University of Michigan Knowledge Center

• As part of the Arcus Foundation's Michigan Racial and Economic Justice Initiative, the Program for Research on Black Americans will develop the University of Michigan Knowledge Center (UMKC).

• The UMKC will assist ten local health and human services organizations funded by Arcus
PRBA and UMKC Plans

• University academicians will use data and scholarly writing to address community concerns in the Kalamazoo area

• Convene discussion groups focusing on:
  – community needs and assets
  – educational achievement
  – financial planning
  – racial health disparities

• Convene small skill-based workshops to help organizations increase their ability to conduct research projects

• Compile demographic, socioeconomic, and social indicator data to develop statistical profiles of the Kalamazoo area

• Hold meetings with the community organizations to explore how these data can be used to address local health and social problems
Deborah Coral  
*Research Area Specialist*

Debbie received a Bachelor's degree in Sociology from Madonna University. She began working with PRBA as a Research Assistant in 1999 focusing mainly on study development of the National Survey of American Life. She currently holds the title of Research Area Specialist and has carved out a niche for herself as the department IRB specialist among other things. Her main focus is study development. Some of her strengths include sample design, questionnaire development, data collection and management. When she isn't working at PRBA she is happily spending time with her husband and three children. She enjoys photography, scrapbooking, reading and traveling to tropical places. She and her family also love the Detroit Tiger's and plan family trips around some of the Tiger road trips.
Niki Matusko  
*Research Area Specialist*

Niki received a Bachelor's degree in Mathematics with a concentration in Statistics from the University of Michigan. She joined PRBA in 2007 as a Research Area Specialist. Previously she worked in the Psychology department as a Health Information Analyst. Her main focus at PRBA is data management and data analysis of the National Survey of American Life: Adolescent data, the Family Connections data, and the Caribbean data. Outside of work she enjoys running, mountain biking and remodeling old houses with her husband. She also enjoys spending time with her two daughters and their family dog.
Brian Krenz
Research Technician Associate

Brian joined PRBA as a University of Michigan undergraduate student in 2004 and has since received a Bachelor's degree in Psychology and become a full time employee. He currently holds the title Research Technician Associate, and is heavily involved in the National Politics Study. Brian also assists in writing many of the publications generated in PRBA and has the responsibility of proofreading and layout-editing for Perspectives, PRBA's occasional publication. Brian lives on campus with friends and enjoys the social aspects of campus life. In his spare time Brian also blogs for ThePoliticalPanorama.com.
Training Modules

• Pre-Contact Materials (15 minutes)
  – Letters
  – Flyers
    • What should they include
    • Make the study sound interesting
    • Entice R to want to participate

• Questionnaire Development (30-60 minutes)
  – Self Administered vs. Iwer Administered
    • Page layout
    • Show sufficient white space
    • Skip logic should be easy to follow
    • Open vs. Closed ended Qs
    • Tables, boxes, bullets make it easier
    • Response options should be mutually exclusive
    • Response options should make sense given the question asked
    • Questions should be sample appropriate, (i.e. age, education level)
Training Modules, cont.

• Introduction (90-120 minutes)
  – Recruiting respondents
  – Using Coversheets
  – Recording Call Notes
  – Collecting Consent/Assent

• Paper and Pencil Questionnaire Basics (60 minutes)
  – Recording responses
  – Digressions
  – Probes
  – Feedback
  – Practice
Training Modules, cont.

• Interview Procedures (30-60 minutes)
  – How to ask the Q
  – Clarifications (Q by Qs)
  – Probing
  – Occupation and Industry Probing
  – Neutral Feedback
  – Recording Respondent Comments

• Special Issues
  – Refusal Conversion/Aversion (60 minutes)
Training Modules, cont.

- Data Cleaning (60-90 minutes)
  - Software: SPSS, Excel, Accel
  - Data entry and accuracy
    - Double entry
    - Spot check every tenth
  - Data cleaning / checking
    - Frequencies, Cross-Tabs
    - Outliers
    - Demographic inconsistencies (such as age)
Training Modules, cont.

- Data Analysis (120 minutes)
  - Descriptive measures
    - Frequencies
    - Cross-Tabs
    - Case Summaries
  - Percentages
    - Univariate
    - Bivariate
  - Data display
    - Tables
    - Pie charts
    - Line graphs
    - Histograms
  - Qualitative data
    - Software
## Population by Gender

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2000</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>116,875</td>
<td>115,376</td>
<td>1.30</td>
</tr>
<tr>
<td>Female</td>
<td>123,845</td>
<td>123,227</td>
<td>0.50</td>
</tr>
</tbody>
</table>
Kalamazoo County Age Distribution Estimates - 2006

- 18 years & over, 76.8%
- 65 years & over, 11.7%
- Under 5 years, 6.2%
2004 Race & Ethnicity Estimates

White, Non-Hispanic: 83%
Black, Non-Hispanic: 11%
American Indian or Alaska Native, Non-Hispanic: 1%
Asian or Pacific Islander, Non-Hispanic: 2%
Hispanic: 3%
High School Graduation Rates

Cumulative Promotion Index (Urban Inst.) (%)

- All Students: 30.8%
- White: 44.6%
- Black: 11.9%
- Hispanic: 22.1%
- Female: 33.6%
- Male: 27.9%

2002
Percent of Kalamazoo County Population
Highschool Graduates or Higher & Bachelor's Degree or Higher
2000 vs 2006

Education

- 2000:
  - Highschool Graduate or Higher: 88.8%
  - Bachelor's Degree or Higher: 31.2%

- 2006:
  - Highschool Graduate or Higher: 90.9%
  - Bachelor's Degree or Higher: 33.7%

- Legend:
  - Yellow: Highschool Graduate or Higher
  - Red: Bachelor's Degree or Higher
The district graduation rate for Kalamazoo Public Schools dropped from 82.74 (2004-2005) to 77.04 for 2005-2006.

Source: Center for Educational Performance & Information
Employment, Poverty & Income

- Kalamazoo-Portage MSA’s Unemployment rate for December, 2008 was 8.7 which was lower than Michigan’s overall rate of 10.6 – the highest in the nation.
- The city of Kalamazoo had the seventh highest poverty rate (33.4%) in the U.S. among cities with populations < 250,000 in 2006.
- The child poverty rate in the city was 40.9%.
- Median income in Kalamazoo county was a little over $42,000 (2003) versus over $45,000 overall in Michigan and over $43,000 in the U.S.
Income Disparities

Per Capita Income in 1999 by Race and Hispanic Ethnicity, Kalamazoo County

- Total population: $21,739
- White alone population: $23,120
- Asian alone population: $19,261
- American Indian and Alaska Native alone population: $17,817
- Black or African American alone population: $13,992
- Hispanic or Latino population (any race): $13,413
- Two or more races population: $12,542

Source: US Census 2000, Summary File 3
Community – Health Status

General Health Fair or Poor by Education, Income, Race, and Living in the City of Kalamazoo, Kalamazoo County 2004 - 2005

Source: Kalamazoo County Behavioral Risk Factor Survey 2004 – 2005
Community - Access to Care

Percentage of Adult Population With No Personal Health Care Provider by Education, Income, Race, and Living in the City of Kalamazoo, Kalamazoo County 2004 - 2005

Source: Kalamazoo County Behavioral Risk Factor Survey 2004 – 2005
Community – Thinking About Race

"How Frequently Do You Think of Your Race?",
Kalamazoo County, 2004 - 2005

Frequency think of own race

Source: Kalamazoo County Behavioral Risk Factor Survey 2004 –2005
Community – Perceived Treatment Based on Race

Among Those Classified by Others in this Country as Black: Report are Treated Worse at Work Than People of Other Races, by Age, Sex, Education and Income, Kalamazoo County, 2004 - 2005

Source: Kalamazoo County Behavioral Risk Factor Survey 2004 –2005
Crime – Overall 2004

<table>
<thead>
<tr>
<th>2004 Crime Data</th>
<th>Cases</th>
<th>100,000 Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Violent Crimes</td>
<td>889</td>
<td>370.24</td>
</tr>
<tr>
<td>Murder</td>
<td>4</td>
<td>1.67</td>
</tr>
<tr>
<td>Forcible Rape</td>
<td>110</td>
<td>45.81</td>
</tr>
<tr>
<td>Robbery</td>
<td>204</td>
<td>84.96</td>
</tr>
<tr>
<td>Aggravated Assault</td>
<td>571</td>
<td>237.81</td>
</tr>
<tr>
<td>Total Property Crimes</td>
<td>9,718</td>
<td>4,047.28</td>
</tr>
<tr>
<td>Burglary</td>
<td>1,856</td>
<td>772.97</td>
</tr>
<tr>
<td>Larceny Theft</td>
<td>7,302</td>
<td>3,041.08</td>
</tr>
<tr>
<td>Motor Vehicle Theft</td>
<td>560</td>
<td>233.22</td>
</tr>
</tbody>
</table>

This table shows the number of specific crimes had been reported to Kalamazoo County in 2004, along with the Per 100,000 Rate of each crime (used to measure relative occurrences of crime).
# 2006 Grand Total Arrests by Race & Gender

<table>
<thead>
<tr>
<th><strong>County</strong></th>
<th><strong>State</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Population Served</td>
<td>237,166</td>
</tr>
<tr>
<td>Sworn Officer Count As Of 10/31/2006</td>
<td>N/A</td>
</tr>
<tr>
<td>Civilian Employee Count</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## MALE TOTAL

<table>
<thead>
<tr>
<th>Race &amp; Gender</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>6,813</td>
</tr>
<tr>
<td>Black</td>
<td>3,188</td>
</tr>
<tr>
<td>American Indian/Ask</td>
<td>4</td>
</tr>
<tr>
<td>Asian Pacific Isle</td>
<td>17</td>
</tr>
<tr>
<td>Hispanic</td>
<td>0</td>
</tr>
<tr>
<td>Unknown</td>
<td>248</td>
</tr>
</tbody>
</table>

## FEMALE TOTAL

<table>
<thead>
<tr>
<th>Race &amp; Gender</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>2,251</td>
</tr>
<tr>
<td>Black</td>
<td>890</td>
</tr>
<tr>
<td>American Indian/Ask</td>
<td>2</td>
</tr>
<tr>
<td>Asian Pacific Isle</td>
<td>7</td>
</tr>
<tr>
<td>Hispanic</td>
<td>0</td>
</tr>
<tr>
<td>Unknown</td>
<td>61</td>
</tr>
</tbody>
</table>

## GRAND TOTAL - Male & Female

<table>
<thead>
<tr>
<th>Race &amp; Gender</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9,064</td>
</tr>
</tbody>
</table>

**County data may be incomplete due to incomplete jurisdiction reporting. Includes all reported activity within the county.**

Source: Michigan State Police, [http://www.state.mi.us/cjic/ucrstats/RaceSexCty.asp](http://www.state.mi.us/cjic/ucrstats/RaceSexCty.asp)
Juvenile Crime

Referrals for Selected Assaultive Crimes in Kalamazoo County, 2000-2004

<table>
<thead>
<tr>
<th>Year</th>
<th>Referrals for FBI-Identified Violent Crimes</th>
<th>Referrals for Other Assultive Crimes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>14</td>
<td>464</td>
</tr>
<tr>
<td>2001</td>
<td>36</td>
<td>637</td>
</tr>
<tr>
<td>2002</td>
<td>16</td>
<td>642</td>
</tr>
<tr>
<td>2003</td>
<td>23</td>
<td>740</td>
</tr>
<tr>
<td>2004</td>
<td>38</td>
<td>719</td>
</tr>
</tbody>
</table>

Causes of Death

Percentage of Deaths Due to Leading Causes in Kalamazoo County, 2004

- Cancer: 24.8%
- Heart Disease: 23.2%
- Stroke: 6.2%
- All other causes: 20.1%

- AIDS: 0.1%
- Homicide: 0.3%
- Chronic Liver Disease: 0.7%
- Septicemia: 0.9%
- Suicide: 1.6%
- Kidney Disease: 1.8%
- Pneumonia & Influenza: 2.3%
- Diabetes Mellitus: 4.1%
- Alzheimer's Disease: 4.5%
- Chronic Lower Respiratory Disease: 4.6%
- Unintentional Injury (Accidents): 4.8%

Mortality data source: Michigan Department of Community Health, Division for Vital Records and Health Data Development, Michigan Resident Mortality File
Hospitalization

- Heart Disease - 12.2%
- Newborn & Neonates - 11.1%
- Females with Deliveries - 10.7%
- Injury & Poisoning – 7.5
- Psychoses – 3.8%
- Cancer – 3.1%
Teen Pregnancy

Estimated Pregnancy Rate Among Females Ages 15 - 19 Years, Kalamazoo County and Michigan, 1989 - 2005

Teen Pregnancy

Birth Rates per 1,000 Females Age 15-19, Kalamazoo County and Michigan 2005

<table>
<thead>
<tr>
<th>Race</th>
<th>Kalamazoo</th>
<th>Michigan</th>
</tr>
</thead>
<tbody>
<tr>
<td>All races</td>
<td>30.1</td>
<td>32.4</td>
</tr>
<tr>
<td>White</td>
<td>20.7</td>
<td>26.0</td>
</tr>
<tr>
<td>Black</td>
<td>100.8</td>
<td>61.4</td>
</tr>
<tr>
<td>Hispanic</td>
<td>79.9</td>
<td>73.3</td>
</tr>
</tbody>
</table>