,859                        | 22.8                      | 38                    | 2                                  | 22.7  |          | 27.3     | 31.0   | 37.3        | 21.2      | 46.7  | 10.8    | 37.8      |
| Belmont              | 1,392                        | 27.2                      | 61                    | 3                                  | 26.9  | 48.5     |          | 44.9   | 39.1        | 25.3      | 49.4  | 11.7    | 8.5       |
| Brown                | 1,593                        | 31.1                      | 80                    | 4                                  | 31.5  |          |          | 24.5   | 38.8        | 30.6      | 48.4  | 15.0    | 24.5      |
| Butler               | 15,297                       | 19.8                      | 23                    | 2                                  | 22.8  | 12.4     | 3.2      | 24.2   | 34          | 18.5      | 41.1  | 8.4     | 11.8      |
| Carroll              | 1,011                        | 22.2                      | 34                    | 2                                  | 22.3  |          |          |  | 36.5        | 20.7      | 37.0  | 13.8    | 4.2       |
| Champaign            | 1,543                        | 26.5                      | 57                    | 3                                  | 26.9  | 15.6     |          | 32.7   | 44.8        | 24.4      | 43.1  | 14.5    | 27.9      |
| Clark                | 5,504                        | 25.9                      | 53                    | 3                                  | 27.9  | 21.8     | 4.7      | 16.1   | 31.2        | 25.9      | 37.7  | 14.0    | 21.2      |
| Clermont             | 8,265                        | 22.6                      | 37                    | 2                                  | 23.1  | 17.8     | 6.8      | 32.4   | 39.5        | 21.1      | 46.7  | 9.9     | 21.6      |
| Clinton              | 1,669                        | 29.7                      | 70                    | 4                                  | 30.1  | 51.5     | 2.6      | 32.4   | 48.6        | 27.7      | 48.2  | 15.8    | 28.9      |
| Columbiana           | 3,433                        | 29.7                      | 69                    | 4                                  | 29.7  | 33.3     | 27       | 32.0   | 48.2        | 27.7      | 43.9  | 14.0    | 18.9      |
| Coshocton            | 1,320                        | 25.9                      | 52                    | 3                                  | 25.9  |          |          | 22.2   | 41.3        | 24.7      | 43.1  | 13.4    | 5.7       |
| Crawford             | 1,470                        | 32.4                      | 83                    | 4                                  | 32.7  |          |          | 33.9   | 40.8        | 31.3      | 45.9  | 19.4    | 23.3      |
| Cuyahoga             | 48,927                       | 13.7                      | 6                     | 1                                  | 15.6  | 12.2     | 13.2     | 10.7   | 16.4        | 13.6      | 20.9  | 7.1     | 19.3      |
| Darke                | 2,025                        | 23.0                      | 40                    | 2                                  | 23.2  |          |          | 30.2   | 36.8        | 21.5      | 46.2  | 11.5    | 18.9      |
| Defiance             | 1,487                        | 25.4                      | 50                    | 3                                  | 26.7  | 9.7      | 21       | 34.0   | 40.0        | 23.7      | 42.0  | 14.2    | 19.0      |
| Delaware             | 7,064                        | 7.8                       | 2                     | 1                                  | 8.0   | 9.5      | 7.3      | 26.8   | 29.9        | 7.1       | 39.6  | 3.9     | 5.2       |
| Erie                 | 2,545                        | 24.8                      | 45                    | 3                                  | 25.1  | 25.9     | 15.2     | 28.9   | 34.7        | 23.6      | 39.6  | 12.3    | 25.0      |
| Fairfield            | 5,244                        | 19.7                      | 20                    | 1                                  | 21.0  | 5.9      | 5.7      | 33.3   | 33.4        | 18.5      | 41.1  | 9.8     | 20.3      |
| Fayette              | 1,185                        | 31.0                      | 78                    | 4                                  | 31.7  | 34.4     | 8.8      | 27.9   | 42.0        | 29.6      | 44.4  | 14.9    | 25.0      |
| Franklin             | 53,604                       | 15.3                      | 8                     | 1                                  | 18.1  | 13.9     | 4        | 17.3   | 24.8        | 14.5      | 29.6  | 8.0     | 10.3      |
| Fulton               | 1,584                        | 17.4                      | 13                    | 1                                  | 18.7  |          | 7        | 15.4   | 32.8        | 16.1      | 34.0  | 9.2     | 17.3      |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Gallia     | 1,089  | 25.3 | 48 | 3 | 25.6 | 23.1 |      | 21.6 | 30.8 | 24.8 | 38.1 | 9.2  | 4.7  |
| Geauga     | 2,870  | 9.1  | 3  | 1 | 9.0  | 12.5 | 3.4  |      | 26.0 | 8.5  | 31.3 | 8.5  | 3.0  |
| Greene     | 5,375  | 15.9 | 10 | 1 | 16.8 | 13.8 | 4.4  | 19.7 | 31.1 | 14.8 | 36.8 | 7.0  | 15.6 |
| Guernsey   | 1,508  | 32.8 | 84 | 4 | 32.7 |      |      | 38.1 | 45.9 | 31.1 | 48.9 | 13.5 | 8.9  |
| Hamilton   | 34,395 | 15.5 | 9  | 1 | 18.6 | 12.5 | 3.8  | 12.9 | 17.5 | 15.4 | 25.6 | 7.6  | 14.5 |
| Hancock    | 2,846  | 20.9 | 28 | 2 | 21.6 | 19.3 | 16.8 | 22.8 | 37.1 | 19.5 | 39.9 | 13.1 | 32.7 |
| Hardin     | 1,177  | 29.9 | 73 | 4 | 30.1 |      |      | 36.8 | 52.9 | 27.4 | 52.2 | 16.3 | 18.7 |
| Harrison   | 485    | 33.8 | 87 | 4 | 33.3 |      |      |      | 53.5 | 32.5 | 49.6 | 16.5 | 10   |
| Henry      | 1,127  | 20.6 | 26 | 2 | 21.4 |      | 13.4 | 21.9 | 34.2 | 19.5 | 41.4 | 10.5 |      |
| Highland   | 1,768  | 29.6 | 68 | 4 | 30.0 | 15.4 |      | 32.4 | 45.0 | 27.8 | 46.6 | 14.4 | 16.7 |
| Hocking    | 1,057  | 30.0 | 74 | 4 | 29.9 |      |      | 27.3 | 40.7 | 28.8 | 42.9 | 14.4 | 28.2 |
| Holmes     | 2,379  | 7.4  | 1  | 1 | 7.3  |      |      |      | 26.4 | 6.8  | 49.0 | 8.7  | 0.3  |
| Huron      | 2,576  | 27.7 | 62 | 3 | 30.3 |      | 8.3  | 22.9 | 34.6 | 27.1 | 44.6 | 17.7 | 7.1  |
| Jackson    | 1,282  | 27.2 | 60 | 3 | 27.2 |      |      | 20.9 | 35.1 | 26.4 | 38.6 | 13.6 | 5.7  |
| Jefferson  | 1,705  | 31.0 | 77 | 4 | 30.4 | 38.9 |      | 25.0 | 44.3 | 29.8 | 47.4 | 15.3 | 18.0 |
| Knox       | 2,197  | 22.4 | 36 | 2 | 22.8 |      |      | 31.3 | 30.8 | 21.6 | 45.6 | 12.5 | 3.1  |
| Lake       | 7,571  | 17.4 | 15 | 1 | 18.7 | 18.4 | 4.2  | 21.8 | 31.4 | 16.6 | 32.8 | 11.2 | 13.5 |
| Lawrence   | 869    | 21.7 | 30 | 2 | 22.0 |      |      |      | 27.2 | 21.2 | 40.5 | 7.3  |      |
| Licking    | 6,186  | 23.6 | 42 | 2 | 24.4 | 14.4 | 11.1 | 26.3 | 34.1 | 22.6 | 43.2 | 11.1 | 25.8 |
| Logan      | 1,898  | 28.5 | 64 | 3 | 28.6 | 30.6 | 13.8 | 27.4 | 39.4 | 27.3 | 48.4 | 14.6 | 13.5 |
| Lorain     | 10,879 | 20.8 | 27 | 2 | 21.6 | 23.0 | 14.4 | 20.1 | 33.3 | 19.8 | 34.5 | 10.8 | 27.4 |
| Lucas      | 18,978 | 19.7 | 21 | 1 | 21.6 | 17.1 | 16.0 | 15.4 | 23.2 | 19.6 | 29.7 | 8.6  | 33.0 |
| Madison    | 1,487  | 26.0 | 55 | 3 | 26.3 | 26.3 | 20.0 | 28.3 | 46.7 | 24.0 | 49.1 | 12.4 | 10.8 |
| Mahoning   | 7,858  | 20.5 | 24 | 2 | 21.7 | 18.4 | 17.6 | 16.7 | 22.8 | 20.4 | 30.1 | 9.7  | 24.7 |
| Marion     | 2,412  | 32.0 | 82 | 4 | 33.4 | 22.8 | 8.0  | 27.3 | 36.6 | 31.7 | 47.3 | 14.1 | 14.5 |
| Medina     | 5,819  | 14.1 | 7  | 1 | 14.2 | 17.2 | 14.5 | 3.06 | 39.1 | 12.8 | 39.7 | 7.6  | 9.7  |
| Meigs      | 667    | 33.1 | 86 | 4 | 33.7 |      |      | 29.6 | 33.8 | 33.2 | 46.1 | 20.6 |      |
| Mercer     | 1,611  | 18.7 | 19 | 1 | 18.7 |      | 27.6 | 19.4 | 36.0 | 17.7 | 48.3 | 9.2  |      |
| Miami      | 3,720  | 23.0 | 39 | 2 | 23.4 | 29.1 | 7.8  | 25.7 | 34.0 | 22   | 45.4 | 10.0 | 29.1 |
| Monroe     | 346    | 17.6 | 16 | 1 | 17.8 |      |      |      |      | 16.6 | 40.7 | 10.1 | 2.1  |
| Montgomery | 21,611 | 17.9 | 17 | 1 | 20.7 | 13.8 | 4.6  | 13.6 | 19.8 | 17.9 | 29.1 | 8.0  | 22.6 |
| Morgan     | 494    | 31.0 | 79 | 4 | 30.4 |      |      |      | 40.0 | 29.8 | 53.5 | 16.1 |      |
| Morrow     | 1,254  | 24.6 | 44 | 2 | 24.5 |      |      | 30.2 | 33.3 | 23.5 | 40.3 | 15.6 | 6.3  |
| Muskingum  | 3,342  | 27.1 | 59 | 3 | 26.5 | 40.6 |      | 28.6 | 39.4 | 25.7 | 41.7 | 19.5 | 18.6 |
| Noble      | 458    | 21.0 | 29 | 2 | 21.3 |      |      |      | 18.2 | 21.1 | 36.8 | 10.0 | 5.9  |
| Ottawa     | 1,260  | 23.6 | 41 | 2 | 23.0 |      | 27.2 | 25.0 | 37.6 | 22.5 | 46.2 | 11.8 | 17.2 |
| Paulding   | 671    | 29.4 | 66 | 3 | 29.2 |      | 27.7 |      | 40.4 | 28.8 | 49.2 | 14.7 |      |
| Perry      | 1,343  | 31.6 | 81 | 4 | 31.7 |      |      | 34.1 | 42.6 | 30.2 | 48.5 | 17.1 | 32.4 |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Pickaway   | 1,894  | 24.6 | 43 | 2 | 24.7 |      |      | 40.3 | 42.5 | 22.1 | 46.4 | 12.6 | 23.0 |
| Pike       | 1,170  | 30.1 | 76 | 4 | 30.4 |      |      | 44.8 | 30.1 | 29.2 | 41.4 | 10.9 | 20.0 |
| Portage    | 4,843  | 21.9 | 32 | 2 | 23.1 | 11.2 | 10.0 | 38.6 | 43.6 | 20   | 43.6 | 9.5  | 24.1 |
| Preble     | 1,464  | 26.0 | 54 | 3 | 26.1 |      |      | 30.2 | 36.4 | 24.6 | 44.4 | 12.4 | 14.5 |
| Putnam     | 1,507  | 11.9 | 4  | 1 | 11.7 |      | 12.4 |      | 26.8 | 10.9 | 35.5 | 5.8  | 19.4 |
| Richland   | 4,783  | 27.7 | 63 | 3 | 28.6 | 23.3 | 22.0 | 36.9 | 44.7 | 25.2 | 44.7 | 13.3 | 12.0 |
| Ross       | 2,812  | 29.9 | 72 | 4 | 30.0 | 28.7 | 25.8 | 25.0 | 41.8 | 28.7 | 45.3 | 11.9 | 30.6 |
| Sandusky   | 2,351  | 21.9 | 31 | 2 | 23.3 | 15.6 | 15.3 | 17.3 | 29.4 | 21.2 | 36.3 | 13.1 | 16.0 |
| Scioto     | 2,877  | 29.7 | 71 | 4 | 29.7 | 28.1 | 26.9 | 29.5 | 33.4 | 29.3 | 41.9 | 7.7  | 47.1 |
| Seneca     | 2,159  | 25.1 | 46 | 3 | 25.1 | 41.7 | 19.0 | 31.7 | 27.2 | 24.6 | 41.1 | 14.2 | 11.6 |
| Shelby     | 2,119  | 25.8 | 51 | 3 | 26.5 | 15.2 | 15.2 | 36.4 | 42.4 | 23.7 | 50.7 | 11.4 | 25.4 |
| Stark      | 13,476 | 20.5 | 25 | 2 | 20.9 | 20.9 | 5.6  | 21.9 | 31.8 | 19.5 | 37.0 | 8.5  | 19.7 |
| Summit     | 19,562 | 18.2 | 18 | 1 | 19.6 | 15.9 | 8.9  | 21.5 | 29.9 | 17.1 | 33.7 | 7.4  | 17.5 |
| Trumbull   | 7,021  | 26.7 | 58 | 3 | 27.4 | 23.6 | 23.8 | 23.4 | 38.3 | 25.8 | 40.7 | 13.3 | 11.5 |
| Tuscarawas | 3,557  | 19.8 | 22 | 1 | 20.4 |      | 2.2  | 19.7 | 32.6 | 18.8 | 39.3 | 9.2  | 3.2  |
| Union      | 2,068  | 17.4 | 14 | 1 | 17.8 |      | 12.0 | 38.5 | 43.8 | 15.5 | 45.6 | 8.7  | 9.8  |
| Van Wert   | 1,096  | 30.0 | 75 | 4 | 30.2 |      | 22.9 | 50.0 | 55.8 | 27.0 | 53.2 | 14.2 |      |
| Vinton     | 532    | 32.9 | 85 | 4 | 32.6 |      |      |      | 34.0 | 33.6 | 43.0 | 20.7 | 17.9 |
| Warren     | 8,018  | 12.1 | 5  | 1 | 13.3 | 2.8  | 4.0  | 23.5 | 33.1 | 11.1 | 40.7 | 5.6  | 15.2 |
| Washington | 1,560  | 25.1 | 47 | 3 | 24.9 |      |      | 22.6 | 42.4 | 23.4 | 43.9 | 10.5 | 26.5 |
| Wayne      | 4,810  | 16.4 | 11 | 1 | 16.1 | 37.1 | 13.3 | 26.7 | 33.2 | 15.1 | 41.1 | 9.9  | 2.8  |
| Williams   | 1,327  | 26.4 | 56 | 3 | 26.8 |      | 23.0 | 19.1 | 44.2 | 24.7 | 42.5 | 14.1 | 9.8  |
| Wood       | 4,089  | 16.4 | 12 | 1 | 17.0 | 8.8  | 15.6 | 26.1 | 33.8 | 15.1 | 35.9 | 9.5  | 16.9 |
| Wyandot    | 856    | 22.3 | 35 | 2 | 23.3 |      | 5.4  |      | 37.0 | 20.6 | 42.3 | 14.3 | 4.9  |

Table 14 Ohio and its Counties: Multiparous Women with Birth Spacing Less than 18 Months (2006-2008)

|                      | Live births<br>(with information<br>on birth spacing) | Birth Spacing <18 months: Overall |                             |  | Birth Spacing <18 months:<br>by Race/Ethnicity<br>(% live births) |             |          | Birth Spacing <18<br>months:<br>by Age<br>(% live births) | Birth Spacing <18 months:<br>By Health Insurance<br>(% live births) |         |           |
|----------------------|---|-----------------------------------|-----------------------------|--|---|-------------|----------|---|---|---------|-----------|
|                      |   | Rate<br>(% live<br>births)        | Rank of<br>County<br>(1-88) | Quartile (1-4)<br>among Ohio<br>counties | White<br>NH   | Black<br>NH | Hispanic | ≥20<br>years  | Medicaid  | Private | Uninsured |
| <b>Ohio</b>          | 228,058   | 13.4                              | -                           | -  | 12.6  | 17.1        | 15.1     | 12.5  | 18.2  | 9.4     | 16.9      |
| <b>Ohio Counties</b> |   |                                   |                             |  |   |             |          |   |   |         |           |
| Adams                | 667   | 12.9                              | 34                          | 2  | 13.1  |             |          | 12.5  | 16.3  | 9.5     | 8.3       |
| Allen                | 2,493   | 14.0                              | 56                          | 3  | 12.7  | 20.7        | 11.8     | 12.8  | 19.3  | 8.2     | 20.7      |
| Ashland              | 928   | 19.3                              | 88                          | 4  | 19.4  |             |          | 18.7  | 23.1  | 12.1    | 28.3      |
| Ashtabula            | 2,077   | 16.3                              | 83                          | 4  | 16.3  | 14.1        | 17.3     | 15.2  | 19.4  | 13.1    | 17.9      |
| Athens               | 901   | 10.5                              | 7                           | 1  | 10.5  | 3.7         |          | 9.7   | 15.6  | 7.9     | 7.9       |
| Auglaize             | 1,103   | 13.7                              | 50                          | 3  | 13.4  |             |          | 12.7  | 18.6  | 10.8    |           |
| Belmont              | 1,150   | 13.3                              | 43                          | 2  | 13.4  | 17.9        |          | 12.3  | 14.4  | 5.3     | 33.3      |
| Brown                | 903   | 13.4                              | 45                          | 3  | 13.3  |             |          | 13.2  | 18.5  | 8.2     | 18.5      |
| Butler               | 7,768   | 13.2                              | 42                          | 2  | 12.8  | 18.3        | 14.6     | 12.1  | 19.8  | 8.8     | 16.5      |
| Carroll              | 584   | 9.8                               | 2                           | 1  | 9.7   |             |          | 9.1   | 8.7   | 7.7     | 20.0      |
| Champaign            | 804   | 13.1                              | 38                          | 2  | 12.6  |             |          | 12.4  | 21.3  | 7.7     |           |
| Clark                | 2,814   | 15.2                              | 75                          | 4  | 14.2  | 24.8        | 11.5     | 14.2  | 19.9  | 11.4    | 8.9       |
| Clermont             | 4,546   | 11.8                              | 16                          | 1  | 11.9  | 15.8        | 9.3      | 11.1  | 18.2  | 8.7     | 9.2       |
| Clinton              | 935   | 14.2                              | 60                          | 3  | 14.4  |             |          | 12.7  | 19.7  | 10.1    | 14.3      |
| Columbiana           | 2,039   | 15.7                              | 80                          | 4  | 15.4  | 33.3        |          | 14.9  | 21.4  | 9.4     | 15.1      |
| Coshocton            | 810   | 14.8                              | 68                          | 4  | 14.6  |             |          | 14.5  | 17.7  | 10.0    | 16.9      |
| Crawford             | 698   | 13.3                              | 44                          | 2  | 13.4  |             |          | 12.0  | 18.5  | 8.0     |           |
| Cuyahoga             | 23,810  | 13.2                              | 40                          | 2  | 11.7  | 15.2        | 14.6     | 12.4  | 16.6  | 9.5     | 16        |
| Darke                | 1,269   | 10.9                              | 10                          | 1  | 10.6  |             |          | 10.2  | 17.1  | 8.0     | 8.1       |
| Defiance             | 854   | 12.3                              | 21                          | 1  | 11.4  |             | 18.3     | 11.5  | 17.4  | 9.1     | 10.7      |
| Delaware             | 3,165   | 9.2                               | 1                           | 1  | 9.0   | 11.8        | 14.1     | 8.9   | 19.4  | 7.8     | 12.3      |
| Erie                 | 1,273   | 12.5                              | 25                          | 2  | 11.2  | 17.5        | 11.9     | 11.4  | 18.4  | 8.1     | 14.8      |
| Fairfield            | 2,648   | 10.6                              | 8                           | 1  | 10.3  | 8.9         | 20.8     | 10.1  | 15.1  | 8.1     | 13.0      |
| Fayette              | 683   | 13.8                              | 53                          | 3  | 13.6  |             |          | 11.6  | 18.4  | 7.1     | 10.7      |
| Franklin             | 22,615  | 15.0                              | 71                          | 4  | 13.2  | 19.6        | 12.4     | 14.1  | 22.0  | 10.7    | 12.2      |

|            |        |      |    |   |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|
| Fulton     | 879    | 12.4 | 23 | 2 | 11.8 |      | 17.8 | 12.0 | 18.4 | 10.0 | 9.4  |
| Gallia     | 728    | 14.6 | 65 | 3 | 14.6 |      |      | 13.4 | 18.3 | 5.8  | 20.2 |
| Geauga     | 1,770  | 14.7 | 67 | 4 | 14.8 |      |      | 14.5 | 13.1 | 9.3  | 24.7 |
| Greene     | 2,935  | 10.3 | 6  | 1 | 10.2 | 11.5 | 8.6  | 9.8  | 14.4 | 7.2  | 15.8 |
| Guernsey   | 905    | 14.5 | 63 | 3 | 14.7 |      |      | 13.8 | 17.6 | 7.0  | 25.6 |
| Hamilton   | 17,040 | 13.2 | 41 | 2 | 11.6 | 16.2 | 12.5 | 12.5 | 17.7 | 9.7  | 12.3 |
| Hancock    | 1,633  | 13.5 | 48 | 3 | 13.3 | 14.7 | 15.8 | 12.5 | 17.3 | 11.8 | 19.4 |
| Hardin     | 699    | 13.9 | 54 | 3 | 13.8 |      |      | 12.9 | 19.3 | 7.7  | 11.5 |
| Harrison   | 302    | 17.2 | 87 | 4 | 16.3 |      |      | 16.3 | 18.8 | 15.4 |      |
| Henry      | 634    | 11.5 | 15 | 1 | 10.2 |      | 25.0 | 10.4 | 19.3 | 8.4  |      |
| Highland   | 959    | 13.7 | 49 | 3 | 13.6 |      |      | 12.4 | 17.3 | 9.2  | 22.8 |
| Hocking    | 564    | 15.2 | 76 | 4 | 15.0 |      |      | 13.1 | 18.2 | 9.6  |      |
| Holmes     | 1,665  | 14.2 | 58 | 3 | 14.2 |      |      | 14.1 | 17.2 | 4.4  | 16.6 |
| Huron      | 829    | 15.3 | 77 | 4 | 14.5 |      | 20.2 | 14.2 | 22.3 | 10.3 | 17.0 |
| Jackson    | 705    | 13.5 | 46 | 3 | 13.7 |      |      | 12.4 | 14.2 | 9.5  | 34.0 |
| Jefferson  | 1,190  | 17.1 | 85 | 4 | 16.5 | 28.8 |      | 16.1 | 22.0 | 11.1 | 30.6 |
| Knox       | 1,046  | 16.6 | 84 | 4 | 16.7 |      |      | 15.9 | 18.8 | 9.9  | 26.6 |
| Lake       | 3,618  | 12.1 | 18 | 1 | 11.3 | 16.6 | 16.1 | 11.7 | 18.0 | 9.7  | 13.7 |
| Lawrence   | 1,341  | 14.1 | 57 | 3 | 13.9 | 21.4 |      | 12.8 | 21.9 | 7.4  |      |
| Licking    | 3,107  | 12.1 | 20 | 1 | 12.1 | 15.6 | 11.6 | 11.6 | 15.7 | 9.1  | 21.0 |
| Logan      | 1,058  | 14.5 | 62 | 3 | 14.8 |      |      | 13.1 | 18.7 | 10.9 | 20.8 |
| Lorain     | 5,065  | 14.8 | 69 | 4 | 13.3 | 20.8 | 18.9 | 14.0 | 19.8 | 10.4 | 24.1 |
| Lucas      | 9,098  | 15.5 | 78 | 4 | 13.9 | 17.6 | 22.0 | 14.6 | 19.5 | 10.2 | 23.9 |
| Madison    | 780    | 13.1 | 39 | 2 | 12.9 |      |      | 12.0 | 19.9 | 8.9  | 10.5 |
| Mahoning   | 4,410  | 12.6 | 27 | 2 | 10.7 | 17.3 | 14.7 | 11.4 | 16.5 | 8.4  | 15.2 |
| Marion     | 1,292  | 14.3 | 61 | 3 | 14.5 | 15.7 | 10.0 | 13.1 | 20.0 | 7.8  | 19.4 |
| Medina     | 3,243  | 11.1 | 12 | 1 | 11.1 | 8.1  | 7.8  | 10.8 | 16.6 | 8.9  | 25.0 |
| Meigs      | 464    | 14.2 | 59 | 3 | 14.5 |      |      | 13.4 | 18.6 | 9.9  |      |
| Mercer     | 1049   | 10.9 | 9  | 1 | 10.6 |      | 20.0 | 10.4 | 18.5 | 8.4  |      |
| Miami      | 2,115  | 11.9 | 17 | 1 | 12.0 | 9.5  | 14.3 | 11.5 | 16.8 | 9.0  | 17.4 |
| Monroe     | 285    | 15.1 | 73 | 4 | 15.0 |      |      | 14.2 | 14.3 | 21.6 | 31.3 |
| Montgomery | 11,993 | 12.5 | 24 | 2 | 10.9 | 16.5 | 13.7 | 11.6 | 16.5 | 8.1  | 16.5 |
| Morgan     | 314    | 12.7 | 29 | 2 | 12.9 |      |      | 11.7 | 16.7 | 10.7 |      |
| Morrow     | 598    | 12.9 | 32 | 2 | 12.6 |      |      | 12.0 | 20.1 | 7.9  | 17.8 |
| Muskingum  | 1,910  | 15.8 | 81 | 4 | 15.6 | 19.0 |      | 15.0 | 19.9 | 12.8 | 26.8 |
| Noble      | 259    | 15.1 | 72 | 4 | 14.5 |      |      | 14.4 | 21.1 | 8.8  | 19.5 |
| Ottawa     | 647    | 13.0 | 36 | 2 | 13.4 |      | 8.7  | 12.7 | 18.6 | 10.6 |      |
| Paulding   | 442    | 10.0 | 5  | 1 | 8.7  |      | 24.2 | 9.6  | 13.7 | 8.2  |      |

|            |        |      |    |   |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|
| Perry      | 765    | 13.7 | 52 | 3 | 13.7 |      |      | 13.0 | 17.7 | 11.0 |      |
| Pickaway   | 841    | 12.4 | 22 | 1 | 12.2 |      |      | 11.5 | 17.5 | 9.8  | 14.3 |
| Pike       | 639    | 17.2 | 86 | 4 | 17.1 |      |      | 15.3 | 24.0 | 7.4  |      |
| Portage    | 2,551  | 9.8  | 3  | 1 | 9.8  | 9.8  | 18.5 | 9.4  | 12.7 | 8.0  | 11.6 |
| Preble     | 886    | 13.9 | 55 | 3 | 13.8 |      |      | 13.3 | 18.9 | 10.8 | 16.0 |
| Putnam     | 918    | 11.1 | 13 | 1 | 10.4 |      | 18.3 | 10.8 | 22.0 | 8.2  |      |
| Richland   | 2,317  | 15.6 | 79 | 4 | 15.1 | 19.3 | 22.0 | 14.2 | 21.0 | 11.3 | 14.7 |
| Ross       | 1,330  | 14.5 | 64 | 3 | 13.8 | 30.8 |      | 13.4 | 17.0 | 11.5 | 22.2 |
| Sandusky   | 1,267  | 13.5 | 47 | 3 | 11.8 | 18.4 | 21.5 | 12.2 | 18.3 | 9.8  | 24.0 |
| Scioto     | 1,648  | 16.2 | 82 | 4 | 15.9 | 27.6 |      | 14.5 | 19.6 | 10.4 |      |
| Seneca     | 1,146  | 12.9 | 35 | 2 | 13.1 | 16.0 | 8.5  | 12.6 | 18.3 | 9.8  | 7.4  |
| Shelby     | 1,214  | 14.9 | 70 | 4 | 14.7 |      | 16.7 | 14.2 | 23.6 | 9.6  | 25.0 |
| Stark      | 7,793  | 12.8 | 31 | 2 | 12.1 | 17.9 | 14.3 | 12.2 | 17.2 | 9.3  | 14.9 |
| Summit     | 10,216 | 12.6 | 26 | 2 | 11.4 | 17.9 | 12.2 | 11.8 | 16.5 | 9.9  | 8.4  |
| Trumbull   | 3,732  | 15.2 | 74 | 4 | 14.3 | 21.2 | 16.1 | 13.8 | 19.1 | 9.3  | 23.7 |
| Tuscarawas | 1,908  | 12.7 | 28 | 2 | 12.3 |      | 20.3 | 12.1 | 17.0 | 8.6  | 15.8 |
| Union      | 1,024  | 12.1 | 19 | 1 | 12.3 |      |      | 11.4 | 17.5 | 9.7  | 29.6 |
| Van Wert   | 705    | 13.0 | 37 | 2 | 12.9 |      |      | 12.0 | 17.8 | 9.6  |      |
| Vinton     | 287    | 12.9 | 33 | 2 | 13.0 |      |      | 11.6 | 14.0 | 12.8 |      |
| Warren     | 4,490  | 9.8  | 4  | 1 | 9.8  | 11.4 | 14.3 | 9.4  | 17.9 | 8.2  | 8.0  |
| Washington | 1,087  | 12.8 | 30 | 2 | 12.7 |      |      | 11.6 | 17.0 | 9.9  |      |
| Wayne      | 2,817  | 14.6 | 66 | 3 | 14.6 | 23.3 | 13.7 | 14.1 | 15.9 | 7.1  | 22.8 |
| Williams   | 802    | 13.7 | 51 | 3 | 14.0 |      | 11.4 | 13.1 | 19.7 | 9.2  | 7.4  |
| Wood       | 2,108  | 11.3 | 14 | 1 | 11.0 | 11.1 | 15.3 | 10.9 | 14.2 | 10.1 | 25.0 |
| Wyandot    | 459    | 10.9 | 11 | 1 | 10.6 |      |      | 10.1 | 16.2 | 8.0  | 11.5 |

Table 15 Ohio and its Counties: Women Not Breastfeeding their Infants (2006-2008)

|                      |  |                      | Women not Breastfeeding: Overall |                                      | Women not Breastfeeding: by Race/Ethnicity (% live births) |           |          | Women not Breastfeeding: By Age group (% live births) |             |           | Women not Breastfeeding: by Health Insurance (% live births) |         |           |
|----------------------|--|----------------------|----------------------------------|--------------------------------------|--|-----------|----------|---|-------------|-----------|--|---------|-----------|
|                      | Live births (with information on breast feeding) | Rate (% live births) | Rank of county (1-88)            | Quartile (1-4) among Ohio's counties | White NH*  | Black NH* | Hispanic | ≤17 years   | 18-19 years | ≥20 years | Medicaid   | Private | Uninsured |
| <b>Ohio</b>          | 441,281  | 37.2                 | -                                | -                                    | 35.4   | 50.2      | 30.6     | 60.0  | 53.0        | 35.1      | 54.3   | 26.1    | 25.8      |
| <b>Ohio Counties</b> |  |                      |                                  |                                      |  |           |          |   |             |           |  |         |           |
| Adams                | 1,082  | 55.5                 | 82                               | 4                                    | 55.4   |           |          | 63.5  | 63.4        | 54.2      | 69.1   | 38.6    | 20.0      |
| Allen                | 4,241  | 41.1                 | 48                               | 3                                    | 38.4   | 56.2      | 37.1     | 56.3  | 48.3        | 39.5      | 52.9   | 30.3    | 40.9      |
| Ashland              | 2,028  | 28.9                 | 10                               | 1                                    | 28.5   |           | 50.0     | 67.6  | 49.0        | 27.0      | 47.5   | 26.0    | 3.3       |
| Ashtabula            | 3,725  | 41.4                 | 51                               | 3                                    | 40.9   | 66.7      | 34.7     | 58.0  | 51.1        | 39.7      | 53.2   | 32.1    | 28.4      |
| Athens               | 1,663  | 36.3                 | 29                               | 2                                    | 38.4   | 28.6      |          | 63.4  | 55.5        | 33.6      | 55.3   | 26.2    | 23.2      |
| Auglaize             | 1,859  | 34.0                 | 22                               | 1                                    | 33.9   |           | 39.4     | 51.2  | 50.7        | 32.0      | 49.9   | 26.1    | 45.9      |
| Belmont              | 1,392  | 53.5                 | 78                               | 4                                    | 52.4   | 82.1      |          | 67.5  | 59.6        | 52.2      | 65.5   | 37.3    | 21.7      |
| Brown                | 1,593  | 52.8                 | 77                               | 4                                    | 52.9   |           |          | 65.9  | 65.2        | 51.2      | 69.1   | 37.3    | 43.5      |
| Butler               | 15,297   | 38.0                 | 36                               | 2                                    | 39.7   | 42.4      | 22.4     | 65.4  | 57.8        | 35.3      | 60.1   | 26.2    | 30.8      |
| Carroll              | 1,011  | 36.8                 | 33                               | 2                                    | 37.0   |           |          |   | 45.2        | 35.6      | 53.1   | 28.9    | 24.3      |
| Champaign            | 1,543  | 39.0                 | 40                               | 2                                    | 39.3   | 43.8      |          | 61.8  | 54.1        | 36.6      | 54.1   | 28.6    | 32.6      |
| Clark                | 5,504  | 42.9                 | 60                               | 3                                    | 42.2   | 58.2      | 22.3     | 55.5  | 47.8        | 41.5      | 55.1   | 30.2    | 36.4      |
| Clermont             | 8,265  | 37.1                 | 34                               | 2                                    | 37.5   | 37.4      | 26.8     | 58.2  | 55.0        | 35.3      | 56.0   | 26.6    | 33.0      |
| Clinton              | 1,669  | 39.7                 | 42                               | 2                                    | 39.9   | 53.1      | 29.7     | 56.3  | 48.3        | 38.1      | 52.5   | 30.8    | 34.8      |
| Columbiana           | 3,433  | 46.7                 | 66                               | 3                                    | 46.8   | 64.1      | 29.7     | 66.7  | 61.5        | 44.5      | 59.6   | 33.6    | 24.5      |
| Coshocton            | 1,320  | 38.1                 | 38                               | 2                                    | 37.9   |           |          | 61.5  | 51.6        | 36.1      | 56.1   | 30.5    | 10.8      |
| Crawford             | 1,470  | 48.6                 | 72                               | 4                                    | 48.8   |           |          | 70.0  | 57.1        | 46.6      | 57.9   | 37.6    | 32.3      |
| Cuyahoga             | 48,927   | 32.6                 | 15                               | 1                                    | 25.5   | 46.5      | 28.0     | 52.4  | 46.1        | 30.5      | 45.1   | 21.3    | 32.5      |
| Darke                | 2,025  | 35.7                 | 27                               | 2                                    | 36.1   |           |          | 52.1  | 42.4        | 34.7      | 53.6   | 27.8    | 22.4      |
| Defiance             | 1,487  | 38.0                 | 37                               | 2                                    | 36.0   | 41.9      | 50.8     | 55.3  | 49.6        | 36.2      | 52.4   | 28.4    | 16.7      |
| Delaware             | 7,064  | 27.8                 | 6                                | 1                                    | 27.5   | 38.7      | 31.2     | 68.1  | 54.2        | 26.7      | 55.6   | 23.9    | 19.0      |
| Erie                 | 2,545  | 40.5                 | 46                               | 3                                    | 37.1   | 62.3      | 32.7     | 61.7  | 53.0        | 38.5      | 54.7   | 28.1    | 40.0      |
| Fairfield            | 5,244  | 33.1                 | 17                               | 1                                    | 33.2   | 34.8      | 30.8     | 54.5  | 51.8        | 31.3      | 48.8   | 25.7    | 32.0      |
| Fayette              | 1,185  | 40.0                 | 44                               | 2                                    | 41.2   | 31.3      | 8.8      | 62.8  | 56.0        | 36.8      | 53.4   | 28.1    | 18.2      |
| Franklin             | 53,604   | 35.8                 | 28                               | 2                                    | 31.8   | 48.3      | 22.6     | 56.9  | 53.2        | 33.7      | 56.3   | 24.1    | 26.5      |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Fulton     | 1,584  | 29.5 | 12 | 1 | 28.8 |      | 36.9 | 50.0 | 47.5 | 27.6 | 48.0 | 21.0 | 21.6 |
| Gallia     | 1,089  | 54.9 | 81 | 4 | 54.6 | 75.0 |      | 75.8 | 69.4 | 52.3 | 69.7 | 42.1 | 8.5  |
| Geauga     | 2,870  | 22.8 | 3  | 1 | 23   | 26.7 | 10.7 |      | 46.7 | 22.1 | 36.6 | 21.3 | 19.9 |
| Greene     | 5,375  | 26.0 | 5  | 1 | 26.4 | 33.3 | 14.9 | 46.6 | 43.3 | 24.5 | 44.5 | 17.8 | 30.1 |
| Guernsey   | 1508   | 47.1 | 68 | 4 | 47.2 |      |      | 54.8 | 59.7 | 45.5 | 61.2 | 33.9 | 10.7 |
| Hamilton   | 34,395 | 37.6 | 35 | 2 | 31.7 | 50.4 | 26.7 | 61.2 | 54.5 | 35.1 | 56.2 | 23.4 | 35   |
| Hancock    | 2,846  | 36.5 | 30 | 2 | 35.6 | 42.9 | 53.8 | 57.0 | 52.2 | 34.6 | 53.9 | 29.5 | 38.8 |
| Hardin     | 1,177  | 42.3 | 57 | 3 | 42.2 |      |      | 73.7 | 61.0 | 39.3 | 55.8 | 37.3 | 18.7 |
| Harrison   | 485    | 53.7 | 79 | 4 | 53.6 |      |      |      | 61.0 | 51.8 | 70.3 | 37.0 | 10.0 |
| Henry      | 1,127  | 33.6 | 21 | 1 | 32.5 |      | 44.1 | 63.3 | 38.2 | 32.4 | 42.9 | 29.3 |      |
| Highland   | 1,768  | 41.8 | 54 | 3 | 41.6 | 60.0 |      | 62.3 | 58.9 | 39.0 | 54.4 | 29.3 | 25.0 |
| Hocking    | 1,057  | 41.3 | 49 | 3 | 41.4 |      |      | 60.0 | 51.4 | 39.5 | 52.9 | 26.1 | 36.8 |
| Holmes     | 2,379  | 15.5 | 1  | 1 | 15.4 |      |      |      | 40.8 | 14.5 | 43.0 | 24.3 | 7.9  |
| Huron      | 2,576  | 40.0 | 43 | 2 | 40.3 |      | 37.8 | 51.6 | 46.0 | 38.8 | 52.2 | 31.1 | 31.7 |
| Jackson    | 1,282  | 60.1 | 87 | 4 | 60.6 |      |      | 84.2 | 78.9 | 56.6 | 75.9 | 43.9 | 10.8 |
| Jefferson  | 1,705  | 56.3 | 83 | 4 | 55.2 | 72.4 |      | 74.3 | 69.2 | 53.9 | 67.3 | 42.0 | 30.0 |
| Knox       | 2,197  | 34.3 | 25 | 2 | 34.4 |      |      | 62.1 | 51.5 | 32.3 | 53.4 | 29.9 | 5.4  |
| Lake       | 7,571  | 32.8 | 16 | 1 | 33.6 | 40.1 | 23.0 | 46.9 | 40.7 | 32.1 | 43.4 | 28.4 | 28.8 |
| Lawrence   | 869    | 63.2 | 88 | 4 | 63.1 |      |      |      | 73.0 | 61.3 | 68.6 | 48.5 |      |
| Licking    | 6,186  | 39.3 | 41 | 2 | 39.5 | 37.3 | 29.8 | 58.3 | 52.7 | 37.5 | 53.2 | 30.1 | 33.1 |
| Logan      | 1,898  | 42.1 | 56 | 3 | 42.3 | 44.4 | 24.1 | 66.1 | 66.5 | 38.3 | 58.1 | 31.8 | 17.5 |
| Lorain     | 10,879 | 47.3 | 69 | 4 | 43.9 | 71.5 | 52.5 | 68.5 | 70.6 | 44.7 | 65.1 | 35.7 | 45.0 |
| Lucas      | 18,978 | 41.4 | 50 | 3 | 34.8 | 59.1 | 46.7 | 63.3 | 56.1 | 38.8 | 56.7 | 24.1 | 50.2 |
| Madison    | 1,487  | 42.1 | 55 | 3 | 42.1 | 70.6 | 24.1 | 55.6 | 64.1 | 39.5 | 65.3 | 29.0 | 21.5 |
| Mahoning   | 7,858  | 48.9 | 73 | 4 | 42.4 | 68.0 | 49.1 | 69.3 | 65.0 | 46.4 | 61.5 | 35.3 | 44.8 |
| Marion     | 2,412  | 50.6 | 75 | 4 | 50.4 | 64.0 | 48.2 | 70.1 | 60.2 | 47.9 | 60.9 | 32.8 | 36.9 |
| Medina     | 5,819  | 28.1 | 8  | 1 | 28.0 | 41.9 | 33.0 | 57.7 | 46.6 | 26.9 | 44.4 | 24.2 | 18.3 |
| Meigs      | 667    | 54.1 | 80 | 4 | 53.9 |      |      | 75.0 | 66.7 | 51.6 | 66.6 | 37.5 |      |
| Mercer     | 1,611  | 35.3 | 26 | 2 | 35.0 |      | 55.6 | 67.7 | 56.3 | 33.4 | 56.1 | 28.7 |      |
| Miami      | 3,720  | 33.2 | 18 | 1 | 33.3 | 50.0 | 25.0 | 56.1 | 51.1 | 30.9 | 51.3 | 22.5 | 36.7 |
| Monroe     | 346    | 43.4 | 64 | 3 | 43.4 |      |      |      |      | 43.0 | 61.1 | 42.6 | 6.3  |
| Montgomery | 21,611 | 33.5 | 20 | 1 | 30.1 | 46.2 | 13.1 | 53.7 | 43.1 | 31.6 | 48.0 | 21.3 | 34.4 |
| Morgan     | 494    | 47.6 | 70 | 4 | 46.1 |      |      |      | 68.2 | 44.8 | 62.6 | 39.5 |      |
| Morrow     | 1,254  | 38.6 | 39 | 2 | 38.5 |      |      | 70.6 | 49.0 | 36.1 | 56.9 | 31.9 | 7.4  |
| Muskingum  | 3,342  | 50.4 | 74 | 4 | 49.9 | 63.8 |      | 69.6 | 63.8 | 48.2 | 65.3 | 43.0 | 38.8 |
| Noble      | 458    | 40.8 | 47 | 3 | 41.3 |      |      |      | 54.5 | 38.5 | 58.8 | 32.2 | 7.8  |
| Ottawa     | 1,260  | 36.5 | 31 | 2 | 35.9 |      | 44.3 | 78.1 | 44.0 | 34.8 | 52.8 | 28.5 | 14.3 |
| Paulding   | 671    | 46.7 | 67 | 4 | 46.3 |      | 48.9 |      | 57.4 | 44.3 | 59.3 | 34.1 |      |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Perry      | 1,343  | 43.3 | 63 | 3 | 43.4 |      |      | 72.1 | 51.5 | 41.3 | 56.7 | 33.1 | 27.3 |
| Pickaway   | 1,894  | 47.8 | 71 | 4 | 48.2 |      |      | 75.0 | 70.2 | 44.3 | 72.1 | 34.8 | 42.6 |
| Pike       | 1,170  | 57.2 | 86 | 4 | 57.2 |      |      | 89.5 | 68.9 | 53.4 | 68.3 | 39.8 | 20.0 |
| Portage    | 4,843  | 29.0 | 11 | 1 | 29.2 | 32.5 | 21.7 | 45.8 | 40.2 | 27.9 | 42.2 | 22.0 | 34.4 |
| Preble     | 1,464  | 32.4 | 13 | 1 | 32.6 |      |      | 54.8 | 37.5 | 31.0 | 42.1 | 25.6 | 23.8 |
| Putnam     | 1,507  | 32.4 | 14 | 1 | 31.2 |      | 43.4 |      | 41.3 | 31.6 | 50.5 | 27.8 | 22.9 |
| Richland   | 4,783  | 43.1 | 61 | 3 | 40.7 | 66.3 | 37.5 | 74.2 | 57.6 | 39.7 | 59.4 | 31.1 | 16.2 |
| Ross       | 2,812  | 51.2 | 76 | 4 | 51.2 | 62.3 | 29.6 | 61.9 | 65.3 | 49.0 | 66.4 | 32.9 | 48.9 |
| Sandusky   | 2,351  | 34.0 | 23 | 2 | 33.8 | 55.4 | 30.9 | 48.7 | 38.5 | 33.0 | 43.4 | 28.6 | 26.0 |
| Scioto     | 2,877  | 56.9 | 85 | 4 | 56.8 | 66.7 | 48.0 | 64.5 | 67.1 | 55.2 | 67.4 | 38.0 | 66.7 |
| Seneca     | 2,159  | 42.8 | 59 | 3 | 41.5 | 70.2 | 54.2 | 68.3 | 49.1 | 41.5 | 55.9 | 33.3 | 46.5 |
| Shelby     | 2,119  | 40.3 | 45 | 3 | 40.5 | 58.7 | 26.7 | 71.3 | 55.7 | 37.4 | 60.1 | 28.5 | 47.5 |
| Stark      | 13,476 | 41.7 | 52 | 3 | 39.5 | 61.5 | 30.2 | 67.7 | 59.8 | 39.3 | 60.3 | 28.1 | 30.6 |
| Summit     | 19,562 | 34.2 | 24 | 2 | 31.4 | 47.9 | 18.4 | 60.5 | 50.1 | 32.0 | 50.4 | 22.7 | 30.1 |
| Trumbull   | 7,021  | 43.3 | 62 | 3 | 41.6 | 57.6 | 40.0 | 64.0 | 50.0 | 41.9 | 55.3 | 32.1 | 28.5 |
| Tuscarawas | 3,557  | 42.3 | 58 | 3 | 41.9 |      | 51.1 | 70.8 | 61.5 | 40.2 | 62.1 | 33.8 | 19.7 |
| Union      | 2,068  | 28.0 | 7  | 1 | 28.8 |      | 0.0  | 66.7 | 43.1 | 26.4 | 49.1 | 21.6 | 30.0 |
| Van Wert   | 1,096  | 41.8 | 53 | 3 | 42.1 |      | 36.4 | 53.8 | 64.2 | 39.1 | 57.0 | 31.3 |      |
| Vinton     | 532    | 56.4 | 84 | 4 | 56.9 |      |      |      | 67.4 | 55.0 | 66.3 | 47.3 | 18.5 |
| Warren     | 8,018  | 25.9 | 4  | 1 | 27.2 | 27.0 | 13.5 | 58.6 | 48.3 | 24.5 | 52.3 | 19.6 | 33.6 |
| Washington | 1,560  | 45.4 | 65 | 3 | 45.4 |      |      | 64.6 | 65.4 | 42.5 | 59.3 | 31.8 | 31.3 |
| Wayne      | 4,810  | 21.9 | 2  | 1 | 21.7 | 43.3 | 12.4 | 48.0 | 37.3 | 20.4 | 41.4 | 20.1 | 5.6  |
| Williams   | 1,327  | 33.2 | 19 | 1 | 33.0 |      | 36.5 | 46.8 | 38.6 | 32.0 | 42.1 | 26.5 | 12.2 |
| Wood       | 4,089  | 28.7 | 9  | 1 | 28.4 | 34.2 | 37.5 | 51.2 | 46.8 | 27.1 | 44.9 | 22.8 | 33.3 |
| Wyandot    | 856    | 36.6 | 32 | 2 | 37.6 |      | 13.9 |      | 39.0 | 36.0 | 47.3 | 33.0 | 10.0 |

Table 16 Ohio and its Counties: Single Mothers of Infants (2006-2008)

|                      | Single Mothers: Overall              |                            | Single Mothers: by Race/Ethnicity<br>(% live births) |                                       |             | Single Mothers: by Age Group<br>(% live births) |          |           | Single Mothers: by Health Insurance<br>(% live births) |              |          |         |           |
|----------------------|--------------------------------------|----------------------------|--|---------------------------------------|-------------|---|----------|-----------|--|--------------|----------|---------|-----------|
|                      | Live births<br>(with<br>information) | Rate<br>(% live<br>births) | Rank of<br>county<br>(1-88)                          | Quartile<br>among<br>Ohio<br>counties | White<br>NH | Black<br>NH                                     | Hispanic | ≤17 years | 18-19<br>years   | ≥20<br>years | Medicaid | Private | Uninsured |
| <b>Ohio</b>          | 449,886                              | 41.8                       |  |                                       | 33.9        | 78.0  | 58.4     | 97.2      | 89.1   | 35.8         | 75.6     | 17.9    | 38.8      |
| <b>Ohio Counties</b> |                                      |                            |  |                                       |             |   |          |           |  |              |          |         |           |
| Adams                | 1,148                                | 41.6                       | 55   | 3                                     | 41.3        |   |          | 91.1      | 78.8   | 34.9         | 61.5     | 13.4    | 15.3      |
| Allen                | 4,251                                | 49.1                       | 80   | 4                                     | 41.7        | 87.0  | 51.4     | 97.5      | 91.1   | 41.7         | 79.9     | 20.9    | 50.0      |
| Ashland              | 2,045                                | 28.1                       | 10   | 1                                     | 27.2        |   | 79.3     | 97.4      | 84.0   | 23.6         | 62.9     | 14.9    | 3.6       |
| Ashtabula            | 3,813                                | 44.8                       | 69   | 4                                     | 43.1        | 81.7  | 55.2     | 97.8      | 88.6   | 38.3         | 71.4     | 25.2    | 14.9      |
| Athens               | 1,707                                | 39.3                       | 46   | 3                                     | 40.4        | 44.2  |          | 97.9      | 78.9   | 33.5         | 62.3     | 26.3    | 37.3      |
| Auglaize             | 1,863                                | 32.2                       | 17   | 1                                     | 31.6        |   | 57.6     | 100.0     | 88.2   | 25.4         | 70.5     | 13.2    | 56.8      |
| Belmont              | 2,127                                | 45.1                       | 71   | 4                                     | 44.2        | 91.7  |          | 97.4      | 89.3   | 38.5         | 72.0     | 12.0    | 12.8      |
| Brown                | 1,647                                | 41.8                       | 58   | 3                                     | 42.0        |   |          | 94.0      | 80.1   | 36.1         | 67.1     | 15.8    | 26.5      |
| Butler               | 15,371                               | 39.6                       | 47   | 3                                     | 35.5        | 65.4  | 63.5     | 96.9      | 87.7   | 33.4         | 73.8     | 16.5    | 59.3      |
| Carroll              | 1,016                                | 33.5                       | 21   | 1                                     | 33.3        |   |          |           | 75.7   | 28.9         | 68.4     | 11.8    | 11.3      |
| Champaign            | 1,543                                | 38.0                       | 40   | 2                                     | 37.4        | 65.6  |          | 98.2      | 85.1   | 30.9         | 65.4     | 17.6    | 44.2      |
| Clark                | 5,509                                | 53.0                       | 88   | 4                                     | 48.5        | 83.4  | 60.9     | 97.1      | 89.5   | 46.2         | 76.1     | 27.4    | 65.1      |
| Clermont             | 8,398                                | 33.1                       | 20   | 1                                     | 33.0        | 52.0  | 41.5     | 95.6      | 84.0   | 28.0         | 68.6     | 13.9    | 40.8      |
| Clinton              | 1,680                                | 41.8                       | 59   | 3                                     | 40.7        | 84.8  | 52.6     | 93.0      | 81.3   | 35.4         | 69.3     | 20.7    | 39.1      |
| Columbiana           | 3,621                                | 41.7                       | 57   | 3                                     | 41.2        | 85.4  | 45.9     | 98.1      | 83.3   | 35.7         | 66.9     | 15.2    | 28.8      |
| Coshocton            | 1,320                                | 38.1                       | 42   | 2                                     | 37.5        |   |          | 97.8      | 84.6   | 31.7         | 65.2     | 19.5    | 7.8       |
| Crawford             | 1,474                                | 44.8                       | 68   | 4                                     | 44.8        |   |          | 98.4      | 83.6   | 37.5         | 69.3     | 20.0    | 22.6      |
| Cuyahoga             | 49,381                               | 49.7                       | 84   | 4                                     | 27.6        | 81.7  | 61.6     | 98.5      | 94.7   | 43.3         | 79.7     | 20.7    | 52.4      |
| Darke                | 2,077                                | 31.7                       | 16   | 1                                     | 31.5        |   |          | 94.5      | 79.1   | 25.3         | 67.5     | 14.0    | 20.7      |
| Defiance             | 1,552                                | 37.2                       | 38   | 2                                     | 33.5        | 87.1  | 57.5     | 100.0     | 86.3   | 30.4         | 70.6     | 16.0    | 31.0      |
| Delaware             | 7,134                                | 14.8                       | 3  | 1                                     | 14.0        | 37.2  | 33.1     | 92.7      | 86.9   | 12.3         | 69.0     | 7.2     | 28.0      |
| Erie                 | 2,553                                | 48.3                       | 79   | 4                                     | 41.2        | 84.6  | 69.5     | 98.9      | 96.8   | 41.7         | 78.9     | 22.3    | 53.8      |
| Fairfield            | 5,269                                | 32.7                       | 19   | 1                                     | 31.9        | 47.6  | 43.3     | 95.5      | 83.2   | 27.9         | 67.6     | 15.7    | 36.1      |
| Fayette              | 1,189                                | 49.3                       | 82   | 4                                     | 48.2        | 81.3  | 61.8     | 95.3      | 86.2   | 42.3         | 72.2     | 20.7    | 52.3      |
| Franklin             | 54,869                               | 43.9                       | 64   | 3                                     | 32.6        | 67.4  | 60.7     | 97.3      | 91.0   | 38.3         | 74.8     | 22.5    | 60.5      |

|            |        |      |    |   |      |      |      |       |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|-------|------|------|------|------|------|
| Fulton     | 1,598  | 31.5 | 15 | 1 | 28.4 |      | 57.2 | 100.0 | 84.8 | 25.6 | 70.9 | 12.3 | 53.8 |
| Gallia     | 1,245  | 38.3 | 43 | 2 | 37.2 | 80.6 |      | 90.9  | 68.4 | 32.4 | 57.8 | 9.5  | 4.7  |
| Geauga     | 2,889  | 12.6 | 2  | 1 | 11.9 | 65.6 | 17.2 |       | 77.9 | 10.2 | 54.6 | 10.5 | 3.4  |
| Greene     | 5,384  | 32.5 | 18 | 1 | 30.3 | 69.5 | 27.9 | 98.3  | 87.1 | 27.6 | 72.8 | 14.5 | 45.2 |
| Guernsey   | 1,515  | 43.2 | 62 | 3 | 42.8 |      |      | 95.2  | 76.0 | 38.0 | 63.4 | 20.8 | 8.9  |
| Hamilton   | 35,316 | 50.7 | 86 | 4 | 32.1 | 81.9 | 61.1 | 98.3  | 94.8 | 44.5 | 85.1 | 21.7 | 59.6 |
| Hancock    | 2,851  | 37.2 | 37 | 2 | 35.3 | 71.9 | 61.5 | 96.2  | 86.7 | 31.3 | 69.5 | 25.2 | 39.8 |
| Hardin     | 1,181  | 37.7 | 39 | 2 | 37.2 |      |      | 92.1  | 83.3 | 31.2 | 68.8 | 19.9 | 17.3 |
| Harrison   | 545    | 41.5 | 53 | 3 | 40.9 |      |      |       | 86.4 | 34.8 | 69.6 | 12.1 | 13.3 |
| Henry      | 1,135  | 35.7 | 27 | 2 | 33.5 |      | 53.8 | 90.6  | 86.1 | 30.1 | 74.2 | 15.3 |      |
| Highland   | 1,778  | 40.4 | 49 | 3 | 39.6 | 84.6 |      | 91.7  | 80.1 | 33.6 | 64.0 | 18.9 | 20.9 |
| Hocking    | 1,059  | 38.9 | 45 | 3 | 38.5 |      |      | 90.9  | 74.1 | 32.9 | 56.3 | 16.2 | 33.3 |
| Holmes     | 2,379  | 9.6  | 1  | 1 | 9.3  |      |      |       | 79.2 | 6.9  | 64.0 | 8.9  | 1.3  |
| Huron      | 2,582  | 44.4 | 66 | 3 | 41.8 |      | 61.3 | 99.0  | 88.9 | 37.3 | 72.2 | 19.7 | 54.4 |
| Jackson    | 1,302  | 40.2 | 48 | 3 | 40.2 |      |      | 84.1  | 80.5 | 32.9 | 60.7 | 13.8 | 8.6  |
| Jefferson  | 2,181  | 45.3 | 72 | 4 | 42.8 | 80.6 |      | 96.7  | 87.9 | 38.5 | 72.3 | 20.5 | 26.0 |
| Knox       | 2,215  | 31.0 | 12 | 1 | 31.0 |      |      | 95.3  | 80.0 | 25.7 | 64.0 | 17.1 | 3.8  |
| Lake       | 7,596  | 31.2 | 14 | 1 | 28.6 | 68.2 | 43.4 | 99.3  | 87.6 | 27.1 | 67.0 | 15.5 | 40.4 |
| Lawrence   | 2,374  | 41.6 | 54 | 3 | 41.2 | 62.5 |      | 90.4  | 78.3 | 35.4 | 65.6 | 12.9 |      |
| Licking    | 6,227  | 38.0 | 41 | 2 | 37.7 | 55.9 | 35.6 | 98.3  | 86.5 | 31.9 | 71.4 | 17.0 | 31.8 |
| Logan      | 1,906  | 36.8 | 34 | 2 | 36.5 | 61.1 | 31.0 | 95.2  | 79.3 | 29.8 | 67.5 | 15.4 | 16.3 |
| Lorain     | 10,906 | 42.8 | 60 | 3 | 34.5 | 82.1 | 65.0 | 96.2  | 91.8 | 36.9 | 76.5 | 18.1 | 46.4 |
| Lucas      | 19,120 | 52.0 | 87 | 4 | 39.4 | 84.0 | 67.2 | 98.8  | 93.1 | 45.4 | 81.7 | 19.1 | 57.3 |
| Madison    | 1,494  | 35.9 | 30 | 2 | 34.9 | 73.7 | 46.7 | 95.7  | 86.7 | 29.3 | 66.8 | 17.4 | 27.7 |
| Mahoning   | 7,899  | 49.6 | 83 | 4 | 35.1 | 88.6 | 69.3 | 97.9  | 93.5 | 43.2 | 82.0 | 15.0 | 46.7 |
| Marion     | 2,415  | 49.9 | 85 | 4 | 48.4 | 71.7 | 71.3 | 95.3  | 86.3 | 41.5 | 73.1 | 18.1 | 47.8 |
| Medina     | 5,839  | 22.0 | 6  | 1 | 21.2 | 54.5 | 35   | 92.0  | 85.4 | 18.4 | 70.3 | 9.7  | 12.3 |
| Meigs      | 804    | 45.9 | 74 | 4 | 45.6 |      |      | 93.5  | 83.3 | 39.6 | 66.8 | 22.3 |      |
| Mercer     | 1,638  | 24.9 | 8  | 1 | 24.2 |      | 55.2 | 100.0 | 83.7 | 19.8 | 72.6 | 9.3  |      |
| Miami      | 3,726  | 36.1 | 32 | 2 | 35.7 | 72.2 | 40.6 | 99.1  | 86.6 | 29.7 | 73.1 | 14.1 | 46.8 |
| Monroe     | 465    | 30.1 | 11 | 1 | 30.1 |      |      |       | 84.6 | 26.2 | 56.5 | 10.1 | 10.4 |
| Montgomery | 21,645 | 49.2 | 81 | 4 | 37.9 | 80.5 | 49.1 | 98.5  | 90.6 | 43.1 | 82.0 | 21.2 | 60.1 |
| Morgan     | 509    | 41.7 | 56 | 3 | 40.7 |      |      |       | 76.6 | 36.9 | 65.2 | 27.5 |      |
| Morrow     | 1,269  | 35.8 | 28 | 2 | 35.8 |      |      | 100.0 | 82.9 | 28.0 | 65.7 | 18.8 | 6.3  |
| Muskingum  | 3,344  | 47.5 | 78 | 4 | 45.7 | 84.5 |      | 97.5  | 81.0 | 41.8 | 69.4 | 36.0 | 34.9 |
| Noble      | 467    | 34.0 | 22 | 1 | 33.8 |      |      |       | 81.8 | 28.7 | 58.9 | 19.4 | 7.8  |
| Ottawa     | 1,262  | 34.7 | 23 | 2 | 32.9 |      | 51.9 | 90.6  | 89.4 | 29.1 | 72.2 | 14.5 | 37.9 |
| Paulding   | 756    | 35.4 | 25 | 2 | 33.9 |      | 53.2 |       | 95.8 | 29.4 | 68.1 | 16.0 |      |

|            |        |      |    |   |      |      |      |       |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|-------|------|------|------|------|------|
| Perry      | 1,345  | 43.7 | 63 | 3 | 43.7 |      |      | 97.7  | 83.7 | 36.8 | 65.0 | 26.5 | 41.2 |
| Pickaway   | 1,899  | 37.2 | 36 | 2 | 37.2 |      |      | 95.9  | 86.3 | 29.6 | 69.4 | 18.8 | 36.1 |
| Pike       | 1,179  | 46.6 | 76 | 4 | 46.4 |      |      | 89.8  | 78.8 | 39.1 | 64.1 | 14.7 | 30.4 |
| Portage    | 48,54  | 36.9 | 35 | 2 | 35.6 | 71.1 | 33.3 | 95.7  | 90.2 | 31.6 | 75.2 | 14.1 | 32.1 |
| Preble     | 15,14  | 36.1 | 31 | 2 | 36.1 |      |      | 95.3  | 80.1 | 29.3 | 65.8 | 14.5 | 18.8 |
| Putnam     | 15,12  | 23.7 | 7  | 1 | 19.4 |      | 63.5 |       | 90.4 | 18.6 | 65.2 | 12.6 | 33.3 |
| Richland   | 47,92  | 44.2 | 65 | 3 | 39.8 | 83.3 | 51.2 | 98.7  | 86.9 | 36.2 | 73.8 | 19.6 | 16.5 |
| Ross       | 28,18  | 45.9 | 75 | 4 | 45.1 | 73.6 | 41.9 | 95.3  | 84.6 | 38.5 | 69.0 | 18.2 | 38.8 |
| Sandusky   | 23,61  | 44.7 | 67 | 4 | 40.1 | 87.0 | 61.2 | 97.5  | 89.1 | 37.9 | 77.1 | 22.9 | 65.3 |
| Scioto     | 30,25  | 45.8 | 73 | 4 | 45.2 | 73.7 | 53.8 | 93.3  | 75.2 | 39.4 | 64.2 | 13.7 | 44.1 |
| Seneca     | 21,59  | 45.0 | 70 | 4 | 42.4 | 91.7 | 68.6 | 100.0 | 90.5 | 39.2 | 75.3 | 23.5 | 48.8 |
| Shelby     | 21,24  | 36.3 | 33 | 2 | 35.4 | 69.6 | 53.2 | 89.8  | 83.6 | 29.3 | 72.7 | 14.0 | 59.3 |
| Stark      | 13,494 | 42.9 | 61 | 3 | 37.2 | 85.3 | 53.5 | 97.4  | 91.5 | 37.0 | 80.0 | 14.3 | 39.3 |
| Summit     | 19,648 | 40.8 | 50 | 3 | 31.1 | 79.1 | 44.9 | 98.6  | 93.1 | 34.6 | 79.2 | 13.9 | 42.4 |
| Trumbull   | 7,199  | 47.0 | 77 | 4 | 42.2 | 83.7 | 54.3 | 95.0  | 90.4 | 41.3 | 77.8 | 18.0 | 14.8 |
| Tuscarawas | 3,561  | 35.6 | 26 | 2 | 33.7 |      | 75.9 | 98.5  | 82.2 | 30.5 | 71.3 | 11.6 | 21.9 |
| Union      | 2,072  | 21.8 | 5  | 1 | 22.1 |      | 24.0 | 92.3  | 81.9 | 17.1 | 58.2 | 10.6 | 17.1 |
| Van Wert   | 1,172  | 35.2 | 24 | 2 | 34.4 |      | 57.1 | 96.3  | 80.0 | 29.6 | 68.2 | 15.7 |      |
| Vinton     | 535    | 41.3 | 52 | 3 | 41.4 |      |      |       | 60.8 | 37.1 | 54.9 | 24.0 | 28.6 |
| Warren     | 8,081  | 20.3 | 4  | 1 | 20.4 | 33.9 | 29.9 | 93.0  | 80.1 | 16.8 | 68.4 | 8.7  | 36.6 |
| Washington | 1,997  | 35.8 | 29 | 2 | 35.5 |      |      | 87.9  | 79.4 | 29.9 | 64.1 | 15.2 | 32.4 |
| Wayne      | 4,818  | 25.8 | 9  | 1 | 24.5 | 74.6 | 45.6 | 96.1  | 83.4 | 20.8 | 69.5 | 13.3 | 4.5  |
| Williams   | 1,394  | 40.9 | 51 | 3 | 40.3 |      | 52.7 | 95.8  | 86.0 | 33.9 | 72.2 | 19.0 | 29.3 |
| Wood       | 4,104  | 31.1 | 13 | 1 | 29.3 | 49.4 | 56.1 | 98.9  | 88.2 | 25.9 | 74.4 | 15.5 | 44.1 |
| Wyandot    | 856    | 38.4 | 44 | 2 | 37.3 |      | 70.3 |       | 85.2 | 31.6 | 75.0 | 19.8 | 43.9 |

**Table 17 Ohio and its Counties: Percentage of Mothers with at Least one Medical Risk (Gestational diabetes, Pre-pregnancy hypertension, Gestational hypertension, Previous preterm birth, Previous poor pregnancy outcome) during Pregnancy (2006-2008)**

| County               | Overall                        |         |                        |                     | Race/Ethnicity |          |          | Age group |             |           | Health Insurance |         |           |
|----------------------|--------------------------------|---------|------------------------|---------------------|----------------|----------|----------|-----------|-------------|-----------|------------------|---------|-----------|
|                      | Live births (with information) | Total % | Rank of Total % (1-88) | Quartile of Total % | White NH       | Black NH | Hispanic | ≤17 years | 18-19 years | ≥20 years | Medicaid         | Private | Uninsured |
| Ohio                 | 449,886                        | 24.2    | -                      | -                   | 23.8           | 26.1     | 24.6     | 7.9       | 12.2        | 25.8      | 24.1             | 25.3    | 22.1      |
| <b>Ohio Counties</b> |                                |         |                        |                     |                |          |          |           |             |           |                  |         |           |
| Adams                | 1,148                          | 25.1    | 56                     | 3                   | 25.1           |          |          | 12.5      | 6.7         | 27.7      | 27.5             | 27.1    | 18.6      |
| Allen                | 4,251                          | 25.5    | 57                     | 3                   | 25.0           | 27.3     | 24.3     | 5.0       | 12.6        | 28.1      | 22.8             | 28.4    | 19.5      |
| Ashland              | 2,045                          | 23.9    | 44                     | 2                   | 23.5           |          | 37.9     | 2.6       | 13.2        | 24.9      | 26.1             | 25.4    | 16.8      |
| Ashtabula            | 3,813                          | 22.2    | 22                     | 1                   | 22.1           | 20.8     | 26.2     | 3.0       | 9.3         | 24.3      | 20.9             | 23.5    | 29.7      |
| Athens               | 1,707                          | 26.1    | 65                     | 3                   | 26.6           | 26.9     |          | 6.3       | 9.5         | 28.4      | 27.7             | 26.5    | 13.6      |
| Auglaize             | 1,863                          | 27.8    | 77                     | 4                   | 27.9           |          | 18.2     | 11.9      | 7.8         | 30.0      | 25.7             | 29.1    | 24.3      |
| Belmont              | 2,127                          | 23.8    | 41                     | 2                   | 23.8           | 18.8     |          | 6.6       | 9.1         | 26.0      | 32.6             | 34.1    | 23.4      |
| Brown                | 1,647                          | 22.7    | 28                     | 2                   | 22.3           |          |          | 6.0       | 6.2         | 24.9      | 23.5             | 25.7    | 14.3      |
| Butler               | 15,371                         | 26.3    | 66                     | 3                   | 26.0           | 30.2     | 24.3     | 6.5       | 11.5        | 28.3      | 23.8             | 28.0    | 25.9      |
| Carroll              | 1,016                          | 24.2    | 47                     | 3                   | 24.5           |          |          |           | 12.2        | 25.6      | 21.2             | 26.4    | 21.1      |
| Champaign            | 1,543                          | 18.9    | 7                      | 1                   | 19.3           | 0.0      |          | 9.1       | 3.7         | 20.8      | 17.5             | 21.0    | 11.6      |
| Clark                | 5,509                          | 13.9    | 1                      | 1                   | 14.0           | 10.4     | 20.1     | 2.9       | 5.5         | 15.5      | 12.6             | 16.0    | 14.5      |
| Clermont             | 8,398                          | 22.3    | 24                     | 2                   | 22.1           | 23.5     | 26.8     | 6.1       | 9.4         | 23.6      | 19.7             | 25.6    | 24.9      |
| Clinton              | 1,680                          | 35.8    | 88                     | 4                   | 35.9           | 36.4     | 42.1     | 7.0       | 19.4        | 38.8      | 37.2             | 35.0    | 54.3      |
| Columbiana           | 3,621                          | 23.8    | 42                     | 2                   | 23.8           | 29.3     | 24.3     | 2.8       | 11.0        | 25.8      | 23.1             | 26.7    | 17.1      |
| Coshocton            | 1,320                          | 25.6    | 58                     | 3                   | 25.7           |          |          | 13.3      | 16.3        | 26.9      | 25.7             | 28.4    | 18.7      |
| Crawford             | 1,474                          | 18.3    | 4                      | 1                   | 18.4           |          |          | 6.5       | 7.2         | 20.2      | 16.0             | 22.1    | 3.2       |
| Cuyahoga             | 49,381                         | 21.8    | 19                     | 1                   | 21.9           | 21.5     | 22.5     | 7.7       | 11.3        | 23.4      | 22.0             | 23.6    | 21.5      |
| Darke                | 2,077                          | 22.7    | 29                     | 2                   | 22.8           |          |          | 10.9      | 7.3         | 24.6      | 20.1             | 25.0    | 16.2      |
| Defiance             | 1,552                          | 25.8    | 61                     | 3                   | 26.1           | 3.2      | 27.6     | 4.3       | 8.4         | 28.2      | 25.7             | 27.3    | 19.0      |
| Delaware             | 7,134                          | 23.4    | 39                     | 2                   | 23.4           | 21.9     | 23.8     | 9.8       | 13.1        | 23.7      | 26.3             | 22.7    | 17.8      |
| Erie                 | 2,553                          | 27.0    | 70                     | 4                   | 26.4           | 30.1     | 31.4     | 6.9       | 12.5        | 29.2      | 25.4             | 28.5    | 17.3      |
| Fairfield            | 5,269                          | 22.0    | 21                     | 1                   | 21.6           | 27.4     | 22.2     | 6.3       | 8.7         | 23.3      | 18.8             | 24.4    | 15.8      |
| Fayette              | 1,189                          | 28.3    | 79                     | 4                   | 28.5           | 34.4     | 14.7     | 9.3       | 18.8        | 30.4      | 27.6             | 32.3    | 20.5      |
| Franklin             | 54,869                         | 23.3    | 37                     | 2                   | 21.6           | 26.6     | 25.7     | 8.8       | 13.0        | 24.6      | 26.4             | 21.3    | 23.9      |
| Fulton               | 1,598                          | 19.8    | 10                     | 1                   | 19.7           |          | 20.2     | 11.5      | 7.2         | 21.1      | 15.5             | 21.7    | 21.2      |
| Gallia               | 1,245                          | 22.4    | 25                     | 2                   | 22.9           | 12.9     |          | 0.0       | 12.8        | 24.5      | 24.8             | 25.2    | 9.4       |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Geauga     | 2,889  | 27.5 | 74 | 4 | 27.2 | 31.3 | 37.9 |      | 11.7 | 28.1 | 27.5 | 29.6 | 28.1 |
| Greene     | 5,384  | 28.8 | 81 | 4 | 28.6 | 30.3 | 35.3 | 4.3  | 18.4 | 30.0 | 29.7 | 29.2 | 18.5 |
| Guernsey   | 1,515  | 18.7 | 6  | 1 | 18.7 |      |      | 2.4  | 6.2  | 20.6 | 17.4 | 22.0 | 13.4 |
| Hamilton   | 35,316 | 29.8 | 85 | 4 | 28.3 | 33.3 | 24.4 | 12.1 | 18.3 | 31.7 | 32.0 | 29.3 | 27.2 |
| Hancock    | 2,851  | 23.3 | 36 | 2 | 23.2 | 24.6 | 25.9 | 5.1  | 10.0 | 24.9 | 23.2 | 23.3 | 24.5 |
| Hardin     | 1,181  | 24.4 | 48 | 3 | 24.6 |      |      | 15.8 | 11.8 | 25.9 | 24.3 | 27.8 | 13.3 |
| Harrison   | 545    | 24.6 | 50 | 3 | 24.7 |      |      |      | 11.4 | 26.7 | 27.2 | 28.5 | 13.3 |
| Henry      | 1,135  | 27.2 | 73 | 4 | 26.4 |      | 34.5 | 9.4  | 20.3 | 28.3 | 24.6 | 28.3 |      |
| Highland   | 1,778  | 29.0 | 83 | 4 | 29.2 | 26.9 |      | 2.8  | 14.6 | 31.8 | 25.7 | 32.8 | 31.9 |
| Hocking    | 1,059  | 23.1 | 33 | 2 | 23.0 |      |      | 12.1 | 12.0 | 24.8 | 23.2 | 23.6 | 17.9 |
| Holmes     | 2,379  | 21.1 | 15 | 1 | 21.1 |      |      |      | 15.3 | 21.4 | 28.0 | 24.7 | 18.9 |
| Huron      | 2,582  | 25.8 | 60 | 3 | 25.5 |      | 27.8 | 12.5 | 12.8 | 27.7 | 26.6 | 26.2 | 20.4 |
| Jackson    | 1,302  | 22.7 | 30 | 2 | 22.8 |      |      | 9.1  | 13.0 | 24.6 | 22.4 | 25.8 | 10.0 |
| Jefferson  | 2,181  | 25.0 | 54 | 3 | 25.3 | 25.0 |      | 3.3  | 16.3 | 26.9 | 25.7 | 26.5 | 16.0 |
| Knox       | 2,215  | 21.7 | 17 | 1 | 21.7 |      |      | 1.6  | 7.4  | 23.3 | 20.9 | 23.3 | 18.5 |
| Lake       | 7,596  | 18.4 | 5  | 1 | 18.0 | 21.4 | 20.3 | 5.2  | 7.0  | 19.2 | 17.5 | 19.5 | 17.2 |
| Lawrence   | 2,374  | 16.1 | 3  | 1 | 16.0 | 20.8 |      | 2.7  | 12.4 | 17.0 | 16.4 | 24.8 |      |
| Licking    | 6,227  | 21.9 | 20 | 1 | 21.8 | 21.3 | 27.8 | 6.7  | 7.3  | 23.6 | 18.2 | 24.5 | 22.0 |
| Logan      | 1,906  | 25.7 | 59 | 3 | 25.4 | 38.9 | 31.0 | 14.5 | 16.5 | 27.2 | 24.3 | 28.3 | 20.2 |
| Lorain     | 10,906 | 22.6 | 26 | 2 | 22.9 | 22.7 | 20.5 | 10.2 | 9.1  | 24.1 | 21.7 | 24.3 | 17.7 |
| Lucas      | 19,120 | 23.6 | 40 | 2 | 22.9 | 25.3 | 24.5 | 8.3  | 11.3 | 25.6 | 23.4 | 24.0 | 22.2 |
| Madison    | 1,494  | 22.7 | 27 | 2 | 22.5 | 26.3 | 26.7 | 4.3  | 15.0 | 24.0 | 20.2 | 24.9 | 20.0 |
| Mahoning   | 7,899  | 20.6 | 12 | 1 | 21.5 | 18.4 | 20.2 | 5.3  | 9.9  | 22.4 | 18.2 | 23.4 | 22.7 |
| Marion     | 2,415  | 14.7 | 2  | 1 | 14.5 | 17.4 | 17.2 | 7.8  | 7.0  | 16.3 | 13.7 | 20.0 | 13.0 |
| Medina     | 5,839  | 24.9 | 53 | 3 | 25.1 | 21.2 | 20.5 | 12.0 | 12.0 | 25.6 | 22.3 | 26.0 | 25.2 |
| Meigs      | 804    | 22.3 | 23 | 2 | 22.4 |      |      | 3.2  | 5.1  | 25.0 | 21.8 | 28.6 |      |
| Mercer     | 1,638  | 25.9 | 63 | 3 | 25.8 |      | 31   | 16.1 | 19.6 | 26.5 | 27.9 | 25.1 |      |
| Miami      | 3,726  | 25.0 | 55 | 3 | 25.0 | 20.3 | 31.3 | 7.3  | 9.5  | 26.9 | 23.4 | 26.4 | 20.6 |
| Monroe     | 465    | 21.7 | 18 | 1 | 21.4 |      |      |      | 15.4 | 22.3 | 32.4 | 30.3 | 4.2  |
| Montgomery | 21,645 | 29.3 | 84 | 4 | 28.6 | 31.1 | 28.5 | 9.7  | 16.0 | 31.5 | 29.5 | 29.6 | 25.8 |
| Morgan     | 509    | 28.9 | 82 | 4 | 28.5 |      |      |      | 14.9 | 30.9 | 29.8 | 29.4 |      |
| Morrow     | 1,269  | 23.2 | 35 | 2 | 22.6 |      |      | 15.1 | 8.1  | 25.1 | 21.1 | 26.4 | 15.6 |
| Muskingum  | 3,344  | 30.7 | 87 | 4 | 30.7 | 31.6 |      | 4.2  | 15.9 | 33.4 | 30.3 | 31.3 | 25.6 |
| Noble      | 467    | 19.5 | 9  | 1 | 19.8 |      |      |      | 9.1  | 20.4 | 23.2 | 20.9 | 3.9  |
| Ottawa     | 1,262  | 27.7 | 76 | 4 | 27.8 |      | 25.9 | 15.6 | 11.8 | 29.3 | 24.0 | 29.9 | 27.6 |
| Paulding   | 756    | 28.0 | 78 | 4 | 26.7 |      | 44.7 |      | 18.8 | 29.0 | 33.2 | 29.7 |      |
| Perry      | 1,345  | 27.2 | 71 | 4 | 27.3 |      |      | 11.4 | 12.8 | 29.6 | 24.3 | 29.6 | 23.5 |
| Pickaway   | 1,899  | 19.0 | 8  | 1 | 18.7 |      |      | 4.1  | 8.9  | 20.6 | 17.5 | 20.1 | 9.8  |

|            |        |      |    |   |      |      |      |      |      |      |      |      |      |
|------------|--------|------|----|---|------|------|------|------|------|------|------|------|------|
| Pike       | 1,179  | 23.2 | 34 | 2 | 22.8 |      |      | 13.6 | 13.0 | 25.3 | 21.2 | 26.8 | 19.6 |
| Portage    | 4,854  | 23.3 | 38 | 2 | 23.4 | 20.7 | 20   | 6.1  | 6.5  | 25.0 | 22.9 | 26.4 | 27.7 |
| Preble     | 1,514  | 27.2 | 72 | 4 | 27.5 |      |      | 2.3  | 14.4 | 29.4 | 25.0 | 30.5 | 30.4 |
| Putnam     | 1,512  | 25.9 | 62 | 3 | 26.3 |      | 24.1 |      | 12.0 | 27.0 | 23.7 | 26.6 | 16.7 |
| Richland   | 4,792  | 24.8 | 52 | 3 | 24.4 | 26.7 | 32.9 | 7.6  | 13.3 | 27.1 | 24.0 | 26.2 | 19.2 |
| Ross       | 2,818  | 23.8 | 43 | 2 | 24.0 | 21.8 | 19.4 | 9.3  | 14.4 | 25.8 | 23.9 | 24.5 | 20.4 |
| Sandusky   | 2,361  | 27.5 | 75 | 4 | 27.2 | 26.0 | 29.7 | 3.7  | 18.1 | 29.5 | 27.0 | 28.5 | 22.7 |
| Scioto     | 3,025  | 22.8 | 31 | 2 | 22.8 | 24.6 | 15.4 | 8.0  | 14.1 | 24.7 | 23.6 | 23.3 | 23.5 |
| Seneca     | 2,159  | 26.1 | 64 | 3 | 26.1 | 20.8 | 30.6 | 7.9  | 14.2 | 27.7 | 23.1 | 28.3 | 16.3 |
| Shelby     | 2,124  | 26.6 | 69 | 4 | 26.4 | 28.3 | 36.2 | 4.5  | 12.4 | 28.9 | 24.5 | 28.1 | 27.1 |
| Stark      | 13,494 | 23.1 | 32 | 2 | 23.0 | 23.3 | 24.7 | 4.3  | 10.0 | 24.8 | 21.4 | 24.9 | 19.1 |
| Summit     | 19,648 | 24.7 | 51 | 3 | 24.3 | 26.1 | 25.0 | 9.3  | 12.3 | 26.2 | 24.1 | 26.0 | 18.2 |
| Trumbull   | 7,199  | 21.1 | 14 | 1 | 20.8 | 23.7 | 19.0 | 5.4  | 10.5 | 22.6 | 19.8 | 22.7 | 24.1 |
| Tuscarawas | 3,561  | 20.8 | 13 | 1 | 20.9 |      | 16.1 | 4.5  | 6.8  | 22.2 | 19.0 | 22.3 | 17.8 |
| Union      | 2,072  | 24.1 | 46 | 3 | 23.9 |      | 24.0 | 2.6  | 8.6  | 25.4 | 24.4 | 24.3 | 26.8 |
| Van Wert   | 1,172  | 29.9 | 86 | 4 | 29.6 |      | 37.1 | 22.2 | 24.2 | 30.6 | 29.9 | 33.1 |      |
| Vinton     | 535    | 26.4 | 67 | 4 | 26.2 |      |      |      | 21.6 | 27.5 | 26.4 | 26.8 | 14.3 |
| Warren     | 8,081  | 28.4 | 80 | 4 | 28.2 | 31.1 | 31.7 | 4.3  | 10.1 | 29.5 | 27.2 | 28.9 | 27.3 |
| Washington | 1,997  | 19.9 | 11 | 1 | 20.0 |      |      | 5.2  | 8.8  | 21.4 | 20.9 | 23.5 | 14.7 |
| Wayne      | 4,818  | 21.2 | 16 | 1 | 21.1 | 26.8 | 24.4 | 7.8  | 10.4 | 22.1 | 21.2 | 23.2 | 16.7 |
| Williams   | 1,394  | 24.1 | 45 | 3 | 23.7 |      | 33.8 | 8.3  | 13.2 | 25.9 | 22.6 | 25.5 | 31.7 |
| Wood       | 4,104  | 26.4 | 68 | 4 | 26.4 | 18.5 | 25.3 | 6.8  | 17.3 | 27.4 | 25.1 | 27.2 | 18.6 |
| Wyandot    | 856    | 24.5 | 49 | 3 | 24.9 |      | 21.6 |      | 7.4  | 26.9 | 22.2 | 27.0 | 17.1 |

Table 18 Ohio Counties: Summary (Composite) Indicators for Domains of (1) Birth Outcomes and (2) Maternal Behavioral Risk Indicators (2006-2008)

| County     | County's Quartile For Each Indicator            |                    |                               | Summary Indicators           |   | County's Quartile for Each Indicator |                            |                                    |                               | Summary indicators                                |   |
|------------|---|--------------------|-------------------------------|------------------------------|---|--------------------------------------|----------------------------|------------------------------------|-------------------------------|---|---|
|            | No First Trimester Prenatal Care (quartile 1-4) | LBW (quartile 1-4) | Preterm Births (quartile 1-4) | Mean Rank for Birth Outcomes | Mean Rank as a Quartile (1-4) among Ohio counties | Child spacing <18 mo (quartile 1-4)  | Tobacco use (quartile 1-4) | <12 Years Education (quartile 1-4) | Single Mothers (quartile 1-4) | Mean Rank for Maternal Behavioral Risk Indicators | Mean Rank as a Quartile (1-4) among Ohio counties |
| Adams      | 2   | 4                  | 3                             | 49                           | 3   | 2                                    | 4                          | 4                                  | 3                             | 73  | 4   |
| Allen      | 3   | 3                  | 2                             | 44                           | 2   | 3                                    | 3                          | 2                                  | 4                             | 59  | 3   |
| Ashland    | 4   | 2                  | 1                             | 41                           | 2   | 4                                    | 2                          | 4                                  | 1                             | 55  | 3   |
| Ashtabula  | 4   | 3                  | 2                             | 52                           | 3   | 4                                    | 4                          | 4                                  | 4                             | 86  | 4   |
| Athens     | 1   | 2                  | 3                             | 18                           | 1   | 1                                    | 3                          | 2                                  | 3                             | 28  | 2   |
| Auglaize   | 1   | 1                  | 1                             | 3                            | 1   | 3                                    | 2                          | 1                                  | 1                             | 18  | 1   |
| Belmont    | 1   | 1                  | 3                             | 17                           | 1   | 2                                    | 3                          | 2                                  | 4                             | 55  | 3   |
| Brown      | 2   | 2                  | 3                             | 40                           | 2   | 3                                    | 4                          | 3                                  | 3                             | 68  | 4   |
| Butler     | 4   | 3                  | 3                             | 52                           | 3   | 2                                    | 2                          | 3                                  | 3                             | 39  | 2   |
| Carroll    | 4   | 3                  | 4                             | 79                           | 4   | 1                                    | 2                          | 3                                  | 1                             | 16  | 1   |
| Champaign  | 3   | 3                  | 3                             | 61                           | 3   | 2                                    | 3                          | 2                                  | 2                             | 33  | 2   |
| Clark      | 4   | 4                  | 3                             | 80                           | 4   | 4                                    | 3                          | 4                                  | 4                             | 82  | 4   |
| Clermont   | 1   | 1                  | 1                             | 9                            | 1   | 1                                    | 2                          | 2                                  | 1                             | 16  | 1   |
| Clinton    | 2   | 4                  | 4                             | 65                           | 3   | 3                                    | 4                          | 3                                  | 3                             | 61  | 3   |
| Columbiana | 3   | 2                  | 2                             | 43                           | 2   | 4                                    | 4                          | 2                                  | 3                             | 68  | 4   |
| Coshocton  | 2   | 2                  | 2                             | 34                           | 2   | 4                                    | 3                          | 4                                  | 2                             | 68  | 4   |
| Crawford   | 2   | 2                  | 2                             | 31                           | 2   | 2                                    | 4                          | 3                                  | 4                             | 66  | 3   |
| Cuyahoga   | 4   | 4                  | 4                             | 87                           | 4   | 2                                    | 1                          | 3                                  | 4                             | 46  | 3   |
| Darke      | 1   | 1                  | 1                             | 5                            | 1   | 1                                    | 2                          | 1                                  | 1                             | 11  | 1   |
| Defiance   | 1   | 1                  | 2                             | 13                           | 1   | 1                                    | 3                          | 1                                  | 2                             | 24  | 2   |
| Delaware   | 1   | 2                  | 2                             | 12                           | 1   | 1                                    | 1                          | 1                                  | 1                             | 1   | 1   |
| Erie       | 3   | 3                  | 3                             | 60                           | 3   | 2                                    | 3                          | 2                                  | 4                             | 47  | 3   |
| Fairfield  | 2   | 2                  | 2                             | 27                           | 2   | 1                                    | 1                          | 1                                  | 1                             | 9   | 1   |
| Fayette    | 2   | 2                  | 4                             | 49                           | 3   | 3                                    | 4                          | 3                                  | 4                             | 77  | 4   |
| Franklin   | 4   | 4                  | 4                             | 81                           | 4   | 4                                    | 1                          | 4                                  | 3                             | 54  | 3   |
| Fulton     | 2   | 1                  | 1                             | 9                            | 1   | 2                                    | 1                          | 1                                  | 1                             | 9   | 1   |
| Gallia     | 3   | 4                  | 4                             | 83                           | 4   | 3                                    | 3                          | 4                                  | 2                             | 62  | 3   |
| Geauga     | 4   | 1                  | 1                             | 34                           | 2   | 4                                    | 1                          | 4                                  | 1                             | 33  | 2   |

|            |   |   |   |    |   |   |   |   |   |    |   |
|------------|---|---|---|----|---|---|---|---|---|----|---|
| Greene     | 1 | 2 | 2 | 18 | 1 | 1 | 1 | 1 | 1 | 7  | 1 |
| Guernsey   | 2 | 3 | 3 | 46 | 3 | 3 | 4 | 4 | 3 | 82 | 4 |
| Hamilton   | 4 | 4 | 4 | 88 | 4 | 2 | 1 | 3 | 4 | 51 | 3 |
| Hancock    | 1 | 3 | 2 | 21 | 1 | 3 | 2 | 1 | 2 | 23 | 2 |
| Hardin     | 3 | 2 | 2 | 44 | 2 | 3 | 4 | 4 | 2 | 62 | 3 |
| Harrison   | 4 | 2 | 3 | 61 | 3 | 4 | 4 | 4 | 3 | 86 | 4 |
| Henry      | 1 | 1 | 1 | 3  | 1 | 1 | 2 | 1 | 2 | 13 | 1 |
| Highland   | 2 | 2 | 2 | 34 | 2 | 3 | 4 | 4 | 3 | 66 | 3 |
| Hocking    | 2 | 3 | 4 | 52 | 3 | 4 | 4 | 2 | 3 | 62 | 3 |
| Holmes     | 4 | 1 | 1 | 24 | 2 | 3 | 1 | 4 | 1 | 29 | 2 |
| Huron      | 2 | 2 | 1 | 27 | 2 | 4 | 3 | 4 | 3 | 79 | 4 |
| Jackson    | 3 | 4 | 4 | 81 | 4 | 3 | 3 | 4 | 3 | 60 | 3 |
| Jefferson  | 4 | 3 | 2 | 56 | 3 | 4 | 4 | 2 | 4 | 77 | 4 |
| Knox       | 4 | 1 | 1 | 31 | 2 | 4 | 2 | 4 | 1 | 53 | 3 |
| Lake       | 1 | 2 | 2 | 15 | 1 | 1 | 1 | 2 | 1 | 12 | 1 |
| Lawrence   | 1 | 4 | 4 | 70 | 4 | 3 | 2 | 3 | 3 | 49 | 3 |
| Licking    | 3 | 3 | 3 | 47 | 3 | 1 | 2 | 2 | 2 | 26 | 2 |
| Logan      | 2 | 3 | 3 | 47 | 3 | 3 | 3 | 3 | 2 | 55 | 3 |
| Lorain     | 4 | 3 | 3 | 55 | 3 | 4 | 2 | 2 | 3 | 51 | 3 |
| Lucas      | 3 | 4 | 3 | 70 | 4 | 4 | 1 | 3 | 4 | 68 | 4 |
| Madison    | 2 | 1 | 2 | 24 | 2 | 2 | 3 | 2 | 2 | 33 | 2 |
| Mahoning   | 4 | 4 | 4 | 86 | 4 | 2 | 2 | 2 | 4 | 41 | 2 |
| Marion     | 4 | 4 | 3 | 74 | 4 | 3 | 4 | 3 | 4 | 82 | 4 |
| Medina     | 2 | 2 | 2 | 37 | 2 | 1 | 1 | 1 | 1 | 3  | 1 |
| Meigs      | 2 | 4 | 4 | 61 | 3 | 3 | 4 | 3 | 4 | 81 | 4 |
| Mercer     | 1 | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 5  | 1 |
| Miami      | 1 | 2 | 1 | 14 | 1 | 1 | 2 | 2 | 2 | 20 | 1 |
| Monroe     | 3 | 4 | 3 | 70 | 4 | 4 | 1 | 3 | 1 | 32 | 2 |
| Montgomery | 3 | 4 | 3 | 56 | 3 | 2 | 1 | 3 | 4 | 44 | 2 |
| Morgan     | 2 | 3 | 4 | 58 | 3 | 2 | 4 | 3 | 3 | 55 | 3 |
| Morrow     | 3 | 3 | 4 | 70 | 4 | 2 | 2 | 3 | 2 | 37 | 2 |
| Muskingum  | 1 | 4 | 4 | 68 | 4 | 4 | 3 | 3 | 4 | 76 | 4 |
| Noble      | 3 | 1 | 2 | 21 | 1 | 4 | 2 | 4 | 1 | 50 | 3 |
| Ottawa     | 2 | 2 | 1 | 18 | 1 | 2 | 2 | 1 | 2 | 20 | 1 |
| Paulding   | 3 | 3 | 1 | 39 | 2 | 1 | 3 | 1 | 2 | 19 | 1 |
| Perry      | 2 | 3 | 4 | 58 | 3 | 3 | 4 | 3 | 3 | 62 | 3 |
| Pickaway   | 2 | 3 | 4 | 51 | 3 | 1 | 2 | 2 | 2 | 27 | 2 |
| Pike       | 3 | 4 | 4 | 78 | 4 | 4 | 4 | 4 | 4 | 88 | 4 |

|            |   |   |   |    |   |   |   |   |   |    |   |
|------------|---|---|---|----|---|---|---|---|---|----|---|
| Portage    | 2 | 2 | 2 | 37 | 2 | 1 | 2 | 1 | 2 | 13 | 1 |
| Preble     | 3 | 2 | 2 | 29 | 2 | 3 | 3 | 2 | 2 | 37 | 2 |
| Putnam     | 1 | 1 | 1 | 1  | 1 | 1 | 1 | 1 | 1 | 3  | 1 |
| Richland   | 4 | 3 | 3 | 61 | 3 | 4 | 3 | 3 | 3 | 74 | 4 |
| Ross       | 3 | 4 | 4 | 74 | 4 | 3 | 4 | 3 | 4 | 74 | 4 |
| Sandusky   | 4 | 3 | 3 | 74 | 4 | 3 | 2 | 2 | 4 | 41 | 2 |
| Scioto     | 3 | 4 | 4 | 85 | 4 | 4 | 4 | 3 | 4 | 85 | 4 |
| Seneca     | 1 | 2 | 2 | 21 | 1 | 2 | 3 | 1 | 4 | 39 | 2 |
| Shelby     | 1 | 1 | 1 | 11 | 1 | 4 | 3 | 2 | 2 | 47 | 3 |
| Stark      | 3 | 4 | 3 | 69 | 4 | 2 | 2 | 2 | 3 | 31 | 2 |
| Summit     | 3 | 3 | 3 | 67 | 4 | 2 | 1 | 2 | 3 | 22 | 1 |
| Trumbull   | 4 | 4 | 2 | 65 | 3 | 4 | 3 | 4 | 4 | 79 | 4 |
| Tuscarawas | 4 | 3 | 3 | 74 | 4 | 2 | 1 | 4 | 2 | 33 | 2 |
| Union      | 2 | 2 | 2 | 31 | 2 | 1 | 1 | 1 | 1 | 5  | 1 |
| Van Wert   | 4 | 1 | 1 | 29 | 2 | 2 | 4 | 1 | 2 | 29 | 2 |
| Vinton     | 3 | 4 | 4 | 83 | 4 | 2 | 4 | 4 | 3 | 68 | 4 |
| Warren     | 1 | 1 | 1 | 7  | 1 | 1 | 1 | 1 | 1 | 2  | 1 |
| Washington | 1 | 1 | 4 | 24 | 2 | 2 | 3 | 2 | 2 | 24 | 2 |
| Wayne      | 4 | 1 | 1 | 42 | 2 | 3 | 1 | 4 | 1 | 41 | 2 |
| Williams   | 1 | 1 | 1 | 6  | 1 | 3 | 3 | 1 | 3 | 44 | 2 |
| Wood       | 3 | 1 | 1 | 16 | 1 | 1 | 1 | 1 | 1 | 7  | 1 |
| Wyandot    | 1 | 1 | 1 | 7  | 1 | 1 | 2 | 1 | 2 | 15 | 1 |

**Table 19 Ohio Perinatal Mortality Indicators:  
Fetal, Neonatal, Postneonatal, and Infant Mortality Rates (2006-2008)  
Overall and By Race**

| Population | Total Live Births | Total Live Births & Fetal Deaths | Fetal deaths |  | Neonatal deaths |  | Postneonatal deaths |  | Infant deaths |  |
|------------|-------------------|----------------------------------|--------------|--|-----------------|--|---------------------|--|---------------|--|
|            |                   |                                  | Fetal Deaths | Fetal Death Rate (Per 1000 Live Births & Fetal Deaths) | Neonatal Deaths | Neonatal Death Rate (Per 1000 Live Births) | Postneonatal deaths | Postneonatal death rate (Per 1000 Live Births) | Infant Deaths | Infant Death Rate (Per 1000 Live Births) |
| TOTAL      | 449,886           | 452,620                          | 2,734        | 6.04   | 2,318           | 5.15                                       | 1,156               | 2.57   | 3,474         | 7.72                                     |
| WHITE      | 361,633           | 363,476                          | 1,843        | 5.07   | 1,461           | 4.04                                       | 760                 | 2.10   | 2,221         | 6.14                                     |
| BLACK      | 77,584            | 78,423                           | 839          | 10.7   | 843             | 10.87                                      | 390                 | 5.03   | 1,233         | 15.89                                    |

**Table 20 Ohio and its Counties: Fetal and Neonatal Mortality Rates (2006-2008)  
Overall and By Race**

|                                       | Total Live Births & Fetal Deaths | Fetal Mortality: Overall                 |                       |                              | Fetal Mortality: by Race (Per 1000 Live Births & Fetal Deaths) |       | Live Births | Neonatal Mortality: Overall |                       |                              | Neonatal Mortality: by Race (Per 1000 Live Births) |       |
|---------------------------------------|----------------------------------|--|-----------------------|------------------------------|--|-------|-------------|-----------------------------|-----------------------|------------------------------|--|-------|
|                                       |                                  | Rate Per 1000 Live Births & Fetal Deaths | Rank of County (1-88) | Quartile among Ohio Counties | White  | Black |             | Rate Per 1000 live Births   | Rank of county (1-88) | Quartile among Ohio counties | White  | Black |
| <b>Healthy People 2010 Benchmarks</b> |                                  | 4.10                                     |                       |                              |  |       |             | 2.90                        |                       |                              |  |       |
| <b>Ohio</b>                           | 452,620                          | 6.04                                     |                       |                              | 5.07   | 10.7  | 449,886     | 5.15                        |                       |                              | 4.04   | 10.87 |
| <b>Ohio Counties</b>                  |                                  |  |                       |                              |  |       |             |                             |                       |                              |  |       |
| Adams                                 | 1,155                            | 6.06                                     | 59                    | 3                            | 6.10   |       | 1,148       | 5.23                        | 66                    | 3                            | 5.26   |       |
| Allen                                 | 4,276                            | 5.85                                     | 56                    | 3                            | 4.82   | 9.96  | 4,251       | 4.23                        | 40                    | 2                            | 3.70   | 7.18  |
| Ashland                               | 2,057                            | 5.83                                     | 55                    | 3                            | 5.43   |       | 2,045       | 3.42                        | 20                    | 1                            | 3.47   |       |
| Ashtabula                             | 3,834                            | 5.48                                     | 49                    | 3                            | 4.92   | 19.61 | 3,813       | 4.46                        | 50                    | 3                            | 3.30   | 33.33 |
| Athens                                | 1,717                            | 5.82                                     | 54                    | 3                            | 6.25   | 0.00  | 1,707       | 3.51                        | 21                    | 1                            | 3.77   | 0.00  |
| Auglaize                              | 1,871                            | 4.28                                     | 24                    | 2                            | 4.34   |       | 1,863       | 4.29                        | 43                    | 2                            | 4.36   |       |
| Belmont                               | 2,140                            | 6.07                                     | 60                    | 3                            | 5.78   | 0.00  | 2,127       | 2.35                        | 6                     | 1                            | 2.42   | 0.00  |
| Brown                                 | 1,654                            | 4.23                                     | 22                    | 1                            | 4.28   |       | 1,647       | 7.29                        | 85                    | 4                            | 7.38   |       |
| Butler                                | 15,453                           | 5.31                                     | 48                    | 3                            | 4.78   | 11.58 | 15,371      | 4.88                        | 63                    | 3                            | 4.58   | 9.11  |
| Carroll                               | 1,020                            | 3.92                                     | 17                    | 1                            | 3.96   |       | 1,016       | 2.95                        | 13                    | 1                            | 2.99   |       |
| Champaign                             | 1,553                            | 6.44                                     | 68                    | 4                            | 5.98   | 29.41 | 1,543       | 3.89                        | 33                    | 2                            | 3.34   | 30.30 |
| Clark                                 | 5,537                            | 5.06                                     | 42                    | 2                            | 4.81   | 7.19  | 5,509       | 3.63                        | 26                    | 2                            | 2.31   | 13.04 |
| Clermont                              | 8,440                            | 4.98                                     | 41                    | 2                            | 4.76   | 24.39 | 8,398       | 4.41                        | 49                    | 3                            | 4.29   | 16.67 |
| Clinton                               | 1,690                            | 5.92                                     | 57                    | 3                            | 6.12   | 0.00  | 1,680       | 5.95                        | 78                    | 4                            | 6.15   | 0.00  |
| Columbiana                            | 3,637                            | 4.40                                     | 28                    | 2                            | 4.48   | 0.00  | 3,621       | 3.59                        | 25                    | 2                            | 3.38   | 22.73 |
| Coshocton                             | 1,327                            | 5.28                                     | 46                    | 3                            | 5.36   |       | 1,320       | 3.79                        | 32                    | 2                            | 3.85   |       |
| Crawford                              | 1,488                            | 9.41                                     | 84                    | 4                            | 9.51   |       | 1,474       | 5.43                        | 72                    | 4                            | 4.80   |       |
| Cuyahoga                              | 49,732                           | 7.06                                     | 75                    | 4                            | 3.95   | 11.65 | 49,381      | 6.89                        | 83                    | 4                            | 3.36   | 12.55 |
| Darke                                 | 2,086                            | 4.31                                     | 26                    | 2                            | 4.36   |       | 2,077       | 5.30                        | 68                    | 4                            | 5.35   |       |
| Defiance                              | 1,561                            | 5.77                                     | 53                    | 3                            | 6.01   | 0.00  | 1,552       | 3.22                        | 17                    | 1                            | 3.36   | 0.00  |
| Delaware                              | 7,167                            | 4.60                                     | 33                    | 2                            | 4.43   | 12.20 | 7,134       | 2.94                        | 12                    | 1                            | 2.61   | 12.35 |

|            |        |       |    |   |       |       |        |      |    |   |      |       |
|------------|--------|-------|----|---|-------|-------|--------|------|----|---|------|-------|
| Erie       | 2,579  | 10.08 | 86 | 4 | 9.66  | 13.26 | 2,553  | 3.53 | 23 | 2 | 2.79 | 8.06  |
| Fairfield  | 5,288  | 3.59  | 12 | 1 | 3.69  | 3.23  | 5,269  | 4.37 | 48 | 3 | 4.73 | 0.00  |
| Fayette    | 1,203  | 11.64 | 88 | 4 | 12.08 | 0.00  | 1,189  | 5.05 | 65 | 3 | 5.24 | 0.00  |
| Franklin   | 55,263 | 7.13  | 76 | 4 | 5.80  | 10.31 | 54,869 | 6.03 | 79 | 4 | 4.35 | 10.42 |
| Fulton     | 1,612  | 8.68  | 83 | 4 | 8.91  |       | 1,598  | 2.50 | 8  | 1 | 2.57 |       |
| Gallia     | 1,254  | 7.18  | 77 | 4 | 5.77  | 57.14 | 1,245  | 4.82 | 59 | 3 | 4.97 | 0.00  |
| Geauga     | 2,896  | 2.42  | 5  | 1 | 2.47  | 0.00  | 2,889  | 4.85 | 61 | 3 | 4.94 | 0.00  |
| Greene     | 5,418  | 6.28  | 61 | 3 | 5.27  | 13.57 | 5,384  | 3.16 | 16 | 1 | 3.18 | 4.59  |
| Guernsey   | 1,523  | 5.25  | 45 | 3 | 5.38  |       | 1,515  | 3.96 | 36 | 2 | 3.38 |       |
| Hamilton   | 35,558 | 6.81  | 73 | 4 | 4.80  | 10.35 | 35,316 | 7.53 | 88 | 4 | 5.10 | 12.28 |
| Hancock    | 2,872  | 7.31  | 80 | 4 | 7.66  | 0.00  | 2,851  | 1.75 | 3  | 1 | 1.84 | 0.00  |
| Hardin     | 1,185  | 3.38  | 9  | 1 | 2.57  |       | 1,181  | 2.54 | 9  | 1 | 2.58 |       |
| Harrison   | 549    | 7.29  | 79 | 4 | 7.52  |       | 545    | 1.83 | 4  | 1 | 1.89 |       |
| Henry      | 1,137  | 1.76  | 3  | 1 | 1.78  |       | 1,135  | 3.52 | 22 | 1 | 3.57 |       |
| Highland   | 1,786  | 4.48  | 30 | 2 | 4.56  | 0.00  | 1,778  | 2.25 | 5  | 1 | 2.29 | 0.00  |
| Hocking    | 1,063  | 3.76  | 14 | 1 | 2.87  |       | 1,059  | 4.72 | 55 | 3 | 4.79 |       |
| Holmes     | 2,395  | 6.68  | 70 | 4 | 6.69  |       | 2,379  | 4.62 | 52 | 3 | 4.63 |       |
| Huron      | 2,593  | 4.24  | 23 | 2 | 4.35  | 0.00  | 2,582  | 4.65 | 53 | 3 | 4.76 | 0.00  |
| Jackson    | 1,307  | 3.83  | 15 | 1 | 3.88  |       | 1,302  | 4.61 | 51 | 3 | 4.67 |       |
| Jefferson  | 2,187  | 2.74  | 7  | 1 | 1.48  | 20.13 | 2,181  | 5.50 | 73 | 4 | 4.95 | 13.7  |
| Knox       | 2,226  | 4.94  | 40 | 2 | 5.02  |       | 2,215  | 5.42 | 71 | 4 | 5.50 |       |
| Lake       | 7,628  | 4.20  | 20 | 1 | 4.13  | 6.82  | 7,596  | 4.34 | 46 | 3 | 4.15 | 9.15  |
| Lawrence   | 2,378  | 1.68  | 2  | 1 | 1.72  | 0.00  | 2,374  | 5.90 | 77 | 4 | 5.62 | 20.83 |
| Licking    | 6,250  | 3.68  | 13 | 1 | 3.53  | 8.77  | 6,227  | 4.82 | 59 | 3 | 4.56 | 8.85  |
| Logan      | 1,916  | 5.22  | 44 | 2 | 4.31  | 25.00 | 1,906  | 3.15 | 15 | 1 | 3.25 | 0.00  |
| Lorain     | 10,978 | 6.56  | 69 | 4 | 6.20  | 8.96  | 10,906 | 4.86 | 62 | 3 | 3.98 | 11.13 |
| Lucas      | 19,250 | 6.75  | 71 | 4 | 5.39  | 10.97 | 19,120 | 5.70 | 74 | 4 | 4.41 | 9.45  |
| Madison    | 1,499  | 3.34  | 8  | 1 | 3.48  | 0.00  | 1,494  | 7.36 | 86 | 4 | 7.68 | 0.00  |
| Mahoning   | 7,936  | 4.66  | 35 | 2 | 3.65  | 7.24  | 7,899  | 5.32 | 69 | 4 | 4.18 | 8.75  |
| Marion     | 2,426  | 4.53  | 31 | 2 | 4.77  | 0.00  | 2,415  | 3.73 | 30 | 2 | 3.49 | 9.35  |
| Medina     | 5,869  | 5.11  | 43 | 2 | 5.11  | 9.43  | 5,839  | 2.91 | 11 | 1 | 3.01 | 0.00  |
| Meigs      | 812    | 9.85  | 85 | 4 | 8.73  |       | 804    | 7.46 | 87 | 4 | 7.55 |       |
| Mercer     | 1,646  | 4.86  | 39 | 2 | 4.92  |       | 1,638  | 2.44 | 7  | 1 | 2.47 |       |
| Miami      | 3,739  | 3.48  | 10 | 1 | 3.35  | 0.00  | 3,726  | 2.95 | 13 | 1 | 2.80 | 11.49 |
| Monroe     | 467    | 4.28  | 24 | 2 | 4.30  |       | 465    | 4.30 | 44 | 2 | 4.32 |       |
| Montgomery | 21,815 | 7.79  | 81 | 4 | 7.05  | 10.04 | 21,645 | 4.34 | 46 | 3 | 2.79 | 8.48  |
| Morgan     | 511    | 3.91  | 16 | 1 | 4.09  |       | 509    | 5.89 | 76 | 4 | 2.05 |       |
| Morrow     | 1,274  | 3.92  | 17 | 1 | 3.16  |       | 1,269  | 3.94 | 34 | 2 | 3.96 |       |
| Muskingum  | 3,356  | 3.58  | 11 | 1 | 3.16  | 12.66 | 3,344  | 4.78 | 58 | 3 | 4.43 | 12.82 |

|            |        |       |    |   |       |       |        |      |    |   |      |       |
|------------|--------|-------|----|---|-------|-------|--------|------|----|---|------|-------|
| Noble      | 470    | 6.38  | 66 | 3 | 6.44  |       | 467    | 4.28 | 42 | 2 | 4.32 |       |
| Ottawa     | 1,268  | 4.73  | 37 | 2 | 4.87  |       | 1,262  | 4.75 | 57 | 3 | 4.89 |       |
| Paulding   | 758    | 2.64  | 6  | 1 | 2.70  |       | 756    | 5.29 | 67 | 4 | 5.41 |       |
| Perry      | 1,351  | 4.44  | 29 | 2 | 4.46  |       | 1,345  | 3.72 | 29 | 2 | 3.73 |       |
| Pickaway   | 1,911  | 6.28  | 61 | 3 | 5.90  | 38.46 | 1,899  | 4.21 | 39 | 2 | 4.32 | 0.00  |
| Pike       | 1,184  | 4.22  | 21 | 1 | 4.31  |       | 1,179  | 3.39 | 18 | 1 | 3.46 |       |
| Portage    | 4,881  | 5.53  | 50 | 3 | 5.74  | 4.03  | 4,854  | 4.74 | 56 | 3 | 4.89 | 4.05  |
| Preble     | 1,516  | 1.32  | 1  | 1 | 1.33  |       | 1,514  | 3.96 | 36 | 2 | 3.99 |       |
| Putnam     | 1,525  | 8.52  | 82 | 4 | 8.00  |       | 1,512  | 1.32 | 1  | 1 | 0.67 |       |
| Richland   | 4,814  | 4.57  | 32 | 2 | 4.69  | 4.02  | 4,792  | 3.96 | 36 | 2 | 3.54 | 8.08  |
| Ross       | 2,833  | 5.29  | 47 | 3 | 5.14  | 0.00  | 2,818  | 3.55 | 24 | 2 | 2.95 | 21.98 |
| Sandusky   | 2,376  | 6.31  | 63 | 3 | 6.61  | 0.00  | 2,361  | 4.66 | 54 | 3 | 3.99 | 21.51 |
| Scioto     | 3,047  | 7.22  | 78 | 4 | 6.75  | 31.75 | 3,025  | 7.27 | 84 | 4 | 7.13 | 16.39 |
| Seneca     | 2,174  | 6.90  | 74 | 4 | 7.15  | 0.00  | 2,159  | 2.78 | 10 | 1 | 2.88 | 0.00  |
| Shelby     | 2,134  | 4.69  | 36 | 2 | 4.86  | 0.00  | 2,124  | 4.24 | 41 | 2 | 4.39 | 0.00  |
| Stark      | 13,580 | 6.33  | 64 | 3 | 5.42  | 13.48 | 13,494 | 5.34 | 70 | 4 | 4.68 | 10.56 |
| Summit     | 19,774 | 6.37  | 65 | 3 | 4.99  | 11.57 | 19,648 | 4.94 | 64 | 3 | 3.88 | 9.02  |
| Trumbull   | 7,248  | 6.76  | 72 | 4 | 6.32  | 9.38  | 7,199  | 4.31 | 45 | 3 | 3.66 | 9.47  |
| Tuscarawas | 3,584  | 6.42  | 67 | 4 | 6.25  | 25.64 | 3,561  | 3.65 | 27 | 2 | 3.14 | 52.63 |
| Union      | 2,077  | 2.41  | 4  | 1 | 2.50  |       | 2,072  | 6.27 | 81 | 4 | 6.51 |       |
| Van Wert   | 1,179  | 5.94  | 58 | 3 | 5.97  |       | 1,172  | 3.41 | 19 | 1 | 3.43 |       |
| Vinton     | 541    | 11.09 | 87 | 4 | 11.17 |       | 535    | 3.74 | 31 | 2 | 3.77 |       |
| Warren     | 8,126  | 5.54  | 51 | 3 | 4.54  | 31.67 | 8081   | 3.71 | 28 | 2 | 3.63 | 9.35  |
| Washington | 2,005  | 3.99  | 19 | 1 | 4.04  |       | 1,997  | 6.51 | 82 | 4 | 6.60 |       |
| Wayne      | 4,839  | 4.34  | 27 | 2 | 4.24  | 12.05 | 4,818  | 3.94 | 34 | 2 | 3.83 | 12.2  |
| Williams   | 1,402  | 5.71  | 52 | 3 | 5.79  |       | 1,394  | 1.43 | 2  | 1 | 1.46 |       |
| Wood       | 4,124  | 4.85  | 38 | 2 | 4.59  | 9.26  | 4,104  | 6.09 | 80 | 4 | 5.38 | 37.38 |
| Wyandot    | 860    | 4.65  | 34 | 2 | 4.74  |       | 856    | 5.84 | 75 | 4 | 5.95 |       |

**Table 21 Ohio and its Counties: Postneonatal and Infant Mortality (2006-2008)**  
*Overall and According to Race*

|   | Live births | Postneonatal Mortality:<br>Overall |                             |                                    | Postneonatal:<br>By Race<br>(Per 1000 live births) |       | Infant Mortality:<br>Overall |                             |                                    | Infant Mortality:<br>By Race<br>(Per 1000 live births) |       |
|---|-------------|------------------------------------|-----------------------------|------------------------------------|--|-------|------------------------------|-----------------------------|------------------------------------|--|-------|
|   |             | Per 1000 live<br>births            | Rank of<br>county<br>(1-88) | Quartile<br>among Ohio<br>counties | White  | Black | Per 1000 live<br>births      | Rank of<br>county<br>(1-88) | Quartile<br>among Ohio<br>counties | White  | Black |
| <b>Healthy People<br/>2010 Benchmarks</b> |             | 1.20                               |                             |                                    |  |       | 4.50                         |                             |                                    |  |       |
| <b>Ohio</b>                               | 449,886     | 2.57                               |                             |                                    | 2.10   | 5.03  | 7.72                         |                             |                                    | 6.14   | 15.89 |
| <b>Ohio Counties</b>                      |             |                                    |                             |                                    |  |       |                              |                             |                                    |  |       |
| Adams                                     | 1,148       | 1.74                               | 21                          | 1                                  | 1.75   |       | 6.97                         | 50                          | 3                                  | 7.01   |       |
| Allen                                     | 4,251       | 3.06                               | 68                          | 4                                  | 3.13   | 2.87  | 7.29                         | 55                          | 3                                  | 6.84   | 10.06 |
| Ashland                                   | 2,045       | 1.96                               | 28                          | 2                                  | 1.99   |       | 5.38                         | 20                          | 1                                  | 5.46   |       |
| Ashtabula                                 | 3,813       | 4.46                               | 84                          | 4                                  | 4.12   | 13.33 | 8.92                         | 76                          | 4                                  | 7.42   | 46.67 |
| Athens                                    | 1,707       | 2.93                               | 65                          | 3                                  | 3.14   | 0.00  | 6.44                         | 42                          | 2                                  | 6.91   | 0.00  |
| Auglaize                                  | 1,863       | 1.07                               | 10                          | 1                                  | 1.09   |       | 5.37                         | 19                          | 1                                  | 5.45   |       |
| Belmont                                   | 2,127       | 2.35                               | 43                          | 2                                  | 1.94   | 20.41 | 4.70                         | 8                           | 1                                  | 4.36   | 20.41 |
| Brown                                     | 1,647       | 0.61                               | 5                           | 1                                  | 0.61   |       | 7.89                         | 69                          | 4                                  | 7.99   |       |
| Butler                                    | 15,371      | 2.41                               | 47                          | 3                                  | 2.33   | 3.90  | 7.29                         | 55                          | 3                                  | 6.90   | 13.01 |
| Carroll                                   | 1,016       | 4.92                               | 85                          | 4                                  | 4.98   |       | 7.87                         | 68                          | 4                                  | 7.96   |       |
| Champaign                                 | 1,543       | 1.94                               | 27                          | 2                                  | 2.01   | 0.00  | 5.83                         | 23                          | 2                                  | 5.35   | 30.3  |
| Clark                                     | 5,509       | 2.36                               | 45                          | 3                                  | 2.73   | 0.00  | 5.99                         | 30                          | 2                                  | 5.05   | 13.04 |
| Clermont                                  | 8,398       | 1.91                               | 25                          | 2                                  | 1.96   | 0.00  | 6.31                         | 36                          | 2                                  | 6.26   | 16.67 |
| Clinton                                   | 1,680       | 2.98                               | 67                          | 4                                  | 1.85   | 47.62 | 8.93                         | 77                          | 4                                  | 8.00   | 47.62 |
| Columbiana                                | 3,621       | 2.76                               | 64                          | 3                                  | 2.53   | 22.73 | 6.35                         | 40                          | 2                                  | 5.91   | 45.45 |
| Coshocton                                 | 1,320       | 5.30                               | 86                          | 4                                  | 5.39   |       | 9.09                         | 78                          | 4                                  | 9.24   |       |
| Crawford                                  | 1,474       | 3.39                               | 73                          | 4                                  | 3.43   |       | 8.82                         | 75                          | 4                                  | 8.23   |       |
| Cuyahoga                                  | 49,381      | 3.14                               | 70                          | 4                                  | 1.72   | 5.41  | 10.02                        | 85                          | 4                                  | 5.08   | 17.96 |
| Darke                                     | 2,077       | 0.96                               | 8                           | 1                                  | 0.97   |       | 6.26                         | 35                          | 2                                  | 6.33   |       |
| Defiance                                  | 1,552       | 1.93                               | 26                          | 2                                  | 2.01   | 0.00  | 5.15                         | 14                          | 1                                  | 5.37   | 0.00  |
| Delaware                                  | 7,134       | 0.56                               | 4                           | 1                                  | 0.46   | 4.12  | 3.50                         | 2                           | 1                                  | 3.07   | 16.46 |
| Erie                                      | 2,553       | 4.31                               | 83                          | 4                                  | 3.25   | 10.75 | 7.83                         | 66                          | 3                                  | 6.04   | 18.82 |
| Fairfield                                 | 5,269       | 1.52                               | 16                          | 1                                  | 1.65   | 0.00  | 5.88                         | 24                          | 2                                  | 6.38   | 0.00  |
| Fayette                                   | 1,189       | 0.00                               | 1                           | 1                                  | 0.00   | 0.00  | 5.05                         | 11                          | 1                                  | 5.24   | 0.00  |

|            |        |      |    |   |      |       |       |    |   |       |       |
|------------|--------|------|----|---|------|-------|-------|----|---|-------|-------|
| Franklin   | 54,869 | 2.64 | 61 | 3 | 1.65 | 5.12  | 8.68  | 74 | 4 | 6.00  | 15.54 |
| Fulton     | 1,598  | 2.50 | 53 | 3 | 2.57 |       | 5.01  | 9  | 1 | 5.13  |       |
| Gallia     | 1,245  | 1.61 | 18 | 1 | 1.66 | 0.00  | 6.43  | 41 | 2 | 6.63  | 0.00  |
| Geauga     | 2,889  | 1.04 | 9  | 1 | 1.06 | 0.00  | 5.88  | 24 | 2 | 6.00  | 0.00  |
| Greene     | 5,384  | 2.41 | 47 | 3 | 2.33 | 4.59  | 5.57  | 21 | 1 | 5.51  | 9.17  |
| Guernsey   | 1,515  | 1.32 | 12 | 1 | 1.35 |       | 5.28  | 16 | 1 | 4.73  |       |
| Hamilton   | 35,316 | 3.06 | 68 | 4 | 2.07 | 4.91  | 10.59 | 88 | 4 | 7.16  | 17.19 |
| Hancock    | 2,851  | 3.51 | 75 | 4 | 2.94 | 13.51 | 5.26  | 15 | 1 | 4.78  | 13.51 |
| Hardin     | 1,181  | 2.54 | 56 | 3 | 2.58 |       | 5.08  | 12 | 1 | 5.15  |       |
| Harrison   | 545    | 7.34 | 88 | 4 | 7.58 |       | 9.17  | 79 | 4 | 9.47  |       |
| Henry      | 1,135  | 0.88 | 6  | 1 | 0.89 |       | 4.41  | 7  | 1 | 4.47  |       |
| Highland   | 1,778  | 1.69 | 19 | 1 | 1.72 | 0.00  | 3.94  | 4  | 1 | 4.01  | 0.00  |
| Hocking    | 1,059  | 1.89 | 24 | 2 | 1.92 |       | 6.61  | 44 | 2 | 6.70  |       |
| Holmes     | 2,379  | 2.52 | 55 | 3 | 2.53 |       | 7.15  | 54 | 3 | 7.16  |       |
| Huron      | 2,582  | 2.32 | 40 | 2 | 2.38 | 0.00  | 6.97  | 50 | 3 | 7.14  | 0.00  |
| Jackson    | 1,302  | 3.84 | 80 | 4 | 3.89 |       | 8.45  | 73 | 4 | 8.56  |       |
| Jefferson  | 2,181  | 2.75 | 63 | 3 | 2.48 | 6.85  | 8.25  | 72 | 4 | 7.43  | 20.55 |
| Knox       | 2,215  | 0.90 | 7  | 1 | 0.92 |       | 6.32  | 37 | 2 | 6.42  |       |
| Lake       | 7,596  | 1.97 | 30 | 2 | 1.72 | 6.86  | 6.32  | 37 | 2 | 5.87  | 16.02 |
| Lawrence   | 2,374  | 3.79 | 79 | 4 | 3.89 | 0.00  | 9.69  | 83 | 4 | 9.50  | 20.83 |
| Licking    | 6,227  | 2.57 | 58 | 3 | 2.53 | 4.42  | 7.39  | 57 | 3 | 7.09  | 13.27 |
| Logan      | 1,906  | 3.67 | 78 | 4 | 3.79 | 0.00  | 6.82  | 48 | 3 | 7.04  | 0.00  |
| Lorain     | 10,906 | 2.57 | 58 | 3 | 1.83 | 7.65  | 7.43  | 58 | 3 | 5.81  | 18.78 |
| Lucas      | 19,120 | 2.46 | 49 | 3 | 2.10 | 3.70  | 8.16  | 70 | 4 | 6.50  | 13.15 |
| Madison    | 1,494  | 2.01 | 32 | 2 | 2.09 | 0.00  | 9.37  | 82 | 4 | 9.77  | 0.00  |
| Mahoning   | 7,899  | 2.15 | 35 | 2 | 1.05 | 5.34  | 7.47  | 59 | 3 | 5.23  | 14.09 |
| Marion     | 2,415  | 2.48 | 50 | 3 | 2.61 | 0.00  | 6.21  | 34 | 2 | 6.10  | 9.350 |
| Medina     | 5,839  | 2.40 | 46 | 3 | 2.48 | 0.00  | 5.31  | 18 | 1 | 5.49  | 0.00  |
| Meigs      | 804    | 2.49 | 52 | 3 | 2.52 |       | 9.95  | 84 | 4 | 10.06 |       |
| Mercer     | 1,638  | 1.22 | 11 | 1 | 1.24 |       | 3.66  | 3  | 1 | 3.71  |       |
| Miami      | 3,726  | 2.95 | 66 | 3 | 2.24 | 34.48 | 5.90  | 26 | 2 | 5.04  | 45.98 |
| Monroe     | 465    | 0.00 | 1  | 1 | 0.00 |       | 4.30  | 6  | 1 | 4.32  |       |
| Montgomery | 21,645 | 3.19 | 72 | 4 | 3.05 | 3.82  | 7.53  | 61 | 3 | 5.84  | 12.30 |
| Morgan     | 509    | 1.96 | 28 | 2 | 2.05 |       | 7.86  | 67 | 4 | 4.11  |       |
| Morrow     | 1,269  | 3.15 | 71 | 4 | 3.17 |       | 7.09  | 52 | 3 | 7.13  |       |
| Muskingum  | 3,344  | 2.69 | 62 | 3 | 2.22 | 12.82 | 7.48  | 60 | 3 | 6.65  | 25.64 |
| Noble      | 467    | 0.00 | 1  | 1 | 0.00 |       | 4.28  | 5  | 1 | 4.32  |       |
| Ottawa     | 1,262  | 1.58 | 17 | 1 | 1.63 |       | 6.34  | 39 | 2 | 6.53  |       |
| Paulding   | 756    | 1.32 | 12 | 1 | 1.35 |       | 6.61  | 44 | 2 | 6.77  |       |

|            |        |      |    |   |      |       |       |    |   |       |       |
|------------|--------|------|----|---|------|-------|-------|----|---|-------|-------|
| Perry      | 1,345  | 2.23 | 38 | 2 | 2.24 |       | 5.95  | 28 | 2 | 5.97  |       |
| Pickaway   | 1,899  | 2.63 | 60 | 3 | 2.70 | 0.00  | 6.85  | 49 | 3 | 7.02  | 0.00  |
| Pike       | 1,179  | 4.24 | 82 | 4 | 4.33 |       | 7.63  | 63 | 3 | 7.79  |       |
| Portage    | 4,854  | 2.06 | 33 | 2 | 1.78 | 8.10  | 6.80  | 47 | 3 | 6.66  | 12.15 |
| Preble     | 1,514  | 1.32 | 12 | 1 | 0.67 |       | 5.28  | 16 | 1 | 4.66  |       |
| Putnam     | 1,512  | 1.32 | 12 | 1 | 1.34 |       | 2.65  | 1  | 1 | 2.02  |       |
| Richland   | 4,792  | 2.50 | 53 | 3 | 2.36 | 4.04  | 6.47  | 43 | 2 | 5.89  | 12.12 |
| Ross       | 2,818  | 2.48 | 50 | 3 | 2.21 | 10.99 | 6.03  | 31 | 2 | 5.16  | 32.97 |
| Sandusky   | 2,361  | 2.12 | 34 | 2 | 1.33 | 21.51 | 6.78  | 46 | 3 | 5.32  | 43.01 |
| Scioto     | 3,025  | 1.98 | 31 | 2 | 2.04 | 0.00  | 9.26  | 80 | 4 | 9.17  | 16.39 |
| Seneca     | 2,159  | 2.32 | 40 | 2 | 1.92 | 16.39 | 5.09  | 13 | 1 | 4.80  | 16.39 |
| Shelby     | 2,124  | 1.88 | 23 | 2 | 1.95 | 0.00  | 6.12  | 33 | 2 | 6.35  | 0.00  |
| Stark      | 13,494 | 2.22 | 37 | 2 | 1.53 | 7.45  | 7.56  | 62 | 3 | 6.21  | 18.01 |
| Summit     | 19,648 | 2.19 | 36 | 2 | 1.87 | 3.66  | 7.13  | 53 | 3 | 5.75  | 12.68 |
| Trumbull   | 7,199  | 3.47 | 74 | 4 | 2.86 | 8.28  | 7.78  | 64 | 3 | 6.52  | 17.75 |
| Tuscarawas | 3,561  | 2.25 | 39 | 2 | 2.29 | 0.00  | 5.90  | 26 | 2 | 5.43  | 52.63 |
| Union      | 2,072  | 3.86 | 81 | 4 | 4.01 |       | 10.14 | 87 | 4 | 10.52 |       |
| Van Wert   | 1,172  | 2.56 | 57 | 3 | 2.58 |       | 5.97  | 29 | 2 | 6.01  |       |
| Vinton     | 535    | 5.61 | 87 | 4 | 5.65 |       | 9.35  | 81 | 4 | 9.42  |       |
| Warren     | 8,081  | 2.35 | 43 | 2 | 2.55 | 0.00  | 6.06  | 32 | 2 | 6.18  | 9.35  |
| Washington | 1,997  | 3.51 | 75 | 4 | 3.55 |       | 10.02 | 85 | 4 | 10.15 |       |
| Wayne      | 4,818  | 1.87 | 22 | 1 | 1.49 | 24.39 | 5.81  | 22 | 1 | 5.32  | 36.59 |
| Williams   | 1,394  | 3.59 | 77 | 4 | 3.64 |       | 5.02  | 10 | 1 | 5.10  |       |
| Wood       | 4,104  | 1.71 | 20 | 1 | 1.79 | 0.00  | 7.80  | 65 | 3 | 7.17  | 37.38 |
| Wyandot    | 856    | 2.34 | 42 | 2 | 2.38 |       | 8.18  | 71 | 4 | 8.33  |       |

**Table 22 Ohio Counties Summary (Composite) Indicators for the Domain of Perinatal Mortality:  
Fetal, Neonatal, and Post Neonatal Mortality (2006-2008)**

| County     | County's Quartile for Each Indicator |                                       |  | Summary Indicators                              |  |
|------------|--------------------------------------|---------------------------------------|--|---|--|
|            | Fetal Death Rate<br>(Quartile 1-4)   | Neonatal Death Rate<br>(Quartile 1-4) | Post Neonatal Death Rate<br>(Quartile 1-4) | Mean Rank for Perinatal<br>Mortality Indicators | Mean Rank as a Quartile (1-4)<br>among Ohio counties |
| Adams      | 3                                    | 3                                     | 1  | 57  | 3  |
| Allen      | 3                                    | 2                                     | 4  | 67  | 4  |
| Ashland    | 3                                    | 1                                     | 2  | 22  | 1  |
| Ashtabula  | 3                                    | 3                                     | 4  | 75  | 4  |
| Athens     | 3                                    | 1                                     | 3  | 54  | 3  |
| Auglaize   | 2                                    | 2                                     | 1  | 10  | 1  |
| Belmont    | 3                                    | 1                                     | 2  | 24  | 2  |
| Brown      | 1                                    | 4                                     | 1  | 26  | 2  |
| Butler     | 3                                    | 3                                     | 3  | 63  | 3  |
| Carroll    | 1                                    | 1                                     | 4  | 29  | 2  |
| Champaign  | 4                                    | 2                                     | 2  | 44  | 2  |
| Clark      | 2                                    | 2                                     | 3  | 29  | 2  |
| Clermont   | 2                                    | 3                                     | 2  | 29  | 2  |
| Clinton    | 3                                    | 4                                     | 4  | 82  | 4  |
| Columbiana | 2                                    | 2                                     | 3  | 32  | 2  |
| Coshocton  | 3                                    | 2                                     | 4  | 67  | 4  |
| Crawford   | 4                                    | 4                                     | 4  | 86  | 4  |
| Cuyahoga   | 4                                    | 4                                     | 4  | 86  | 4  |
| Darke      | 2                                    | 4                                     | 1  | 22  | 1  |
| Defiance   | 3                                    | 1                                     | 2  | 16  | 1  |
| Delaware   | 2                                    | 1                                     | 1  | 2   | 1  |
| Erie       | 4                                    | 2                                     | 4  | 77  | 4  |
| Fairfield  | 1                                    | 3                                     | 1  | 7   | 1  |
| Fayette    | 4                                    | 3                                     | 1  | 61  | 3  |
| Franklin   | 4                                    | 4                                     | 3  | 84  | 4  |
| Fulton     | 4                                    | 1                                     | 3  | 55  | 3  |
| Gallia     | 4                                    | 3                                     | 1  | 61  | 3  |
| Geauga     | 1                                    | 3                                     | 1  | 7   | 1  |
| Greene     | 3                                    | 1                                     | 3  | 39  | 2  |

|            |   |   |   |    |   |
|------------|---|---|---|----|---|
| Guernsey   | 3 | 2 | 1 | 14 | 1 |
| Hamilton   | 4 | 4 | 4 | 86 | 4 |
| Hancock    | 4 | 1 | 4 | 63 | 3 |
| Hardin     | 1 | 1 | 3 | 7  | 1 |
| Harrison   | 4 | 1 | 4 | 71 | 4 |
| Henry      | 1 | 1 | 1 | 1  | 1 |
| Highland   | 2 | 1 | 1 | 4  | 1 |
| Hocking    | 1 | 3 | 2 | 14 | 1 |
| Holmes     | 4 | 3 | 3 | 73 | 4 |
| Huron      | 2 | 3 | 2 | 32 | 2 |
| Jackson    | 1 | 3 | 4 | 57 | 3 |
| Jefferson  | 1 | 4 | 3 | 55 | 3 |
| Knox       | 2 | 4 | 1 | 32 | 2 |
| Lake       | 1 | 3 | 2 | 16 | 1 |
| Lawrence   | 1 | 4 | 4 | 63 | 3 |
| Licking    | 1 | 3 | 3 | 44 | 2 |
| Logan      | 2 | 1 | 4 | 50 | 3 |
| Lorain     | 4 | 3 | 3 | 76 | 4 |
| Lucas      | 4 | 4 | 3 | 80 | 4 |
| Madison    | 1 | 4 | 2 | 43 | 2 |
| Mahoning   | 2 | 4 | 2 | 50 | 3 |
| Marion     | 2 | 2 | 3 | 26 | 2 |
| Medina     | 2 | 1 | 3 | 20 | 1 |
| Meigs      | 4 | 4 | 3 | 85 | 4 |
| Mercer     | 2 | 1 | 1 | 5  | 1 |
| Miami      | 1 | 1 | 3 | 13 | 1 |
| Monroe     | 2 | 2 | 1 | 6  | 1 |
| Montgomery | 4 | 3 | 4 | 81 | 4 |
| Morgan     | 1 | 4 | 2 | 35 | 2 |
| Morrow     | 1 | 2 | 4 | 39 | 2 |
| Muskingum  | 1 | 3 | 3 | 46 | 3 |
| Noble      | 3 | 2 | 1 | 24 | 2 |
| Ottawa     | 2 | 3 | 1 | 26 | 2 |
| Paulding   | 1 | 4 | 1 | 11 | 1 |
| Perry      | 2 | 2 | 2 | 16 | 1 |
| Pickaway   | 3 | 2 | 3 | 63 | 3 |

|            |   |   |   |    |   |
|------------|---|---|---|----|---|
| Pike       | 1 | 1 | 4 | 35 | 2 |
| Portage    | 3 | 3 | 2 | 50 | 3 |
| Preble     | 1 | 2 | 1 | 2  | 1 |
| Putnam     | 4 | 1 | 1 | 16 | 1 |
| Richland   | 2 | 2 | 3 | 35 | 2 |
| Ross       | 3 | 2 | 3 | 35 | 2 |
| Sandusky   | 3 | 3 | 2 | 59 | 3 |
| Scioto     | 4 | 4 | 2 | 77 | 4 |
| Seneca     | 4 | 1 | 2 | 39 | 2 |
| Shelby     | 2 | 2 | 2 | 20 | 1 |
| Stark      | 3 | 4 | 2 | 71 | 4 |
| Summit     | 3 | 3 | 2 | 67 | 4 |
| Trumbull   | 4 | 3 | 4 | 77 | 4 |
| Tuscarawas | 4 | 2 | 2 | 46 | 3 |
| Union      | 1 | 4 | 4 | 67 | 4 |
| Van Wert   | 3 | 1 | 3 | 49 | 3 |
| Vinton     | 4 | 2 | 4 | 83 | 4 |
| Warren     | 3 | 2 | 2 | 39 | 2 |
| Washington | 1 | 4 | 4 | 73 | 4 |
| Wayne      | 2 | 2 | 1 | 11 | 1 |
| Williams   | 3 | 1 | 4 | 46 | 3 |
| Wood       | 2 | 4 | 1 | 50 | 3 |
| Wyandot    | 2 | 4 | 2 | 59 | 3 |

**Table 23: Ohio and its Counties Socioeconomic Indicators: Children Living in Poverty, Unemployment Rates, and High School Dropout Rate**

|                      | Overall Population | Poverty 2008<br>Federal Poverty Level (FPL) |                       |                                    |                            |                       |                                    | Unemployment<br>(Jan-Sept 2009) |                       |                                    | High School Dropout (2007)    |                       |                                    |
|----------------------|--------------------|---|-----------------------|------------------------------------|----------------------------|-----------------------|------------------------------------|---------------------------------|-----------------------|------------------------------------|-------------------------------|-----------------------|------------------------------------|
|                      |                    | Children at ≤100% FPL                       |                       |                                    | Children ≤200% FPL         |                       |                                    | Percent Unemployed              | Rank of County (1-88) | Quartile (1-4) among Ohio Counties | Percent High School Drop-outs | Rank of County (1-88) | Quartile (1-4) among Ohio counties |
|                      |                    | Percent Children ≤100% FPL                  | Rank of County (1-88) | Quartile (1-4) among Ohio Counties | Percent Children ≤200% FPL | Rank of County (1-88) | Quartile (1-4) among Ohio Counties |                                 |                       |                                    |                               |                       |                                    |
| <b>Ohio</b>          | 10,441,731         | 23.7  |                       |                                    | 45.4                       |                       |                                    | 10.4                            |                       |                                    | 14.0                          |                       |                                    |
| <b>Ohio Counties</b> |                    |   |                       |                                    |                            |                       |                                    |                                 |                       |                                    |                               |                       |                                    |
| Adams                | 28,270             | 46.8  | 87                    | 4                                  | 73.2                       | 87                    | 4                                  | 15.0                            | 82                    | 4                                  | 7.0                           | 44                    | 2                                  |
| Allen                | 96,216             | 18.9  | 28                    | 2                                  | 46.0                       | 31                    | 2                                  | 11.5                            | 42                    | 2                                  | 12.0                          | 78                    | 4                                  |
| Ashland              | 54,245             | 17.6  | 21                    | 1                                  | 39.9                       | 22                    | 1                                  | 12.5                            | 56                    | 3                                  | 9.0                           | 58                    | 3                                  |
| Ashtabula            | 19,921             | 27.6  | 57                    | 3                                  | 55.3                       | 59                    | 3                                  | 13.7                            | 70                    | 4                                  | 7.0                           | 44                    | 2                                  |
| Athens               | 60,308             | 34.7  | 70                    | 4                                  | 50.4                       | 44                    | 2                                  | 8.6                             | 9                     | 1                                  | 4.0                           | 12                    | 1                                  |
| Auglaize             | 34,427             | 13.7  | 13                    | 1                                  | 27.6                       | 6                     | 1                                  | 11.0                            | 32                    | 2                                  | 3.0                           | 1                     | 1                                  |
| Belmont              | 55,320             | 39.2  | 75                    | 4                                  | 62.0                       | 69                    | 4                                  | 9.2                             | 15                    | 1                                  | 4.0                           | 12                    | 1                                  |
| Brown                | 43,482             | 28.2  | 58                    | 3                                  | 62.1                       | 71                    | 4                                  | 13.1                            | 63                    | 3                                  | 10.0                          | 66                    | 3                                  |
| Butler               | 347,802            | 18.3  | 24                    | 2                                  | 31.2                       | 13                    | 1                                  | 9.6                             | 21                    | 1                                  | 11.0                          | 73                    | 4                                  |
| Carroll              | 28,478             | 32.1  | 66                    | 3                                  | 55.1                       | 57                    | 3                                  | 14.0                            | 74                    | 4                                  | 5.0                           | 23                    | 2                                  |
| Champaign            | 39,604             | 23.9  | 43                    | 2                                  | 53.5                       | 52                    | 3                                  | 11.6                            | 45                    | 3                                  | 6.0                           | 37                    | 2                                  |
| Clark                | 139,706            | 23.6  | 41                    | 2                                  | 42.6                       | 25                    | 2                                  | 10.5                            | 29                    | 2                                  | 16.0                          | 83                    | 4                                  |
| Clermont             | 145,862            | 24.8  | 46                    | 3                                  | 45.6                       | 29                    | 2                                  | 9.7                             | 23                    | 2                                  | 7.0                           | 44                    | 2                                  |
| Clinton              | 43,390             | 35.5  | 72                    | 4                                  | 53.2                       | 51                    | 3                                  | 13.2                            | 65                    | 3                                  | 6.0                           | 37                    | 2                                  |
| Columbiana           | 82,993             | 39.3  | 76                    | 4                                  | 63.0                       | 73                    | 4                                  | 13.5                            | 67                    | 4                                  | 5.0                           | 23                    | 2                                  |
| Coshocton            | 36,305             | 16.9  | 20                    | 1                                  | 59.9                       | 67                    | 4                                  | 13.7                            | 70                    | 4                                  | 6.0                           | 37                    | 2                                  |
| Crawford             | 31,692             | 17.6  | 21                    | 1                                  | 57.5                       | 64                    | 3                                  | 15.1                            | 83                    | 4                                  | 10.0                          | 66                    | 3                                  |
| Cuyahoga             | 1,078,005          | 26.0  | 52                    | 3                                  | 45.3                       | 27                    | 2                                  | 9.1                             | 14                    | 1                                  | 18.0                          | 86                    | 4                                  |
| Darke                | 49,356             | 24.3  | 45                    | 3                                  | 51.7                       | 48                    | 3                                  | 11.3                            | 39                    | 2                                  | 5.0                           | 23                    | 2                                  |
| Defiance             | 38,438             | 22.6  | 39                    | 2                                  | 55.2                       | 58                    | 3                                  | 14.2                            | 78                    | 4                                  | 4.0                           | 12                    | 1                                  |
| Delaware             | 149,024            | 7.8   | 5                     | 1                                  | 20.1                       | 1                     | 1                                  | 6.8                             | 1                     | 1                                  | 4.0                           | 12                    | 1                                  |
| Erie                 | 77,057             | 18.6  | 27                    | 2                                  | 48.5                       | 39                    | 2                                  | 11.4                            | 40                    | 2                                  | 10.0                          | 66                    | 3                                  |
| Fairfield            | 142,851            | 10.9  | 12                    | 1                                  | 30.8                       | 12                    | 1                                  | 8.4                             | 6                     | 1                                  | 4.0                           | 12                    | 1                                  |
| Fayette              | 28,297             | 44.0  | 85                    | 4                                  | 66.6                       | 80                    | 4                                  | 11.0                            | 32                    | 2                                  | 7.0                           | 44                    | 2                                  |
| Franklin             | 112,2413           | 23.7  | 42                    | 2                                  | 45.9                       | 30                    | 2                                  | 8.3                             | 4                     | 1                                  | 23.0                          | 88                    | 4                                  |
| Fulton               | 42,624             | 18.4  | 25                    | 2                                  | 40.1                       | 23                    | 2                                  | 14.1                            | 76                    | 4                                  | 4.0                           | 12                    | 1                                  |

|            |         |      |    |   |      |    |   |      |    |   |      |    |   |
|------------|---------|------|----|---|------|----|---|------|----|---|------|----|---|
| Gallia     | 30,737  | 40.8 | 80 | 4 | 63.4 | 74 | 4 | 9.5  | 18 | 1 | 5.0  | 23 | 2 |
| Geauga     | 83,004  | 9.6  | 11 | 1 | 20.5 | 2  | 1 | 7.3  | 2  | 1 | 3.0  | 1  | 1 |
| Greene     | 155,511 | 20.2 | 32 | 2 | 28.0 | 7  | 1 | 9.6  | 21 | 1 | 8.0  | 52 | 3 |
| Guernsey   | 39,927  | 32.7 | 68 | 4 | 57.0 | 61 | 3 | 12.2 | 51 | 3 | 14.0 | 81 | 4 |
| Hamilton   | 82,690  | 27.2 | 55 | 3 | 49.2 | 41 | 2 | 8.8  | 11 | 1 | 14.0 | 81 | 4 |
| Hancock    | 74,586  | 9.4  | 10 | 1 | 38.8 | 20 | 1 | 10.2 | 26 | 2 | 5.0  | 23 | 2 |
| Hardin     | 31,621  | 33.9 | 69 | 4 | 65.4 | 76 | 4 | 12.0 | 48 | 3 | 8.0  | 52 | 3 |
| Harrison   | 14,989  | 43.2 | 82 | 4 | 65.4 | 76 | 4 | 11.5 | 42 | 2 | 4.0  | 12 | 1 |
| Henry      | 23,877  | 15.8 | 19 | 1 | 41.0 | 24 | 2 | 13.8 | 73 | 4 | 5.0  | 23 | 2 |
| Highland   | 42,870  | 30.0 | 63 | 3 | 57.5 | 64 | 3 | 14.9 | 81 | 4 | 9.0  | 58 | 3 |
| Hocking    | 29,055  | 40.7 | 79 | 4 | 60.6 | 68 | 4 | 11.4 | 40 | 2 | 3.0  | 1  | 1 |
| Holmes     | 41,265  | 20.2 | 32 | 2 | 64.2 | 75 | 4 | 7.6  | 3  | 1 | 5.0  | 23 | 2 |
| Huron      | 56,169  | 21.4 | 34 | 2 | 51.1 | 46 | 3 | 15.7 | 87 | 4 | 9.0  | 58 | 3 |
| Jackson    | 33,405  | 43.3 | 84 | 4 | 57.2 | 63 | 3 | 11.7 | 47 | 3 | 8.0  | 52 | 3 |
| Jefferson  | 64,803  | 35.4 | 71 | 4 | 66.1 | 78 | 4 | 12.0 | 48 | 3 | 5.0  | 23 | 2 |
| Knox       | 3,544   | 27.4 | 56 | 3 | 48.1 | 37 | 2 | 9.3  | 17 | 1 | 5.0  | 23 | 2 |
| Lake       | 154,098 | 14.8 | 16 | 1 | 29.1 | 9  | 1 | 8.6  | 9  | 1 | 6.0  | 37 | 2 |
| Lawrence   | 60,303  | 40.5 | 78 | 4 | 68.1 | 82 | 4 | 8.3  | 4  | 1 | 8.0  | 52 | 3 |
| Licking    | 154,587 | 22.1 | 36 | 2 | 39.4 | 21 | 1 | 9.5  | 18 | 1 | 11.0 | 73 | 4 |
| Logan      | 43,994  | 23.4 | 40 | 2 | 54.7 | 56 | 3 | 11.2 | 37 | 2 | 7.0  | 44 | 2 |
| Lorain     | 255,882 | 14.4 | 15 | 1 | 36.6 | 17 | 1 | 10.3 | 28 | 2 | 13.0 | 80 | 4 |
| Lucas      | 415,649 | 25.7 | 51 | 3 | 48.6 | 40 | 2 | 12.8 | 60 | 3 | 21.0 | 87 | 4 |
| Madison    | 18,560  | 28.5 | 60 | 3 | 66.5 | 79 | 4 | 9.2  | 15 | 1 | 4.0  | 12 | 1 |
| Mahoning   | 238,085 | 31.7 | 64 | 3 | 52.5 | 50 | 3 | 12.9 | 61 | 3 | 11.0 | 73 | 4 |
| Marion     | 65,148  | 21.8 | 35 | 2 | 46.2 | 32 | 2 | 11.1 | 35 | 2 | 17.0 | 85 | 4 |
| Medina     | 101,782 | 7.8  | 5  | 1 | 23.2 | 4  | 1 | 8.4  | 6  | 1 | 3.0  | 1  | 1 |
| Meigs      | 18,792  | 42.4 | 81 | 4 | 58.3 | 66 | 3 | 15.5 | 85 | 4 | 11.0 | 73 | 4 |
| Mercer     | 40,893  | 8.1  | 7  | 1 | 32.2 | 14 | 1 | 8.9  | 12 | 1 | 3.0  | 1  | 1 |
| Miami      | 79,316  | 19.5 | 29 | 2 | 51.1 | 46 | 3 | 12.1 | 50 | 3 | 5.0  | 23 | 2 |
| Monroe     | 11,742  | 25.3 | 50 | 3 | 36.1 | 16 | 1 | 12.5 | 56 | 3 | 6.0  | 37 | 2 |
| Montgomery | 522,394 | 29.0 | 61 | 3 | 50.4 | 44 | 2 | 11.6 | 45 | 3 | 9.0  | 58 | 3 |
| Morgan     | 14,584  | 32.1 | 66 | 3 | 68.4 | 83 | 4 | 15.5 | 85 | 4 | 10.0 | 66 | 3 |
| Morrow     | 34,427  | 26.7 | 54 | 3 | 57.0 | 61 | 3 | 11.1 | 35 | 2 | 9.0  | 58 | 3 |
| Muskingum  | 84,005  | 49.0 | 88 | 4 | 73.8 | 88 | 4 | 12.4 | 54 | 3 | 5.0  | 23 | 2 |
| Noble      | 14,099  | 36.4 | 74 | 4 | 62.0 | 69 | 4 | 14.0 | 74 | 4 | 10.0 | 66 | 3 |
| Ottawa     | 37,920  | 7.2  | 3  | 1 | 25.5 | 5  | 1 | 14.1 | 76 | 4 | 5.0  | 23 | 2 |
| Paulding   | 18,692  | 36   | 73 | 4 | 62.4 | 72 | 4 | 13.6 | 69 | 4 | 6.0  | 37 | 2 |
| Perry      | 33,509  | 43.2 | 82 | 4 | 69.0 | 84 | 4 | 13.7 | 70 | 4 | 9.0  | 58 | 3 |
| Pickaway   | 52,326  | 19.7 | 31 | 2 | 45.1 | 26 | 2 | 10.8 | 31 | 2 | 8.0  | 52 | 3 |

|            |         |      |    |   |      |    |   |      |    |   |      |    |   |
|------------|---------|------|----|---|------|----|---|------|----|---|------|----|---|
| Pike       | 27,945  | 40.2 | 77 | 4 | 71.2 | 86 | 4 | 15.3 | 84 | 4 | 9.0  | 58 | 3 |
| Portage    | 153,724 | 15.6 | 18 | 1 | 37.8 | 19 | 1 | 10.2 | 26 | 2 | 5.0  | 23 | 2 |
| Preble     | 41,670  | 4.2  | 1  | 1 | 36.8 | 18 | 1 | 12.7 | 58 | 3 | 7.0  | 44 | 2 |
| Putnam     | 34,461  | 7.2  | 3  | 1 | 30.0 | 11 | 1 | 10.6 | 30 | 2 | 3.0  | 1  | 1 |
| Richland   | 125,317 | 24.9 | 47 | 3 | 50.2 | 43 | 2 | 13.1 | 63 | 3 | 6.0  | 37 | 2 |
| Ross       | 75,659  | 31.9 | 65 | 3 | 53.7 | 53 | 3 | 12.4 | 54 | 3 | 8.0  | 52 | 3 |
| Sandusky   | 25,296  | 18.1 | 23 | 2 | 48.2 | 38 | 2 | 12.2 | 51 | 3 | 9.0  | 58 | 3 |
| Scioto     | 75,589  | 46.3 | 86 | 4 | 67.8 | 81 | 4 | 12.2 | 51 | 3 | 4.0  | 12 | 1 |
| Seneca     | 37,065  | 24.1 | 44 | 2 | 54.2 | 54 | 3 | 12.7 | 58 | 3 | 12.0 | 78 | 4 |
| Shelby     | 48,331  | 18.5 | 26 | 2 | 46.7 | 33 | 2 | 12.9 | 61 | 3 | 3.0  | 1  | 1 |
| Stark      | 339,311 | 25.1 | 48 | 3 | 47.6 | 34 | 2 | 11.2 | 37 | 2 | 11.0 | 73 | 4 |
| Summit     | 503,538 | 28.3 | 59 | 3 | 47.6 | 34 | 2 | 9.9  | 25 | 2 | 16.0 | 83 | 4 |
| Trumbull   | 212,122 | 22.4 | 38 | 2 | 47.7 | 36 | 2 | 14.6 | 79 | 4 | 10.0 | 66 | 3 |
| Tuscarawas | 87,409  | 25.1 | 48 | 3 | 54.2 | 54 | 3 | 11.0 | 32 | 2 | 7.0  | 44 | 2 |
| Union      | 45,894  | 4.3  | 2  | 1 | 28.3 | 8  | 1 | 8.4  | 6  | 1 | 3.0  | 1  | 1 |
| Van Wert   | 28,803  | 14.3 | 14 | 1 | 45.5 | 28 | 2 | 14.6 | 79 | 4 | 7.0  | 44 | 2 |
| Vinton     | 2,052   | 29.0 | 61 | 3 | 69.1 | 85 | 4 | 13.5 | 67 | 4 | 10.0 | 66 | 3 |
| Warren     | 201,157 | 8.4  | 8  | 1 | 21.8 | 3  | 1 | 8.9  | 12 | 1 | 4.0  | 12 | 1 |
| Washington | 59,889  | 22.2 | 37 | 2 | 56.7 | 60 | 3 | 9.5  | 18 | 1 | 4.0  | 12 | 1 |
| Wayne      | 109,110 | 26.6 | 53 | 3 | 49.3 | 42 | 2 | 9.8  | 24 | 2 | 5.0  | 23 | 2 |
| Williams   | 36,532  | 19.6 | 30 | 2 | 52.3 | 49 | 3 | 16.1 | 88 | 4 | 3.0  | 1  | 1 |
| Wood       | 121,908 | 9.3  | 9  | 1 | 29.6 | 10 | 1 | 11.5 | 42 | 2 | 3.0  | 1  | 1 |
| Wyandot    | 16,023  | 14.9 | 17 | 1 | 34.4 | 15 | 1 | 13.4 | 66 | 3 | 3.0  | 1  | 1 |

Table 24 Ohio and its Counties: Crime, Domestic Violence, and Substance Use, 2008

|                      | Overall Population | Crime          |                       |                                    | Domestic Violence           |                       |                                    | Tobacco                |                       |                                    | Alcohol                       |                       |                                    |
|----------------------|--------------------|----------------|-----------------------|------------------------------------|-----------------------------|-----------------------|------------------------------------|------------------------|-----------------------|------------------------------------|-------------------------------|-----------------------|------------------------------------|
|                      |                    | Crime Per 1000 | Rank of County (1-88) | Quartile (1-4) among Ohio Counties | Domestic Violence per 1,000 | Rank of County (1-88) | Quartile (1-4) among Ohio Counties | Percent Current Smoker | Rank of county (1-88) | Quartile (1-4) among Ohio Counties | Percent Current Binge Drinker | Rank of county (1-88) | Quartile (1-4) among Ohio Counties |
| <b>Ohio</b>          | 10,441,731         | 37.6           |                       | -                                  | 2.12                        | -                     | -                                  | 27.7                   |                       | -                                  | 20.8                          | -                     | -                                  |
| <b>Ohio Counties</b> |                    |                |                       |                                    |                             |                       |                                    |                        |                       |                                    |                               |                       |                                    |
| Adams                | 28,270             | 24.5           | 44                    | 2                                  | 4.60                        | 80                    | 4                                  | 44.5                   | 88                    | 4                                  | 13.0                          | 10                    | 1                                  |
| Allen                | 96,216             | 54.0           | 83                    | 4                                  | 2.04                        | 48                    | 3                                  | 32.6                   | 59                    | 3                                  | 15.5                          | 16                    | 1                                  |
| Ashland              | 54,245             | 18.3           | 26                    | 2                                  | 2.14                        | 49                    | 3                                  | 25.3                   | 19                    | 1                                  | 9.8                           | 4                     | 1                                  |
| Ashtabula            | 19,921             | 25.7           | 47                    | 3                                  | 1.91                        | 45                    | 3                                  | 30.4                   | 50                    | 3                                  | 17.1                          | 22                    | 1                                  |
| Athens               | 60,308             | 18.2           | 25                    | 2                                  | 2.69                        | 63                    | 3                                  | 34.9                   | 69                    | 4                                  | 31.0                          | 86                    | 4                                  |
| Auglaize             | 34,427             | 19.3           | 29                    | 2                                  | 1.42                        | 29                    | 2                                  | 31.1                   | 54                    | 3                                  | 25.3                          | 72                    | 4                                  |
| Belmont              | 55,320             | 14.5           | 18                    | 1                                  | 0.72                        | 13                    | 1                                  | 36.1                   | 73                    | 4                                  | 22.2                          | 55                    | 3                                  |
| Brown                | 43,482             | 21.7           | 33                    | 2                                  | 11.34                       | 87                    | 4                                  | 41.5                   | 83                    | 4                                  | 25.9                          | 78                    | 4                                  |
| Butler               | 347,802            | 43.6           | 77                    | 4                                  | 4.57                        | 79                    | 4                                  | 28.3                   | 38                    | 2                                  | 20.9                          | 48                    | 3                                  |
| Carroll              | 28,478             | 9.2            | 11                    | 1                                  | 1.86                        | 43                    | 2                                  | 33.1                   | 62                    | 3                                  | 23.2                          | 65                    | 3                                  |
| Champaign            | 39,604             | 23.6           | 43                    | 2                                  | 3.64                        | 75                    | 4                                  | 37.5                   | 76                    | 4                                  | 25.3                          | 72                    | 4                                  |
| Clark                | 139,706            | 47.2           | 81                    | 4                                  | 5.44                        | 83                    | 4                                  | 39.2                   | 77                    | 4                                  | 22.6                          | 61                    | 3                                  |
| Clermont             | 145,862            | 30.4           | 58                    | 3                                  | 6.70                        | 85                    | 4                                  | 31.6                   | 56                    | 3                                  | 22.0                          | 51                    | 3                                  |
| Clinton              | 43,390             | 22.0           | 37                    | 2                                  | 3.80                        | 76                    | 4                                  | 43.4                   | 86                    | 4                                  | 22.5                          | 60                    | 3                                  |
| Columbiana           | 82,993             | 13.7           | 17                    | 1                                  | 2.98                        | 68                    | 4                                  | 35.2                   | 71                    | 4                                  | 22.3                          | 57                    | 3                                  |
| Coshocton            | 36,305             | 22.5           | 41                    | 2                                  | 1.57                        | 33                    | 2                                  | 26.9                   | 28                    | 2                                  | 22.2                          | 55                    | 3                                  |
| Crawford             | 31,692             | 26.8           | 49                    | 3                                  | 3.88                        | 77                    | 4                                  | 30.5                   | 51                    | 3                                  | 20.2                          | 45                    | 3                                  |
| Cuyahoga             | 1,078,005          | 40.9           | 74                    | 4                                  | 0.43                        | 7                     | 1                                  | 26.5                   | 27                    | 2                                  | 22.6                          | 61                    | 3                                  |
| Darke                | 49,356             | 22.3           | 39                    | 2                                  | 2.74                        | 65                    | 3                                  | 25.3                   | 19                    | 1                                  | 24.8                          | 69                    | 4                                  |
| Defiance             | 38,438             | 28.3           | 51                    | 3                                  | 0.52                        | 12                    | 1                                  | 30.0                   | 48                    | 3                                  | 15.2                          | 15                    | 1                                  |
| Delaware             | 149,024            | 16.5           | 19                    | 1                                  | 0.46                        | 9                     | 1                                  | 14.5                   | 2                     | 1                                  | 19.6                          | 37                    | 2                                  |
| Erie                 | 77,057             | 37.1           | 67                    | 4                                  | 2.44                        | 56                    | 3                                  | 28.9                   | 42                    | 2                                  | 26.4                          | 80                    | 4                                  |
| Fairfield            | 142,851            | 30.0           | 57                    | 3                                  | 1.58                        | 34                    | 2                                  | 23.0                   | 9                     | 1                                  | 19.6                          | 37                    | 2                                  |
| Fayette              | 28,297             | 39.1           | 71                    | 4                                  | 2.62                        | 59                    | 3                                  | 28.1                   | 36                    | 2                                  | 20.8                          | 46                    | 3                                  |
| Franklin             | 1,122,413          | 58.7           | 87                    | 4                                  | 1.71                        | 39                    | 2                                  | 25.3                   | 19                    | 1                                  | 20.8                          | 46                    | 3                                  |
| Fulton               | 42,624             | 22.2           | 38                    | 2                                  | 0.42                        | 6                     | 1                                  | 28.7                   | 40                    | 2                                  | 29.3                          | 83                    | 4                                  |
| Gallia               | 30,737             | 40.8           | 72                    | 4                                  | 1.46                        | 30                    | 2                                  | 40.4                   | 79                    | 4                                  | 24.4                          | 67                    | 4                                  |

|            |         |      |    |   |      |    |   |      |    |   |      |    |   |
|------------|---------|------|----|---|------|----|---|------|----|---|------|----|---|
| Geauga     | 83,004  | 8.2  | 10 | 1 | 1.37 | 25 | 2 | 27.8 | 33 | 2 | 15.8 | 18 | 1 |
| Greene     | 155,511 | 30.4 | 58 | 3 | 1.36 | 24 | 2 | 19.0 | 3  | 1 | 17.2 | 23 | 2 |
| Guernsey   | 39,927  | 28.8 | 53 | 3 | 1.18 | 21 | 1 | 31.8 | 57 | 3 | 30.7 | 84 | 4 |
| Hamilton   | 820,690 | 48.9 | 82 | 4 | 2.21 | 50 | 3 | 23.4 | 12 | 1 | 22.4 | 59 | 3 |
| Hancock    | 74,586  | 29.3 | 55 | 3 | 2.61 | 57 | 3 | 29.2 | 43 | 2 | 17.9 | 26 | 2 |
| Hardin     | 31,621  | 33.4 | 64 | 3 | 0.85 | 15 | 1 | 33.3 | 65 | 3 | 18.6 | 31 | 2 |
| Harrison   | 14,989  | 17.9 | 24 | 2 | 1.60 | 35 | 2 | 26.4 | 26 | 2 | 19.8 | 41 | 2 |
| Henry      | 23,877  | 33.5 | 65 | 3 | 1.68 | 38 | 2 | 28.1 | 36 | 2 | 23.8 | 66 | 3 |
| Highland   | 42,870  | 28.8 | 53 | 3 | 2.24 | 52 | 3 | 44.2 | 87 | 4 | 18.1 | 28 | 2 |
| Hocking    | 29,055  | 31.6 | 61 | 3 | 5.02 | 81 | 4 | 35.1 | 70 | 4 | 30.7 | 84 | 4 |
| Holmes     | 41,265  | 7.6  | 9  | 1 | 0.46 | 9  | 1 | 20.4 | 5  | 1 | 4.9  | 1  | 1 |
| Huron      | 56,169  | 21.8 | 34 | 2 | 0.87 | 16 | 1 | 31.4 | 55 | 3 | 25.4 | 76 | 4 |
| Jackson    | 33,405  | 21.4 | 31 | 2 | 2.25 | 53 | 3 | 29.5 | 44 | 2 | 18.1 | 28 | 2 |
| Jefferson  | 648,03  | 28.6 | 52 | 3 | 1.37 | 25 | 2 | 40.4 | 79 | 4 | 25.3 | 72 | 4 |
| Knox       | 3,544   | 29.3 | 55 | 3 | 0.00 | 1  | 1 | 27.4 | 30 | 2 | 8.4  | 3  | 1 |
| Lake       | 154,098 | 22.3 | 39 | 2 | 0.93 | 17 | 1 | 22.5 | 6  | 1 | 17.9 | 26 | 2 |
| Lawrence   | 60,303  | 6.3  | 5  | 1 | 2.67 | 61 | 3 | 41.0 | 82 | 4 | 11.1 | 6  | 1 |
| Licking    | 154,587 | 31.8 | 62 | 3 | 2.22 | 51 | 3 | 22.7 | 7  | 1 | 19.0 | 34 | 2 |
| Logan      | 43,994  | 26.9 | 50 | 3 | 7.93 | 86 | 4 | 36.3 | 74 | 4 | 18.8 | 32 | 2 |
| Lorain     | 255,882 | 30.7 | 60 | 3 | 1.47 | 31 | 2 | 24.5 | 17 | 1 | 22.1 | 52 | 3 |
| Lucas      | 415,649 | 64.4 | 88 | 4 | 2.68 | 62 | 3 | 29.8 | 46 | 3 | 22.3 | 57 | 3 |
| Madison    | 18,560  | 21.9 | 36 | 2 | 1.99 | 46 | 3 | 28.0 | 35 | 2 | 12.9 | 9  | 1 |
| Mahoning   | 238,085 | 43.8 | 78 | 4 | 3.12 | 71 | 4 | 25.7 | 23 | 2 | 19.8 | 41 | 2 |
| Marion     | 65,148  | 42.0 | 75 | 4 | 1.83 | 41 | 2 | 39.8 | 78 | 4 | 16.5 | 20 | 1 |
| Medina     | 101,782 | 7.3  | 7  | 1 | 3.29 | 74 | 4 | 24.4 | 15 | 1 | 25.6 | 77 | 4 |
| Meigs      | 18,792  | 21.4 | 31 | 2 | 2.29 | 54 | 3 | 41.6 | 84 | 4 | 14.5 | 13 | 1 |
| Mercer     | 40,893  | 19.3 | 29 | 2 | 0.34 | 4  | 1 | 29.8 | 46 | 3 | 23.0 | 64 | 3 |
| Miami      | 79,316  | 25.2 | 46 | 3 | 4.44 | 78 | 4 | 24.7 | 18 | 1 | 21.8 | 50 | 3 |
| Monroe     | 11,742  | 0.2  | 2  | 1 | 1.11 | 19 | 1 | 24.4 | 15 | 1 | 24.9 | 70 | 4 |
| Montgomery | 522,394 | 44.0 | 79 | 4 | 3.21 | 72 | 4 | 27.9 | 34 | 2 | 19.6 | 37 | 2 |
| Morgan     | 14,584  | 17.3 | 21 | 1 | 1.78 | 40 | 2 | 30.7 | 52 | 3 | 11.0 | 5  | 1 |
| Morrow     | 34,427  | 12.0 | 14 | 1 | 1.07 | 18 | 1 | 33.8 | 66 | 3 | 17.8 | 25 | 2 |
| Muskingum  | 84,005  | 38.1 | 68 | 4 | 1.39 | 27 | 2 | 33.1 | 62 | 3 | 18.5 | 30 | 2 |
| Noble      | 14,099  | 0.1  | 1  | 1 | 2.91 | 67 | 4 | 33.2 | 64 | 3 | 11.8 | 7  | 1 |
| Ottawa     | 37,920  | 17.5 | 22 | 1 | 2.61 | 57 | 3 | 27.6 | 32 | 2 | 18.9 | 33 | 2 |
| Paulding   | 18,692  | 13.6 | 16 | 1 | 0.32 | 3  | 1 | 30.3 | 49 | 3 | 13.3 | 12 | 1 |
| Perry      | 33,509  | 7.3  | 7  | 1 | 1.64 | 37 | 2 | 28.5 | 39 | 2 | 25.1 | 71 | 4 |
| Pickaway   | 52,326  | 45.1 | 80 | 4 | 1.18 | 21 | 1 | 30.9 | 53 | 3 | 24.7 | 68 | 4 |

|            |         |      |    |   |       |    |   |      |    |   |      |    |   |
|------------|---------|------|----|---|-------|----|---|------|----|---|------|----|---|
| Pike       | 27,945  | 17.5 | 22 | 1 | 2.72  | 64 | 3 | 33.8 | 66 | 3 | 16.8 | 21 | 1 |
| Portage    | 153,724 | 25.0 | 45 | 3 | 1.47  | 31 | 2 | 25.5 | 22 | 1 | 22.1 | 52 | 3 |
| Preble     | 41,670  | 22.6 | 42 | 2 | 2.66  | 60 | 3 | 36.9 | 75 | 4 | 20.1 | 44 | 2 |
| Putnam     | 34,461  | 1.2  | 3  | 1 | 1.28  | 23 | 2 | 22.7 | 7  | 1 | 26.8 | 81 | 4 |
| Richland   | 125,317 | 43.2 | 76 | 4 | 2.77  | 66 | 3 | 27.4 | 30 | 2 | 16.2 | 19 | 1 |
| Ross       | 75,659  | 56.5 | 84 | 4 | 1.86  | 43 | 2 | 35.2 | 71 | 4 | 15.7 | 17 | 1 |
| Sandusky   | 25,296  | 58.0 | 86 | 4 | 6.40  | 84 | 4 | 32.7 | 61 | 3 | 26.2 | 79 | 4 |
| Scioto     | 75,589  | 57.4 | 85 | 4 | 2.38  | 55 | 3 | 40.6 | 81 | 4 | 14.9 | 14 | 1 |
| Seneca     | 37,065  | 6.8  | 6  | 1 | 5.23  | 82 | 4 | 26.9 | 28 | 2 | 31.5 | 88 | 4 |
| Shelby     | 48,331  | 11.3 | 12 | 1 | 0.48  | 11 | 1 | 32.0 | 58 | 3 | 31.1 | 87 | 4 |
| Stark      | 339,311 | 38.9 | 69 | 4 | 0.43  | 7  | 1 | 28.7 | 40 | 2 | 20.0 | 43 | 2 |
| Summit     | 503,538 | 40.8 | 72 | 4 | 1.84  | 42 | 2 | 29.7 | 45 | 3 | 21.2 | 49 | 3 |
| Trumbull   | 212,122 | 34.3 | 66 | 3 | 1.62  | 36 | 2 | 32.6 | 59 | 3 | 19.3 | 35 | 2 |
| Tuscarawas | 87,409  | 11.9 | 13 | 1 | 2.01  | 47 | 3 | 26.1 | 24 | 2 | 19.5 | 36 | 2 |
| Union      | 45,894  | 18.8 | 28 | 2 | 0.39  | 5  | 1 | 23.2 | 10 | 1 | 22.1 | 52 | 3 |
| Van Wert   | 28,803  | 32.1 | 63 | 3 | 1.15  | 20 | 1 | 13.5 | 1  | 1 | 28.5 | 82 | 4 |
| Vinton     | 2,052   | 39.0 | 70 | 4 | 32.16 | 88 | 4 | 42.1 | 85 | 4 | 17.7 | 24 | 2 |
| Warren     | 201,157 | 12.1 | 15 | 1 | 3.27  | 73 | 4 | 19.2 | 4  | 1 | 19.6 | 37 | 2 |
| Washington | 59,889  | 16.9 | 20 | 1 | 1.40  | 28 | 2 | 23.7 | 13 | 1 | 12.5 | 8  | 1 |
| Wayne      | 109,110 | 21.8 | 34 | 2 | 0.78  | 14 | 1 | 26.2 | 25 | 2 | 13.1 | 11 | 1 |
| Williams   | 36,532  | 18.6 | 27 | 2 | 0.30  | 2  | 1 | 34.7 | 68 | 4 | 25.3 | 72 | 4 |
| Wood       | 121,908 | 25.7 | 47 | 3 | 3.00  | 69 | 4 | 23.3 | 11 | 1 | 22.6 | 61 | 3 |
| Wyandot    | 16,023  | 1.3  | 4  | 1 | 3.00  | 69 | 4 | 24.2 | 14 | 1 | 8.2  | 2  | 1 |

Table 25 Ohio Counties: Summary (Composite) Indicators for the Domains of (1) Socioeconomic Indicators and (2) Crime and Substance Use

|            | Socioeconomic                                 |                             |                           |                              |   | Crime and Substance Use              |                                  |                       |                              |  |   |
|------------|---|-----------------------------|---------------------------|------------------------------|---|--------------------------------------|----------------------------------|-----------------------|------------------------------|--|---|
|            | County's Quartile For Each Indicator          |                             |                           | Summary Indicators           |   | County's Quartile for Each Indicator |                                  |                       |                              | Summary Indicators                               |   |
| County     | Poverty children at ≤ 100% FPL (Quartile 1-4) | Unemployment (Quartile 1-4) | HS Dropout (Quartile 1-4) | Mean Rank for SES Indicators | Mean Rank as a Quartile (1-4) among Ohio counties | Crime (Quartile 1-4)                 | Domestic Violence (Quartile 1-4) | Smoker (Quartile 1-4) | Binge Drinker (Quartile 1-4) | Mean Rank for Crime and Substance Use Indicators | Mean Rank as a Quartile (1-4) among Ohio counties |
| Adams      | 4   | 4                           | 2                         | 84                           | 4   | 2                                    | 4                                | 4                     | 1                            | 69   | 4   |
| Allen      | 2   | 2                           | 4                         | 52                           | 3   | 4                                    | 3                                | 3                     | 1                            | 59   | 3   |
| Ashland    | 1   | 3                           | 3                         | 45                           | 3   | 2                                    | 3                                | 1                     | 1                            | 11   | 1   |
| Ashtabula  | 3   | 4                           | 2                         | 68                           | 4   | 3                                    | 3                                | 3                     | 1                            | 35   | 2   |
| Athens     | 4   | 1                           | 1                         | 19                           | 1   | 2                                    | 3                                | 4                     | 4                            | 75   | 4   |
| Auglaize   | 1   | 2                           | 1                         | 9                            | 1   | 2                                    | 2                                | 3                     | 4                            | 47   | 3   |
| Belmont    | 4   | 1                           | 1                         | 22                           | 1   | 1                                    | 1                                | 4                     | 3                            | 32   | 2   |
| Brown      | 3   | 3                           | 3                         | 77                           | 4   | 2                                    | 4                                | 4                     | 4                            | 85   | 4   |
| Butler     | 2   | 1                           | 4                         | 32                           | 2   | 4                                    | 4                                | 2                     | 3                            | 75   | 4   |
| Carroll    | 3   | 4                           | 2                         | 61                           | 3   | 1                                    | 2                                | 3                     | 3                            | 44   | 2   |
| Champaign  | 2   | 3                           | 2                         | 39                           | 2   | 2                                    | 4                                | 4                     | 4                            | 83   | 4   |
| Clark      | 2   | 2                           | 4                         | 57                           | 3   | 4                                    | 4                                | 4                     | 3                            | 87   | 4   |
| Clermont   | 3   | 2                           | 2                         | 28                           | 2   | 3                                    | 4                                | 3                     | 3                            | 80   | 4   |
| Clinton    | 4   | 3                           | 2                         | 71                           | 4   | 2                                    | 4                                | 4                     | 3                            | 82   | 4   |
| Columbiana | 4   | 4                           | 2                         | 63                           | 3   | 1                                    | 4                                | 4                     | 3                            | 61   | 3   |
| Coshocton  | 1   | 4                           | 2                         | 39                           | 2   | 2                                    | 2                                | 2                     | 3                            | 27   | 2   |
| Crawford   | 1   | 4                           | 3                         | 68                           | 4   | 3                                    | 4                                | 3                     | 3                            | 69   | 4   |
| Cuyahoga   | 3   | 1                           | 4                         | 57                           | 3   | 4                                    | 1                                | 2                     | 3                            | 36   | 2   |
| Darke      | 3   | 2                           | 2                         | 27                           | 2   | 2                                    | 3                                | 1                     | 4                            | 51   | 3   |
| Defiance   | 2   | 4                           | 1                         | 42                           | 2   | 3                                    | 1                                | 3                     | 1                            | 18   | 1   |
| Delaware   | 1   | 1                           | 1                         | 4                            | 1   | 1                                    | 1                                | 1                     | 2                            | 2  | 1   |
| Erie       | 2   | 2                           | 3                         | 43                           | 2   | 4                                    | 3                                | 2                     | 4                            | 75   | 4   |
| Fairfield  | 1   | 1                           | 1                         | 6                            | 1   | 3                                    | 2                                | 1                     | 2                            | 22   | 1   |
| Fayette    | 4   | 2                           | 2                         | 61                           | 3   | 4                                    | 3                                | 2                     | 3                            | 61   | 3   |
| Franklin   | 2   | 1                           | 4                         | 45                           | 3   | 4                                    | 2                                | 1                     | 3                            | 51   | 3   |
| Fulton     | 2   | 4                           | 1                         | 28                           | 2   | 2                                    | 1                                | 2                     | 4                            | 36   | 2   |
| Gallia     | 4   | 1                           | 2                         | 33                           | 2   | 4                                    | 2                                | 4                     | 4                            | 79   | 4   |

|            |   |   |   |    |   |   |   |   |   |    |   |
|------------|---|---|---|----|---|---|---|---|---|----|---|
| Geauga     | 1 | 1 | 1 | 3  | 1 | 1 | 2 | 2 | 1 | 6  | 1 |
| Greene     | 2 | 1 | 3 | 26 | 2 | 3 | 2 | 1 | 2 | 12 | 1 |
| Guernsey   | 4 | 3 | 4 | 81 | 4 | 3 | 1 | 3 | 4 | 64 | 3 |
| Hamilton   | 3 | 1 | 4 | 52 | 3 | 4 | 3 | 1 | 3 | 56 | 3 |
| Hancock    | 1 | 2 | 2 | 12 | 1 | 3 | 3 | 2 | 2 | 44 | 2 |
| Hardin     | 4 | 3 | 3 | 66 | 3 | 3 | 1 | 3 | 2 | 43 | 2 |
| Harrison   | 4 | 2 | 1 | 45 | 3 | 2 | 2 | 2 | 2 | 18 | 1 |
| Henry      | 1 | 4 | 2 | 28 | 2 | 3 | 2 | 2 | 3 | 56 | 3 |
| Highland   | 3 | 4 | 3 | 81 | 4 | 3 | 3 | 4 | 2 | 67 | 4 |
| Hocking    | 4 | 2 | 1 | 33 | 2 | 3 | 4 | 4 | 4 | 86 | 4 |
| Holmes     | 2 | 1 | 2 | 11 | 1 | 1 | 1 | 1 | 1 | 1  | 1 |
| Huron      | 2 | 4 | 3 | 72 | 4 | 2 | 1 | 3 | 4 | 44 | 2 |
| Jackson    | 4 | 3 | 3 | 75 | 4 | 2 | 3 | 2 | 2 | 27 | 2 |
| Jefferson  | 4 | 3 | 2 | 50 | 3 | 3 | 2 | 4 | 4 | 73 | 4 |
| Knox       | 3 | 1 | 2 | 20 | 1 | 3 | 1 | 2 | 1 | 6  | 1 |
| Lake       | 1 | 1 | 2 | 13 | 1 | 2 | 1 | 1 | 2 | 6  | 1 |
| Lawrence   | 4 | 1 | 3 | 45 | 3 | 1 | 3 | 4 | 1 | 27 | 2 |
| Licking    | 2 | 1 | 4 | 39 | 2 | 3 | 3 | 1 | 2 | 27 | 2 |
| Logan      | 2 | 2 | 2 | 33 | 2 | 3 | 4 | 4 | 2 | 75 | 4 |
| Lorain     | 1 | 2 | 4 | 37 | 2 | 3 | 2 | 1 | 3 | 32 | 2 |
| Lucas      | 3 | 3 | 4 | 79 | 4 | 4 | 3 | 3 | 3 | 80 | 4 |
| Madison    | 3 | 1 | 1 | 17 | 1 | 2 | 3 | 2 | 1 | 18 | 1 |
| Mahoning   | 3 | 3 | 4 | 79 | 4 | 4 | 4 | 2 | 2 | 61 | 3 |
| Marion     | 2 | 2 | 4 | 59 | 3 | 4 | 2 | 4 | 1 | 64 | 3 |
| Medina     | 1 | 1 | 1 | 2  | 1 | 1 | 4 | 1 | 4 | 41 | 2 |
| Meigs      | 4 | 4 | 4 | 88 | 4 | 2 | 3 | 4 | 1 | 47 | 3 |
| Mercer     | 1 | 1 | 1 | 5  | 1 | 2 | 1 | 3 | 3 | 24 | 2 |
| Miami      | 2 | 3 | 2 | 22 | 1 | 3 | 4 | 1 | 3 | 51 | 3 |
| Monroe     | 3 | 3 | 2 | 51 | 3 | 1 | 1 | 1 | 4 | 12 | 1 |
| Montgomery | 3 | 3 | 3 | 63 | 3 | 4 | 4 | 2 | 2 | 69 | 4 |
| Morgan     | 3 | 4 | 3 | 86 | 4 | 1 | 2 | 3 | 1 | 15 | 1 |
| Morrow     | 3 | 2 | 3 | 52 | 3 | 1 | 1 | 3 | 2 | 17 | 1 |
| Muskingum  | 4 | 3 | 2 | 63 | 3 | 4 | 2 | 3 | 2 | 49 | 3 |
| Noble      | 4 | 4 | 3 | 84 | 4 | 1 | 4 | 3 | 1 | 23 | 2 |
| Ottawa     | 1 | 4 | 2 | 22 | 1 | 1 | 3 | 2 | 2 | 24 | 2 |
| Paulding   | 4 | 4 | 2 | 72 | 4 | 1 | 1 | 3 | 1 | 4  | 1 |
| Perry      | 4 | 4 | 3 | 83 | 4 | 1 | 2 | 2 | 4 | 27 | 2 |
| Pickaway   | 2 | 2 | 3 | 28 | 2 | 4 | 1 | 3 | 4 | 69 | 4 |

|            |   |   |   |    |   |   |   |   |   |    |   |
|------------|---|---|---|----|---|---|---|---|---|----|---|
| Pike       | 4 | 4 | 3 | 87 | 4 | 1 | 3 | 3 | 1 | 41 | 2 |
| Portage    | 1 | 2 | 2 | 14 | 1 | 3 | 2 | 1 | 3 | 26 | 2 |
| Preble     | 1 | 3 | 2 | 22 | 1 | 2 | 3 | 4 | 2 | 67 | 4 |
| Putnam     | 1 | 2 | 1 | 7  | 1 | 1 | 2 | 1 | 4 | 14 | 1 |
| Richland   | 3 | 3 | 2 | 52 | 3 | 4 | 3 | 2 | 1 | 51 | 3 |
| Ross       | 3 | 3 | 3 | 68 | 4 | 4 | 2 | 4 | 1 | 64 | 3 |
| Sandusky   | 2 | 3 | 3 | 43 | 2 | 4 | 4 | 3 | 4 | 88 | 4 |
| Scioto     | 4 | 3 | 1 | 56 | 3 | 4 | 3 | 4 | 1 | 74 | 4 |
| Seneca     | 2 | 3 | 4 | 72 | 4 | 1 | 4 | 2 | 4 | 56 | 3 |
| Shelby     | 2 | 3 | 1 | 17 | 1 | 1 | 1 | 3 | 4 | 36 | 2 |
| Stark      | 3 | 2 | 4 | 60 | 3 | 4 | 1 | 2 | 2 | 32 | 2 |
| Summit     | 3 | 2 | 4 | 66 | 3 | 4 | 2 | 3 | 3 | 59 | 3 |
| Trumbull   | 2 | 4 | 3 | 75 | 4 | 3 | 2 | 3 | 2 | 55 | 3 |
| Tuscarawas | 3 | 2 | 2 | 37 | 2 | 1 | 3 | 2 | 2 | 15 | 1 |
| Union      | 1 | 1 | 1 | 1  | 1 | 2 | 1 | 1 | 3 | 10 | 1 |
| Van Wert   | 1 | 4 | 2 | 49 | 3 | 3 | 1 | 1 | 4 | 36 | 2 |
| Vinton     | 3 | 4 | 3 | 78 | 4 | 4 | 4 | 4 | 2 | 83 | 4 |
| Warren     | 1 | 1 | 1 | 7  | 1 | 1 | 4 | 1 | 2 | 18 | 1 |
| Washington | 2 | 1 | 1 | 14 | 1 | 1 | 2 | 1 | 1 | 2  | 1 |
| Wayne      | 3 | 2 | 2 | 21 | 1 | 2 | 1 | 2 | 1 | 5  | 1 |
| Williams   | 2 | 4 | 1 | 33 | 2 | 2 | 1 | 4 | 4 | 36 | 2 |
| Wood       | 1 | 2 | 1 | 10 | 1 | 3 | 4 | 1 | 3 | 49 | 3 |
| Wyandot    | 1 | 3 | 1 | 16 | 1 | 1 | 4 | 1 | 1 | 6  | 1 |

**Table 26 Ohio and its Counties: Child Health and Wellbeing Indicators  
Foster Care, Elevated Lead Levels, Abuse/Neglect, and Child Mortality**

|                      | Foster Care                   |                       |                                    | Elevated Lead Levels         |                       |                                    | Maltreatment (Abuse/Neglect) |                       |                                    | Mortality                  |                       |                                    |
|----------------------|-------------------------------|-----------------------|------------------------------------|------------------------------|-----------------------|------------------------------------|------------------------------|-----------------------|------------------------------------|----------------------------|-----------------------|------------------------------------|
|                      | Percent of children <18 years | Rank of county (1-88) | Quartile (1-4) among Ohio counties | Percent of screened children | Rank of county (1-88) | Quartile (1-4) among Ohio counties | Per 1000 children <18 years  | Rank of county (1-88) | Quartile (1-4) among Ohio counties | Per 1000 children <5 years | Rank of county (1-88) | Quartile (1-4) among Ohio counties |
| <b>Ohio</b>          | 9.2                           |                       |                                    | 1.51                         |                       |                                    | 9.0                          |                       |                                    | 0.79                       |                       |                                    |
| <b>Ohio Counties</b> |                               |                       |                                    |                              |                       |                                    |                              |                       |                                    |                            |                       |                                    |
| Adams                | 16.6                          | 86                    | 4                                  | 0.00                         | 1                     | 1                                  | 8.9                          | 38                    | 2                                  | 0.00                       | 1                     | 1                                  |
| Allen                | 9.2                           | 59                    | 3                                  | 1.17                         | 64                    | 3                                  | 14.1                         | 73                    | 4                                  | 1.69                       | 83                    | 4                                  |
| Ashland              | 8.2                           | 50                    | 3                                  | 1.10                         | 56                    | 3                                  | 5.1                          | 9                     | 1                                  | 0.29                       | 16                    | 1                                  |
| Ashtabula            | 8.4                           | 52                    | 3                                  | 1.11                         | 58                    | 3                                  | 9.8                          | 47                    | 3                                  | 1.27                       | 70                    | 4                                  |
| Athens               | 17.1                          | 88                    | 4                                  | 1.46                         | 76                    | 4                                  | 21.9                         | 86                    | 4                                  | 0.68                       | 37                    | 2                                  |
| Auglaize             | 1.4                           | 3                     | 1                                  | 1.31                         | 69                    | 4                                  | 8.8                          | 37                    | 2                                  | 0.33                       | 18                    | 1                                  |
| Belmont              | 7.1                           | 44                    | 2                                  | 1.21                         | 66                    | 3                                  | 12.7                         | 70                    | 4                                  | 0.00                       | 1                     | 1                                  |
| Brown                | 11.6                          | 76                    | 4                                  | 0.00                         | 1                     | 1                                  | 12.4                         | 68                    | 4                                  | 1.43                       | 76                    | 4                                  |
| Butler               | 11.5                          | 75                    | 4                                  | 0.65                         | 38                    | 2                                  | 9.1                          | 41                    | 2                                  | 0.79                       | 48                    | 3                                  |
| Carroll              | 2.4                           | 9                     | 1                                  | 1.13                         | 61                    | 3                                  | 8.5                          | 33                    | 2                                  | 0.00                       | 1                     | 1                                  |
| Champaign            | 2.8                           | 12                    | 1                                  | 1.03                         | 53                    | 3                                  | 14.3                         | 75                    | 4                                  | 0.78                       | 47                    | 3                                  |
| Clark                | 8.6                           | 53                    | 3                                  | 1.56                         | 78                    | 4                                  | 9.0                          | 39                    | 2                                  | 0.57                       | 32                    | 2                                  |
| Clermont             | 10.4                          | 67                    | 4                                  | 0.06                         | 8                     | 1                                  | 6.7                          | 20                    | 1                                  | 1.07                       | 60                    | 3                                  |
| Clinton              | 6.4                           | 39                    | 2                                  | 0.89                         | 48                    | 3                                  | 24.9                         | 87                    | 4                                  | 0.68                       | 37                    | 2                                  |
| Columbiana           | 10.0                          | 62                    | 3                                  | 3.56                         | 87                    | 4                                  | 8.5                          | 33                    | 2                                  | 1.52                       | 78                    | 4                                  |
| Coshocton            | 3.8                           | 24                    | 2                                  | 1.34                         | 71                    | 4                                  | 11.5                         | 62                    | 3                                  | 1.34                       | 74                    | 4                                  |
| Crawford             | 11.2                          | 72                    | 4                                  | 2.77                         | 85                    | 4                                  | 9.8                          | 47                    | 3                                  | 1.15                       | 66                    | 3                                  |
| Cuyahoga             | 10.8                          | 71                    | 4                                  | 4.65                         | 88                    | 4                                  | 7.1                          | 23                    | 2                                  | 0.84                       | 53                    | 3                                  |
| Darke                | 5.4                           | 31                    | 2                                  | 0.47                         | 28                    | 2                                  | 2.9                          | 1                     | 1                                  | 1.18                       | 67                    | 4                                  |
| Defiance             | 7.1                           | 44                    | 2                                  | 0.87                         | 47                    | 3                                  | 10.8                         | 57                    | 3                                  | 0.00                       | 1                     | 1                                  |
| Delaware             | 3.0                           | 15                    | 1                                  | 0.12                         | 10                    | 1                                  | 4.9                          | 7                     | 1                                  | 0.23                       | 14                    | 1                                  |
| Erie                 | 11.6                          | 76                    | 4                                  | 1.98                         | 79                    | 4                                  | 11.0                         | 59                    | 3                                  | 0.69                       | 40                    | 2                                  |
| Fairfield            | 8.9                           | 54                    | 3                                  | 0.49                         | 31                    | 2                                  | 6.6                          | 19                    | 1                                  | 0.55                       | 31                    | 2                                  |
| Fayette              | 13.3                          | 80                    | 4                                  | 0.59                         | 35                    | 2                                  | 17.0                         | 80                    | 4                                  | 1.53                       | 79                    | 4                                  |
| Franklin             | 12.8                          | 79                    | 4                                  | 0.49                         | 31                    | 2                                  | 7.8                          | 28                    | 2                                  | 0.71                       | 41                    | 2                                  |
| Fulton               | 3.3                           | 22                    | 1                                  | 0.42                         | 23                    | 2                                  | 20.0                         | 84                    | 4                                  | 0.76                       | 43                    | 2                                  |

|            |      |    |   |      |    |   |      |    |   |      |    |   |
|------------|------|----|---|------|----|---|------|----|---|------|----|---|
| Gallia     | 10.1 | 63 | 3 | 0.59 | 35 | 2 | 4.5  | 5  | 1 | 2.01 | 85 | 4 |
| Geauga     | 1.8  | 4  | 1 | 0.31 | 15 | 1 | 3.5  | 2  | 1 | 0.94 | 55 | 3 |
| Greene     | 6.8  | 40 | 2 | 0.09 | 9  | 1 | 9.9  | 50 | 3 | 0.65 | 36 | 2 |
| Guernsey   | 8.2  | 50 | 3 | 0.13 | 11 | 1 | 10.0 | 51 | 3 | 1.21 | 69 | 4 |
| Hamilton   | 10.3 | 66 | 3 | 1.54 | 77 | 4 | 9.7  | 46 | 3 | 0.64 | 35 | 2 |
| Hancock    | 6.1  | 38 | 2 | 0.41 | 22 | 1 | 8.3  | 31 | 2 | 0.42 | 21 | 1 |
| Hardin     | 5.0  | 28 | 2 | 1.17 | 64 | 3 | 6.5  | 16 | 1 | 0.53 | 30 | 2 |
| Harrison   | 10.2 | 65 | 3 | 2.21 | 83 | 4 | 9.0  | 39 | 2 | 0.00 | 1  | 1 |
| Henry      | 5.9  | 36 | 2 | 1.40 | 74 | 4 | 7.5  | 26 | 2 | 1.09 | 62 | 3 |
| Highland   | 11.2 | 72 | 4 | 0.32 | 16 | 1 | 11.8 | 64 | 3 | 0.68 | 37 | 2 |
| Hocking    | 9.8  | 60 | 3 | 0.74 | 41 | 2 | 9.4  | 44 | 2 | 0.00 | 1  | 1 |
| Holmes     | 2.9  | 13 | 1 | 0.56 | 34 | 2 | 5.3  | 10 | 1 | 1.56 | 80 | 4 |
| Huron      | 5.3  | 30 | 2 | 1.31 | 69 | 4 | 5.8  | 13 | 1 | 0.72 | 42 | 2 |
| Jackson    | 9.0  | 57 | 3 | 0.60 | 37 | 2 | 9.6  | 45 | 3 | 2.23 | 87 | 4 |
| Jefferson  | 9.8  | 60 | 3 | 2.09 | 81 | 4 | 8.2  | 30 | 2 | 1.13 | 65 | 3 |
| Knox       | 2.0  | 6  | 1 | 0.84 | 46 | 3 | 8.5  | 33 | 2 | 1.07 | 60 | 3 |
| Lake       | 2.3  | 8  | 1 | 0.38 | 20 | 1 | 6.7  | 20 | 1 | 1.00 | 58 | 3 |
| Lawrence   | 8.9  | 54 | 3 | 0.49 | 31 | 2 | 10.2 | 53 | 3 | 0.51 | 25 | 2 |
| Licking    | 13.3 | 80 | 4 | 0.27 | 14 | 1 | 7.0  | 22 | 1 | 0.76 | 43 | 2 |
| Logan      | 2.2  | 7  | 1 | 0.95 | 52 | 3 | 11.0 | 59 | 3 | 1.62 | 81 | 4 |
| Lorain     | 2.5  | 10 | 1 | 0.77 | 45 | 3 | 10.1 | 52 | 3 | 0.76 | 43 | 2 |
| Lucas      | 16.1 | 85 | 4 | 2.56 | 84 | 4 | 9.30 | 43 | 2 | 0.77 | 46 | 3 |
| Madison    | 5.6  | 32 | 2 | 0.34 | 18 | 1 | 14.1 | 73 | 4 | 0.41 | 20 | 1 |
| Mahoning   | 7.4  | 47 | 3 | 2.07 | 80 | 4 | 7.6  | 27 | 2 | 1.30 | 73 | 4 |
| Marion     | 5.6  | 32 | 2 | 1.39 | 73 | 4 | 13.0 | 71 | 4 | 0.51 | 25 | 2 |
| Medina     | 1.9  | 5  | 1 | 0.44 | 26 | 2 | 4.70 | 6  | 1 | 0.29 | 16 | 1 |
| Meigs      | 9.0  | 57 | 3 | 0.00 | 1  | 1 | 17.4 | 81 | 4 | 1.45 | 77 | 4 |
| Mercer     | 3.6  | 23 | 2 | 0.47 | 28 | 2 | 3.8  | 4  | 1 | 0.36 | 19 | 1 |
| Miami      | 6.0  | 37 | 2 | 0.94 | 51 | 3 | 6.2  | 14 | 1 | 0.98 | 57 | 3 |
| Monroe     | 11.2 | 72 | 4 | 1.41 | 75 | 4 | 26.6 | 88 | 4 | 2.72 | 88 | 4 |
| Montgomery | 10.1 | 63 | 3 | 0.74 | 41 | 2 | 10.6 | 55 | 3 | 0.51 | 25 | 2 |
| Morgan     | 4.7  | 27 | 2 | 0.47 | 28 | 2 | 5.00 | 8  | 1 | 1.20 | 68 | 4 |
| Morrow     | 3.1  | 18 | 1 | 0.00 | 1  | 1 | 7.20 | 24 | 2 | 0.47 | 24 | 2 |
| Muskingum  | 14.5 | 82 | 4 | 0.75 | 43 | 2 | 12.5 | 69 | 4 | 1.12 | 63 | 3 |
| Noble      | 3.0  | 15 | 1 | 0.46 | 27 | 2 | 10.6 | 55 | 3 | 0.00 | 1  | 1 |
| Ottawa     | 4.2  | 25 | 2 | 1.35 | 72 | 4 | 7.2  | 24 | 2 | 0.00 | 1  | 1 |
| Paulding   | 5.6  | 32 | 2 | 0.68 | 40 | 2 | 6.30 | 15 | 1 | 0.79 | 48 | 3 |
| Perry      | 6.9  | 41 | 2 | 0.21 | 13 | 1 | 10.2 | 53 | 3 | 1.29 | 71 | 4 |

|            |      |    |   |      |    |   |      |    |   |      |    |   |
|------------|------|----|---|------|----|---|------|----|---|------|----|---|
| Pickaway   | 3.2  | 20 | 1 | 0.42 | 23 | 2 | 5.3  | 10 | 1 | 0.62 | 33 | 2 |
| Pike       | 8.9  | 54 | 3 | 1.04 | 55 | 3 | 15.1 | 76 | 4 | 0.00 | 1  | 1 |
| Portage    | 7.0  | 43 | 2 | 0.38 | 20 | 1 | 12.3 | 66 | 3 | 0.95 | 56 | 3 |
| Preble     | 14.6 | 83 | 4 | 0.91 | 50 | 3 | 11.3 | 61 | 3 | 0.80 | 51 | 3 |
| Putnam     | 1.3  | 2  | 1 | 0.32 | 16 | 1 | 5.7  | 12 | 1 | 2.04 | 86 | 4 |
| Richland   | 4.4  | 26 | 2 | 1.03 | 53 | 3 | 21.5 | 85 | 4 | 0.26 | 15 | 1 |
| Ross       | 10.7 | 70 | 4 | 0.90 | 49 | 3 | 16.3 | 79 | 4 | 0.44 | 23 | 2 |
| Sandusky   | 3.2  | 20 | 1 | 1.22 | 67 | 4 | 11.9 | 65 | 3 | 1.03 | 59 | 3 |
| Scioto     | 10.4 | 67 | 4 | 0.00 | 1  | 1 | 8.0  | 29 | 2 | 1.81 | 84 | 4 |
| Seneca     | 7.4  | 47 | 3 | 1.13 | 61 | 3 | 12.3 | 66 | 3 | 1.12 | 63 | 3 |
| Shelby     | 3.0  | 15 | 1 | 1.11 | 58 | 3 | 6.5  | 16 | 1 | 1.67 | 82 | 4 |
| Stark      | 11.9 | 78 | 4 | 1.14 | 63 | 3 | 9.1  | 41 | 2 | 1.29 | 71 | 4 |
| Summit     | 15.4 | 84 | 4 | 0.43 | 25 | 2 | 8.4  | 32 | 2 | 0.79 | 48 | 3 |
| Trumbull   | 5.8  | 35 | 2 | 0.76 | 44 | 2 | 6.5  | 16 | 1 | 0.85 | 54 | 3 |
| Tuscarawas | 10.4 | 67 | 4 | 1.11 | 58 | 3 | 9.8  | 47 | 3 | 0.52 | 28 | 2 |
| Union      | 7.3  | 46 | 3 | 0.00 | 1  | 1 | 13.0 | 71 | 4 | 0.83 | 52 | 3 |
| Van Wert   | 1.0  | 1  | 1 | 0.20 | 12 | 1 | 10.9 | 58 | 3 | 0.52 | 28 | 2 |
| Vinton     | 16.6 | 86 | 4 | 0.00 | 1  | 1 | 11.7 | 63 | 3 | 0.00 | 1  | 1 |
| Warren     | 2.6  | 11 | 1 | 0.34 | 18 | 1 | 3.7  | 3  | 1 | 0.62 | 33 | 2 |
| Washington | 5.1  | 29 | 2 | 2.15 | 82 | 4 | 15.1 | 76 | 4 | 0.00 | 1  | 1 |
| Wayne      | 7.8  | 49 | 3 | 1.10 | 56 | 3 | 18.2 | 82 | 4 | 1.38 | 75 | 4 |
| Williams   | 6.9  | 41 | 2 | 1.29 | 68 | 4 | 15.1 | 76 | 4 | 0.00 | 1  | 1 |
| Wood       | 3.1  | 18 | 1 | 0.66 | 39 | 2 | 8.7  | 36 | 2 | 0.43 | 22 | 1 |
| Wyandot    | 2.9  | 13 | 1 | 2.92 | 86 | 4 | 19.5 | 83 | 4 | 0.00 | 1  | 1 |

**Table 27 Ohio Counties: Summary (Composite) Indicators for the Domain of Child Health Indicators**

| County     | County's Quartile for each Indicator |               |                                       |                          | Summary Indicators                    |   |
|------------|--------------------------------------|---------------|---------------------------------------|--------------------------|---------------------------------------|---|
|            | Foster Care                          | Elevated Lead | Abused or Neglected Children Per 1000 | Child Mortality Per 1000 | Mean Rank for Child Health Indicators | Mean Rank as a Quartile (1-4) among Ohio Counties |
| Adams      | 4                                    | 1             | 2                                     | 1                        | 16                                    | 1   |
| Allen      | 3                                    | 3             | 4                                     | 4                        | 86                                    | 4   |
| Ashland    | 3                                    | 3             | 1                                     | 1                        | 19                                    | 1   |
| Ashtabula  | 3                                    | 3             | 3                                     | 4                        | 70                                    | 4   |
| Athens     | 4                                    | 4             | 4                                     | 2                        | 87                                    | 4   |
| Auglaize   | 1                                    | 4             | 2                                     | 1                        | 16                                    | 1   |
| Belmont    | 2                                    | 3             | 4                                     | 1                        | 41                                    | 2   |
| Brown      | 4                                    | 1             | 4                                     | 4                        | 67                                    | 4   |
| Butler     | 4                                    | 2             | 2                                     | 3                        | 62                                    | 3   |
| Carroll    | 1                                    | 3             | 2                                     | 1                        | 10                                    | 1   |
| Champaign  | 1                                    | 3             | 4                                     | 3                        | 50                                    | 3   |
| Clark      | 3                                    | 4             | 2                                     | 2                        | 62                                    | 3   |
| Clermont   | 4                                    | 1             | 1                                     | 3                        | 33                                    | 2   |
| Clinton    | 2                                    | 3             | 4                                     | 2                        | 64                                    | 3   |
| Columbiana | 3                                    | 4             | 2                                     | 4                        | 81                                    | 4   |
| Coshocton  | 2                                    | 4             | 3                                     | 4                        | 73                                    | 4   |
| Crawford   | 4                                    | 4             | 3                                     | 3                        | 84                                    | 4   |
| Cuyahoga   | 4                                    | 4             | 2                                     | 3                        | 74                                    | 4   |
| Darke      | 2                                    | 2             | 1                                     | 4                        | 16                                    | 1   |
| Defiance   | 2                                    | 3             | 3                                     | 1                        | 28                                    | 2   |
| Delaware   | 1                                    | 1             | 1                                     | 1                        | 1                                     | 1   |
| Erie       | 4                                    | 4             | 3                                     | 2                        | 79                                    | 4   |
| Fairfield  | 3                                    | 2             | 1                                     | 2                        | 21                                    | 1   |
| Fayette    | 4                                    | 2             | 4                                     | 4                        | 85                                    | 4   |
| Franklin   | 4                                    | 2             | 2                                     | 2                        | 41                                    | 2   |
| Fulton     | 1                                    | 2             | 4                                     | 2                        | 38                                    | 2   |
| Gallia     | 3                                    | 2             | 1                                     | 4                        | 50                                    | 3   |
| Geauga     | 1                                    | 1             | 1                                     | 3                        | 5                                     | 1   |
| Greene     | 2                                    | 1             | 3                                     | 2                        | 21                                    | 1   |
| Guernsey   | 3                                    | 1             | 3                                     | 4                        | 41                                    | 2   |
| Hamilton   | 3                                    | 4             | 3                                     | 2                        | 69                                    | 4   |

|            |   |   |   |   |    |   |
|------------|---|---|---|---|----|---|
| Hancock    | 2 | 1 | 2 | 1 | 12 | 1 |
| Hardin     | 2 | 3 | 1 | 2 | 25 | 2 |
| Harrison   | 3 | 4 | 2 | 1 | 50 | 3 |
| Henry      | 2 | 4 | 2 | 3 | 58 | 3 |
| Highland   | 4 | 1 | 3 | 2 | 50 | 3 |
| Hocking    | 3 | 2 | 2 | 1 | 28 | 2 |
| Holmes     | 1 | 2 | 1 | 4 | 21 | 1 |
| Huron      | 2 | 4 | 1 | 2 | 33 | 2 |
| Jackson    | 3 | 2 | 3 | 4 | 70 | 4 |
| Jefferson  | 3 | 4 | 2 | 3 | 74 | 4 |
| Knox       | 1 | 3 | 2 | 3 | 26 | 2 |
| Lake       | 1 | 1 | 1 | 3 | 11 | 1 |
| Lawrence   | 3 | 2 | 3 | 2 | 37 | 2 |
| Licking    | 4 | 1 | 1 | 2 | 35 | 2 |
| Logan      | 1 | 3 | 3 | 4 | 58 | 3 |
| Lorain     | 1 | 3 | 3 | 2 | 31 | 2 |
| Lucas      | 4 | 4 | 2 | 3 | 81 | 4 |
| Madison    | 2 | 1 | 4 | 1 | 26 | 2 |
| Mahoning   | 3 | 4 | 2 | 4 | 70 | 4 |
| Marion     | 2 | 4 | 4 | 2 | 58 | 3 |
| Medina     | 1 | 2 | 1 | 1 | 2  | 1 |
| Meigs      | 3 | 1 | 4 | 4 | 66 | 3 |
| Mercer     | 2 | 2 | 1 | 1 | 5  | 1 |
| Miami      | 2 | 3 | 1 | 3 | 35 | 2 |
| Monroe     | 4 | 4 | 4 | 4 | 88 | 4 |
| Montgomery | 3 | 2 | 3 | 2 | 47 | 3 |
| Morgan     | 2 | 2 | 1 | 4 | 19 | 1 |
| Morrow     | 1 | 1 | 2 | 2 | 4  | 1 |
| Muskingum  | 4 | 2 | 4 | 3 | 79 | 4 |
| Noble      | 1 | 2 | 3 | 1 | 8  | 1 |
| Ottawa     | 2 | 4 | 2 | 1 | 15 | 1 |
| Paulding   | 2 | 2 | 1 | 3 | 21 | 1 |
| Perry      | 2 | 1 | 3 | 4 | 41 | 2 |
| Pickaway   | 1 | 2 | 1 | 2 | 7  | 1 |
| Pike       | 3 | 3 | 4 | 1 | 50 | 3 |
| Portage    | 2 | 1 | 3 | 3 | 47 | 3 |
| Preble     | 4 | 3 | 3 | 3 | 77 | 4 |
| Putnam     | 1 | 1 | 1 | 4 | 13 | 1 |

|            |   |   |   |   |    |   |
|------------|---|---|---|---|----|---|
| Richland   | 2 | 3 | 4 | 1 | 41 | 2 |
| Ross       | 4 | 3 | 4 | 2 | 67 | 4 |
| Sandusky   | 1 | 4 | 3 | 3 | 64 | 3 |
| Scioto     | 4 | 1 | 2 | 4 | 41 | 2 |
| Seneca     | 3 | 3 | 3 | 3 | 74 | 4 |
| Shelby     | 1 | 3 | 1 | 4 | 38 | 2 |
| Stark      | 4 | 3 | 2 | 4 | 78 | 4 |
| Summit     | 4 | 2 | 2 | 3 | 50 | 3 |
| Trumbull   | 2 | 2 | 1 | 3 | 28 | 2 |
| Tuscarawas | 4 | 3 | 3 | 2 | 58 | 3 |
| Union      | 3 | 1 | 4 | 3 | 38 | 2 |
| Van Wert   | 1 | 1 | 3 | 2 | 8  | 1 |
| Vinton     | 4 | 1 | 3 | 1 | 31 | 2 |
| Warren     | 1 | 1 | 1 | 2 | 3  | 1 |
| Washington | 2 | 4 | 4 | 1 | 50 | 3 |
| Wayne      | 3 | 3 | 4 | 4 | 83 | 4 |
| Williams   | 2 | 4 | 4 | 1 | 50 | 3 |
| Wood       | 1 | 2 | 2 | 1 | 13 | 1 |
| Wyandot    | 1 | 4 | 4 | 1 | 47 | 3 |

Table 28 Summary of Home Visitation Domain Ranks, Quartiles, and Number of Domains in the 3<sup>rd</sup> and 4<sup>th</sup> Quartiles for Each County

| County     | Domain Mean Rank (Quartile) |                 |  |                |                         |              | # of Domains                                |   |  |
|------------|-----------------------------|-----------------|--|----------------|-------------------------|--------------|---|---|--|
|            | Birth Outcomes              | Birth Behaviors | Fetal, Neonatal, & Postnatal Mortality | Socio-economic | Crime and Substance Use | Child Health | In 3 <sup>rd</sup> quartile (domain abbrev) | In 4 <sup>th</sup> Quartile (domain abbrev) | In 3 <sup>rd</sup> or 4 <sup>th</sup> Quartile (domain abbrev) |
| Adams      | 49 (3)                      | 73 (4)          | 57 (3)                                 | 84 (4)         | 69 (4)                  | 16 (1)       | 2   | 3   | 5  |
| Allen      | 44 (2)                      | 59 (3)          | 67 (4)                                 | 52 (3)         | 59 (3)                  | 86 (4)       | 3   | 2   | 5  |
| Ashland    | 41 (2)                      | 55 (3)          | 22 (1)                                 | 45 (3)         | 11 (1)                  | 19 (1)       | 2   | 0   | 2  |
| Ashtabula  | 52 (3)                      | 86 (4)          | 75 (4)                                 | 68 (4)         | 35 (2)                  | 70 (4)       | 1   | 4   | 5  |
| Athens     | 18 (1)                      | 28 (2)          | 54 (3)                                 | 19 (1)         | 75 (4)                  | 87 (4)       | 1   | 2   | 3  |
| Auglaize   | 3 (1)                       | 18 (1)          | 10 (1)                                 | 9 (1)          | 47 (3)                  | 16 (1)       | 1   | 0   | 1  |
| Belmont    | 17 (1)                      | 55 (3)          | 24 (2)                                 | 22 (1)         | 32 (2)                  | 41 (2)       | 1   | 0   | 1  |
| Brown      | 40 (2)                      | 68 (4)          | 26 (2)                                 | 77 (4)         | 85 (4)                  | 67 (4)       | 0   | 4   | 4  |
| Butler     | 52 (3)                      | 39 (2)          | 63 (3)                                 | 32 (2)         | 75 (4)                  | 62 (3)       | 3   | 1   | 4  |
| Carroll    | 79 (4)                      | 16 (1)          | 29 (2)                                 | 61 (3)         | 44 (2)                  | 10 (1)       | 1   | 1   | 2  |
| Champaign  | 61 (3)                      | 33 (2)          | 44 (2)                                 | 39 (2)         | 83 (4)                  | 50 (3)       | 2   | 1   | 3  |
| Clark      | 80 (4)                      | 82 (4)          | 29 (2)                                 | 57 (3)         | 87 (4)                  | 62 (3)       | 2   | 3   | 5  |
| Clermont   | 9 (1)                       | 16 (1)          | 29 (2)                                 | 28 (2)         | 80 (4)                  | 33 (2)       | 0   | 1   | 1  |
| Clinton    | 65 (3)                      | 61 (3)          | 82 (4)                                 | 71 (4)         | 82 (4)                  | 64 (3)       | 3   | 3   | 6  |
| Columbiana | 43 (2)                      | 68 (4)          | 32 (2)                                 | 63 (3)         | 61 (3)                  | 81 (4)       | 2   | 2   | 4  |
| Coshocton  | 34 (2)                      | 68 (4)          | 67 (4)                                 | 39 (2)         | 27 (2)                  | 73 (4)       | 0   | 3   | 3  |
| Crawford   | 31 (2)                      | 66 (3)          | 86 (4)                                 | 68 (4)         | 69 (4)                  | 84 (4)       | 1   | 4   | 5  |
| Cuyahoga   | 87 (4)                      | 46 (3)          | 86 (4)                                 | 57 (3)         | 36 (2)                  | 74 (4)       | 2   | 3   | 5  |
| Darke      | 5 (1)                       | 11 (1)          | 22 (1)                                 | 27 (2)         | 51 (3)                  | 16 (1)       | 1   | 0   | 1  |
| Defiance   | 13 (1)                      | 24 (2)          | 16 (1)                                 | 42 (2)         | 18 (1)                  | 28 (2)       | 0   | 0   | 0  |
| Delaware   | 12 (1)                      | 1 (1)           | 2 (1)                                  | 4 (1)          | 2 (1)                   | 1 (1)        | 0   | 0   | 0  |
| Erie       | 60 (3)                      | 47 (3)          | 77 (4)                                 | 43 (2)         | 75 (4)                  | 79 (4)       | 2   | 3   | 5  |
| Fairfield  | 27 (2)                      | 9 (1)           | 7 (1)                                  | 6 (1)          | 22 (1)                  | 21 (1)       | 0   | 0   | 0  |
| Fayette    | 49 (3)                      | 77 (4)          | 61 (3)                                 | 61 (3)         | 61 (3)                  | 85 (4)       | 4   | 2   | 6  |
| Franklin   | 81 (4)                      | 54 (3)          | 84 (4)                                 | 45 (3)         | 51 (3)                  | 41 (2)       | 3   | 2   | 5  |
| Fulton     | 9 (1)                       | 9 (1)           | 55 (3)                                 | 28 (2)         | 36 (2)                  | 38 (2)       | 1   | 0   | 1  |
| Gallia     | 83 (4)                      | 62 (3)          | 61 (3)                                 | 33 (2)         | 79 (4)                  | 50 (3)       | 3   | 2   | 5  |
| Geauga     | 34 (2)                      | 33 (2)          | 7 (1)                                  | 3 (1)          | 6 (1)                   | 5 (1)        | 0   | 0   | 0  |
| Greene     | 18 (1)                      | 7 (1)           | 39 (2)                                 | 26 (2)         | 12 (1)                  | 21 (1)       | 0   | 0   | 0  |
| Guernsey   | 46 (3)                      | 82 (4)          | 14 (1)                                 | 81 (4)         | 64 (3)                  | 41 (2)       | 2   | 2   | 4  |

|            |        |        |        |        |        |        |   |   |   |
|------------|--------|--------|--------|--------|--------|--------|---|---|---|
| Hamilton   | 88 (4) | 51 (3) | 86 (4) | 52 (3) | 56 (3) | 69 (4) | 3 | 3 | 6 |
| Hancock    | 21 (1) | 23 (2) | 63 (3) | 12 (1) | 44 (2) | 12 (1) | 1 | 0 | 1 |
| Hardin     | 44 (2) | 62 (3) | 7 (1)  | 66 (3) | 43 (2) | 25 (2) | 2 | 0 | 2 |
| Harrison   | 61 (3) | 86 (4) | 71 (4) | 45 (3) | 18 (1) | 50 (3) | 3 | 2 | 5 |
| Henry      | 3 (1)  | 13 (1) | 1 (1)  | 28 (2) | 56 (3) | 58 (3) | 2 | 0 | 2 |
| Highland   | 34 (2) | 66 (3) | 4 (1)  | 81 (4) | 67 (4) | 50 (3) | 2 | 2 | 4 |
| Hocking    | 52 (3) | 62 (3) | 14 (1) | 33 (2) | 86 (4) | 28 (2) | 2 | 1 | 3 |
| Holmes     | 24 (2) | 29 (2) | 73 (4) | 11 (1) | 1 (1)  | 21 (1) | 0 | 1 | 1 |
| Huron      | 27 (2) | 79 (4) | 32 (2) | 72 (4) | 44 (2) | 33 (2) | 0 | 2 | 2 |
| Jackson    | 81 (4) | 60 (3) | 57 (3) | 75 (4) | 27 (2) | 70 (4) | 2 | 3 | 5 |
| Jefferson  | 56 (3) | 77 (4) | 55 (3) | 50 (3) | 73 (4) | 74 (4) | 3 | 3 | 6 |
| Knox       | 31 (2) | 53 (3) | 32 (2) | 20 (1) | 6 (1)  | 26 (2) | 1 | 0 | 1 |
| Lake       | 15 (1) | 12 (1) | 16 (1) | 13 (1) | 6 (1)  | 11 (1) | 0 | 0 | 0 |
| Lawrence   | 70 (4) | 49 (3) | 63 (3) | 45 (3) | 27 (2) | 37 (2) | 3 | 1 | 4 |
| Licking    | 47 (3) | 26 (2) | 44 (2) | 39 (2) | 27 (2) | 35 (2) | 1 | 0 | 1 |
| Logan      | 47 (3) | 55 (3) | 50 (3) | 33 (2) | 75 (4) | 58 (3) | 4 | 1 | 5 |
| Lorain     | 55 (3) | 51 (3) | 76 (4) | 37 (2) | 32 (2) | 31 (2) | 2 | 1 | 3 |
| Lucas      | 70 (4) | 68 (4) | 80 (4) | 79 (4) | 80 (4) | 81 (4) | 0 | 6 | 6 |
| Madison    | 24 (2) | 33 (2) | 43 (2) | 17 (1) | 18 (1) | 26 (2) | 0 | 0 | 0 |
| Mahoning   | 86 (4) | 41 (2) | 50 (3) | 79 (4) | 61 (3) | 70 (4) | 2 | 3 | 5 |
| Marion     | 74 (4) | 82 (4) | 26 (2) | 59 (3) | 64 (3) | 58 (3) | 3 | 2 | 5 |
| Medina     | 37 (2) | 3 (1)  | 20 (1) | 2 (1)  | 41 (2) | 2 (1)  | 0 | 0 | 0 |
| Meigs      | 61 (3) | 81 (4) | 85 (4) | 88 (4) | 47 (3) | 66 (3) | 3 | 3 | 6 |
| Mercer     | 1 (1)  | 5 (1)  | 5 (1)  | 5 (1)  | 24 (2) | 5 (1)  | 0 | 0 | 0 |
| Miami      | 14 (1) | 20 (1) | 13 (1) | 22 (1) | 51 (3) | 35 (2) | 1 | 0 | 1 |
| Monroe     | 70 (4) | 32 (2) | 6 (1)  | 51 (3) | 12 (1) | 88 (4) | 1 | 2 | 3 |
| Montgomery | 56 (3) | 44 (2) | 81 (4) | 63 (3) | 69 (4) | 47 (3) | 3 | 2 | 5 |
| Morgan     | 58 (3) | 55 (3) | 35 (2) | 86 (4) | 15 (1) | 19 (1) | 2 | 1 | 3 |
| Morrow     | 70 (4) | 37 (2) | 39 (2) | 52 (3) | 17 (1) | 4 (1)  | 1 | 1 | 2 |
| Muskingum  | 68 (4) | 76 (4) | 46 (3) | 63 (3) | 49 (3) | 79 (4) | 3 | 3 | 6 |
| Noble      | 21 (1) | 50 (3) | 24 (2) | 84 (4) | 23 (2) | 8 (1)  | 1 | 1 | 2 |
| Ottawa     | 18 (1) | 20 (1) | 26 (2) | 22 (1) | 24 (2) | 15 (1) | 0 | 0 | 0 |
| Paulding   | 39 (2) | 19 (1) | 11 (1) | 72 (4) | 4 (1)  | 21 (1) | 0 | 1 | 1 |
| Perry      | 58 (3) | 62 (3) | 16 (1) | 83 (4) | 27 (2) | 41 (2) | 2 | 1 | 3 |
| Pickaway   | 51 (3) | 27 (2) | 63 (3) | 28 (2) | 69 (4) | 7 (1)  | 2 | 1 | 3 |
| Pike       | 78 (4) | 88 (4) | 35 (2) | 87 (4) | 41 (2) | 50 (3) | 1 | 3 | 4 |
| Portage    | 37 (2) | 13 (1) | 50 (3) | 14 (1) | 26 (2) | 47 (3) | 2 | 0 | 2 |
| Preble     | 29 (2) | 37 (2) | 2 (1)  | 22 (1) | 67 (4) | 77 (4) | 0 | 2 | 2 |

|            |        |        |        |        |        |        |   |   |   |
|------------|--------|--------|--------|--------|--------|--------|---|---|---|
| Putnam     | 1 (1)  | 3 (1)  | 16 (1) | 7 (1)  | 14 (1) | 13 (1) | 0 | 0 | 0 |
| Richland   | 61 (3) | 74 (4) | 35 (2) | 52 (3) | 51 (3) | 41 (2) | 3 | 1 | 4 |
| Ross       | 74 (4) | 74 (4) | 35 (2) | 68 (4) | 64 (3) | 67 (4) | 1 | 4 | 5 |
| Sandusky   | 74 (4) | 41 (2) | 59 (3) | 43 (2) | 88 (4) | 64 (3) | 2 | 2 | 4 |
| Scioto     | 85 (4) | 85 (4) | 77 (4) | 56 (3) | 74 (4) | 41 (2) | 1 | 4 | 5 |
| Seneca     | 21 (1) | 39 (2) | 39 (2) | 72 (4) | 56 (3) | 74 (4) | 1 | 2 | 3 |
| Shelby     | 11 (1) | 47 (3) | 20 (1) | 17 (1) | 36 (2) | 38 (2) | 1 | 0 | 1 |
| Stark      | 69 (4) | 31 (2) | 71 (4) | 60 (3) | 32 (2) | 78 (4) | 1 | 3 | 4 |
| Summit     | 67 (4) | 22 (1) | 67 (4) | 66 (3) | 59 (3) | 50 (3) | 3 | 2 | 5 |
| Trumbull   | 65 (3) | 79 (4) | 77 (4) | 75 (4) | 55 (3) | 28 (2) | 2 | 3 | 5 |
| Tuscarawas | 74 (4) | 33 (2) | 46 (3) | 37 (2) | 15 (1) | 58 (3) | 2 | 1 | 3 |
| Union      | 31 (2) | 5 (1)  | 67 (4) | 1 (1)  | 10 (1) | 38 (2) | 0 | 1 | 1 |
| Van Wert   | 29 (2) | 29 (2) | 49 (3) | 49 (3) | 36 (2) | 8 (1)  | 2 | 0 | 2 |
| Vinton     | 83 (4) | 68 (4) | 83 (4) | 78 (4) | 83 (4) | 31 (2) | 0 | 5 | 5 |
| Warren     | 7 (1)  | 2 (1)  | 39 (2) | 7 (1)  | 18 (1) | 3 (1)  | 0 | 0 | 0 |
| Washington | 24 (2) | 24 (2) | 73 (4) | 14 (1) | 2 (1)  | 50 (3) | 1 | 1 | 2 |
| Wayne      | 42 (2) | 41 (2) | 11 (1) | 21 (1) | 5 (1)  | 83 (4) | 0 | 1 | 1 |
| Williams   | 6 (1)  | 44 (2) | 46 (3) | 33 (2) | 36 (2) | 50 (3) | 2 | 0 | 2 |
| Wood       | 16 (1) | 7 (1)  | 50 (3) | 10 (1) | 49 (3) | 13 (1) | 2 | 0 | 2 |
| Wyandot    | 7 (1)  | 15 (1) | 59 (3) | 16 (1) | 6 (1)  | 47 (3) | 2 | 0 | 2 |