

MAPP (MOBILIZING FOR ACTION THROUGH PLANNING AND PARTNERSHIPS) COMMUNITY HEALTH STATUS ASSESSMENT BRIEF FOR BERKELEY COUNTY, WV

February, 2013

Bridges to Healthy Transitions: Serving the Eastern Panhandle and the State of West Virginia

West Virginia University School of Nursing, Eastern Division

<http://www.hsc.wvu.edu/eastern/SON/Bridges/>

Demographics

Issues to Consider:

The greatest population growth was among persons ages 50 -64.

There are significant health disparities, including rates of obesity and chronic illness among the African American and Hispanic populations.

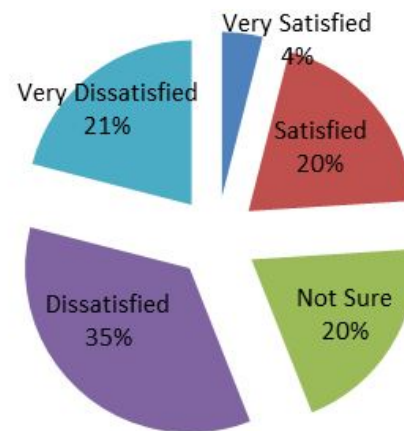
The percentage of children living in poverty is increasing.

Berkeley County Population 2000 -2010							
Age	2000 ¹	2010 ²	% Change	Race/Ethnicity	2000 ³	2010 ⁴	% Change
<5	5,024	7,241	44.13%	White	71,254	94,052	32.0%
5 – 14	11,169	14,650	31.17%	Black or African American	4,006	9,093	127%
15-29	14,839	19,324	30.22%	American Indian or Alaska Native	490	902	84.1%
30-49	24,167	30,433	25.93%	Asian	531	1,330	150.5%
50-64	12,240	20,663	68.81%	Hispanic or Latino	1,156	3,961	242.7%
65+	8,466	11,858	40.06%	Native Hawaiian or Pacific islander	43	116	179.8%
				Other	608	1,609	165%
Total	75,905	104,169	37.24%		75,905	104,169	37.2%

Socioeconomic and Educational Attainment Berkeley County, WV

	2000	2010
Unemployed	3.6% ⁵	8.7% ⁶
	Source for information below unless otherwise referenced ⁷	Source for information below unless otherwise referenced ⁸
Median Household Income	\$38,763	\$50,724
Children living below the poverty level	14.6%	19.4%
Families living below the poverty level	8.7%	9.0%
Female head of household, no husband present with own children under 18 years	6.6% ⁹	7.0% ¹⁰
Families with female householder, no husband present, with related children under 18 years living below the poverty	40.2%	43.5%
Total people living below poverty level	11.5%	13.3%
Population age 25 and older that graduated from high school	77.6%	85.3% ¹¹
Population age 25 and older with a Bachelor's Degree or higher	15.1%	21.4% ¹²

How satisfied are you with jobs and career growth in our county?



804 Berkeley County responses to the 2011 MAPP Community Strengths and Themes Survey - 37% of respondents had an income of less than \$20,000; 17% had an income between \$20,000 and \$40,000. Only 16% had an income over \$100,000.

⁵ <http://www.bls.gov/lau/#tables>; Labor Force Data by County, 2000 Annual Averages;

⁶ <http://www.bls.gov/lau/#tables>; Labor Force Data by County, 2010 Annual Averages;

⁷ <http://www.census.gov/prod/cen2000/phc-2-50.pdf>

⁸ <http://factfinder2.census.gov> Berkeley County, WV; DP03; Selected Economic Characteristics: 2010 American Community Survey 1-Year estimates

⁹ <http://factfinder2.census.gov> Berkeley County, WV; DP-1; Profile of General Demographic Characteristics: 2000 ; Census 2000 Summary File 1 (SF 1) 100-Percent Data

¹⁰ <http://factfinder2.census.gov> Berkeley County, WV; DP-1; Profile of General Population and Housing Characteristics, 2010; 2010 SF2

¹¹ <http://factfinder2.census.gov> Berkeley County, WV; S1501; Educational attainment; 2010 American Community Survey 1-Year Estimates

¹² <http://factfinder2.census.gov> Berkeley County, WV; S1501; Educational attainment; 2010 American Community Survey 1-Year Estimates

¹ <http://factfinder2.census.gov> Berkeley County, WV; DP-1; Profile of General Demographic Characteristics: 2000 Census 2000 Summary File 1 (SF 1) 100-Percent Data

² <http://factfinder2.census.gov> Berkeley County WV; DP-1 Profile of General Population and Housing Characteristics: 2010; 2010 Demographic Profile Data;

³ <http://factfinder2.census.gov> Berkeley County, WV; DP-1; Profile of General Demographic Characteristics: 2000 Census 2000 Summary File 1 (SF 1) 100-Percent Data

⁴ <http://factfinder2.census.gov> Berkeley County WV; DP-1 Profile of General Population and Housing Characteristics: 2010; 2010 Demographic Profile Data

Substance Abuse

Drug and Narcotic Offenses Rates Per 1,000		
2000 ¹³	2005 ¹⁴	2010 ¹⁵
3.310	3.278	9.984

Drug Overdose Deaths Rate per 100,000 ¹⁶					
2001	2003	2005	2007	2009	2011
12.8	23.7	20.6	17.1	25.3	27.7

Any Drug Overdose With at Least One Possible Prescription Drug Rate per 100,000 ¹⁷					
2001	2003	2005	2007	2009	2011
8.9	21.3	19.5	15.1	23.3	25.8

Diabetes

In 2011, 36.4% of City Hospital’s Ambulatory Care Sensitive discharges were among persons with diabetes. Of these discharges, 53% were uncontrolled diabetes and 22.8% were long-term complication of diabetes.

Age Adjusted Percent of Berkeley County Adults Who Have Been Diagnosed with Diabetes ¹⁸	
2005	2009
10.1%	10.5%

Maternal and Child Health

Berkeley County Teen Birth Rates Per 1,000 Population			
	1999 - 2003 ¹⁹	2002 - 2006 ²⁰	2009 ²¹
Ages 15 – 19	66.6	66.4	46.8
Ages 15 – 17	32.7	34.1	20.9
Ages 18 - 19	123.7	119.6	94.8

Berkeley County Infant Mortality Rates Per 1,000 population		
2000 ²²	2005 ²³	2009 ²⁴
7.4	9.2	13.3

In 2011, almost 29% of newborn discharges from WVUH-East’s City Hospital had “other significant problems.” This category includes a range of conditions ranging from neonatal jaundice to significant problems²⁵.

The Eastern Panhandle MAPP was generously supported by a grant from the Claude B. Worthington Benedum Foundation with the West Virginia University School of Nursing serving as its administrative home
 The full MAPP report is available online at <http://www.hsc.wvu.edu/eastern/SON/Bridges/Forms/Mapp-Form.aspx>.
 For more information, contact Trina Bartlett at tcbartlett@hsc.wvu.edu or (304) 596-6349.

Environmental Factors

Radon is the second leading cause of lung cancer in the United States and the number one cause of lung cancer among non-smokers. The average indoor radon level is estimated to be about 1.3 pCi/L (picocuries per liter), and the U.S. Environmental Protection Agency (EPA) has established that the "action level" for deciding when you need to "do something" about radon is 4 pCi/L.²⁶

Average Indoor Radon Level Berkeley County ²⁷	
Average Indoor Radon Level	8.7 pCi/L
Results under 2pCi/L	29%
Results between 2 and 3.9 pCi/L	19%
Results 4 pCi/L and higher	52%

Cancer

From 2005-2009, Berkeley County’s overall cancer rate and lung cancer rate were higher than the national rate but lower than the state rate. While cancer *death* rates in Berkeley County are above that national rate, they are falling, with the exception of lung and bronchus cancer among females which is above the U.S. rate and rising.²⁸

2011 MAPP Survey Highlights –Berkeley County

	Very Satisfied	Satisfied	Not Sure	Dissatisfied	Very Dissatisfied
Access to quality health care	12%	36%	20%	21%	11%
Quality of schools	16%	37%	23%	18%	6%
Transportation services	5%	20%	36%	26%	13%
Recreation programs	11%	34%	31%	20%	5%
Programs that support senior citizens	8%	27%	46%	15%	4%
Job training programs	6%	12%	35%	24%	22%
Availability of affordable housing	5%	28%	24%	28%	16%
Indoor air quality	10%	49%	25%	12%	4%
Public water supply	6%	35%	28%	22%	10%

Which are the three most critical health and safety issues facing our county?		What are the three most important attitudes or behaviors that cause health problems in our county	
Substance abuse	45%	Illegal drug use	53%
Obesity	41%	Alcohol use	43%
Child abuse and Neglect	34%	Poor eating habits	38%

¹³ <http://www.statepolice.wv.gov/about/Documents/CrimeStatistics/2000wvcrimes.pdf>

¹⁴ <http://www.statepolice.wv.gov/about/Documents/CrimeStatistics/2005wvcrimes.pdf>

¹⁵ <http://www.statepolice.wv.gov/about/Documents/CrimeStatistics/2010wvcrimes.pdf>

¹⁶ WV Drug Overdose Deaths 2001 – 2011 Report provided by the WV Health Statistics Center

¹⁷ WV Drug Overdose Deaths 2001 – 2011 Report provided by the WV Health Statistics Center

¹⁸ http://apps.nccd.cdc.gov/DDT_STRS2/CountyPrevalenceData.aspx?Statelid=54&mode=DBT

¹⁹ http://www.wvdhhr.org/bph/oehp/vital03/vs_12.htm

²⁰ http://www.wvdhhr.org/bph/hsc/pubs/vital/2006/vs_12.htm

²¹ Report from the WV Health Statistics Center, August 2012

²² www.wvdhhr.org/bph/oehp/vital00/vs_39.htm

²³ http://www.wvdhhr.org/bph/hsc/pubs/vital/2006/vs_41.htm

²⁴ <http://www.wvdhhr.org/bph/hsc/pubs/vital/2009/2009Vital.pdf> Page 119, Table 58

²⁵ WVU Hospital’s East

²⁶ http://www.epa.gov/radon/pubs/citguide.html#EI_Radon

²⁷ <http://county-radon.info/WV/Berkeley.html>

²⁸ <http://statecancerprofiles.cancer.gov/incidencrates>