Beaumont Health
Community Health Needs Assessment Indicators

TRUVEN HEALTH ANALYTICS™ — an IBM Company

Indicator Category		POPULATION													
Indicator Sub-Category		Education			Socioeconomic									Violence		
Indicator		High School Graduation	High School Dropouts	Some College	Median Household Income	Children Eligible for Free Lunch	Residential Segregation (black/white)	Residential Segregation (non-white/white)	Births to Unmarried Women	Children in Poverty	Children in Single-parent Households	Individuals Who Report Being Disabled	Unemployment	Violent Crime Rate	Homicide	Confirmed Victims of Abuse and/or Neglect, Ages 0-17
Benchmarks US		82%		64%	$ 53,700	43%	63	48		22%	34%		6%	392	6.0	
State		78%	10%	66%	$ 49,800	42%	74	61	43%	23%	34%	25%	7%	464	7.0	14.7
CHR		93%		72%	$ 61,700	25%	23	15		13%	21%		4%	59	2.0	
Geography																
Indicator value Wayne County		75%	11%	60%	$41,434	57%	81	72	56%	35%	48%		10%	1,089	21.0	11.7
Oakland County		81%	7%	79%	$69,378	28%	64	50	28%	12%	25%	22%	7%	223	4.0	5.9
Macomb County		77%	9%	68%	$54,865	39%	48	37	36%	18%	29%	24%	8%	303	4.0	7.8
Wayne Co ex Detroit												25%				
Detroit City												33%				
Source:		County Health Rankings (State sources and the National Center for Education Statistics)	Center for Educational Performance Information (CEPI)	County Health Rankings (American Community Survey, 5-year estimates)	County Health Rankings (U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE))	County Health Rankings (National Center for Education Statistics)	County Health Rankings (American Community Survey, 5-year estimates)	County Health Rankings (American Community Survey, 5-year estimates)	MI Department of Health and Human Services (Division for Vital Records and Health Statistics)	County Health Rankings (U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE))	County Health Rankings (American Community Survey, 5-year estimates)	MI Department of Health and Human Services (MiBRFS)	County Health Rankings (Bureau of Labor Statistics)	County Health Rankings (Uniform Crime Reporting, Federal Bureau of Investigation)	County Health Rankings (CDC WONDER mortality data)	MI Department of Health and Human Services (Children's Protective Services)
Site:		CHR	KidsCount	CHR	CHR	CHR	CHR	CHR	KidsCount	CHR	CHR	MDHHS	CHR	CHR	CHR	KidsCount
Source Notes:		2012-2013 Percent of ninth grade cohort that graduates in 4 years	2014 The number of students in the four-year cohort who have not graduated and either have left school permanently or whose whereabouts are unknown. The percent is based on the cohort.	2010-2014 Percent of adults aged 25-44 years with some post-secondary education	2014 Median Household Income is the income at which half the households earn more and half the households earn less	2012-2013 Percentage of children enrolled in public schools that are eligible for free lunch	2010-2014 Index of dissimilarity where higher values indicate greater residential segregation between black and white county residents. The residential segregation index ranges from 0 (complete integration) to 100 (complete segregation)	2010-2014 Index of dissimilarity where higher values indicate greater residential segregation between non-white and white county residents. The residential segregation index ranges from 0 (complete integration) to 100 (complete segregation)	2014 Percent of total live births to unwed mothers	2014 Percent of children under age 18 in poverty)	2010 - 2014 Percent of children that live in a household headed by a single parent	2012-2014 Percent of adults who reported being limited in any activities because of physical, mental, or emotional problems or required the use of special equipment, such as a cane, a wheelchair, a special bed, or a special telephone due to a health problem	2014 Percent of population ages 16 and older unemployed but seeking work	2010-2012 Number of reported violent crime offenses per 100,000 population	2007-2013 Number of deaths due to homicide per 100,000 population	2014 Confirmed Victims of Abuse and/or Neglect, Ages 0-17 per 1,000 children ages 0-17

NOTES
- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.
- Blank cells indicate value is not available
- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

Beaumont Health
Community Health Needs Assessment Indicators

TRUVEN HEALTH ANALYTICS™ an IBM Company

		Indicator Category	HEALTH OUTCOMES										
		Indicator Sub-Category	Health Status				Leading Hospital Discharges (MI)							
		Indicator	Poor or Fair Health	General Health Fair or Poor	Poor Physical Health Days	Poor Physical Health	Discharge Rate: Heart Disease	Discharge Rate: Injury & Poisoning	Discharge Rate: Septicemia	Discharge Rate: Psychoses	Discharge Rate: Cancer (Malignant Neoplasms)	Discharge Rate: Osteo-arthrosis & Allied Disorders	Discharge Rate: Pneumonia	Discharge Rate: Cerebro-vascular Disease
Benchmarks		US	18%		3.6									
		State	16%	17%	3.8	13%	127.6	102.4	50.8	47.1	38.1	40.9	31.5	34.3
		CHR	12%		2.9									
		Geography												
Indicator value		Wayne County	18%		3.8		157.0	126.1	59.8	55.4	43.4	32.5	36.4	42.0
		Oakland County	12%	13%	3.1	10%	119.9	99.1	45.0	43.3	39.0	37.9	26.1	32.2
		Macomb County	14%	17%	3.6	11%	136.5	112.4	68.3	54.0	42.6	42.2	27.9	35.6
		Wayne Co ex Detroit		16%		13%								
		Detroit City		31%		18%								
		Source:	County Health Rankings (BRFSS)	MI Department of Health and Human Services (MiBRFS)	County Health Rankings (BRFSS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MI Community Health Information)
		Site:	CHR	MDHHS	CHR	MDHHS	MDHHS-MDCH	MDHHS-MDCH	MDHHS-MDCH	MDHHS-MDCH	MDHHS-MDCH	MDHHS-MDCH	MDHHS-MDCH	MDHHS-MDCH
		Source Notes:	2014 Percent of adults reporting fair or poor health (age-adjusted)	2012-2014 Percent of adults who reported that their health, in general, was either fair or poor	2014 Average number of physically unhealthy days reported in past 30 days (age-adjusted)	2012-2014 Percent of adults with poor physical health on at least 14 days in the past month	2014 Number of resident discharges divided by total resident population x 100,000	2014 Number of resident discharges divided by total resident population x 100,000	2014 Number of resident discharges divided by total resident population x 100,000	2014 Number of resident discharges divided by total resident population x 100,000	2014 Number of resident discharges divided by total resident population x 100,000	2014 Number of resident discharges divided by total resident population x 100,000	2014 Number of resident discharges divided by total resident population x 100,000	2014 Number of resident discharges divided by total resident population x 100,000

NOTES
- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.
- Blank cells indicate value is not available
- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

		Cancer Diagnosis (all causes)	Breast Cancer Incidence	Colon Cancer Incidence	Lung Cancer Incidence	Kidney Disease Diagnosis	Diabetes Diagnosis	Diabetes Diagnosis Medicare Beneficiaries	Hypertension Diagnosis	Angina or Coronary Heart Disease Diagnosis	Stroke Diagnosis	Heart Attack Diagnosis	Chronic Obstructive Pulmonary Disease (COPD) Diagnosis	Currently Have Asthma	Arthritis Diagnosis
Indicator Category		HEALTH OUTCOMES (cont.)													
Indicator Sub-Category		Conditions/ Diseases													
Benchmarks	US							27%							
	State	12%	121.8	40.8	68.0	3%	10%	30%	29%	5%	3%	5%	8%	11%	32%
	CHR														
Geography															
Indicator value	Wayne County		129.6	48.2	81.0			37%	30%						
	Oakland County	12%	132.4	40.1	62.1	3%	9%	31%	26%	5%	3%	4%	7%	11%	28%
	Macomb County	12%	126.0	42.3	72.5	3%	9%	33%	30%	6%	5%	5%	10%	11%	30%
	Wayne Co ex Detroit	13%				4%	10%			4%	3%	6%	9%	11%	32%
	Detroit City	7%				4%	15%				5%	5%	12%	16%	32%
Source:		MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MI Community Health Information)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	CMS Chronic Condition Warehouse	BRFSS (CDC/PHSIPO)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)
Site:		MDHHS	MDHHS-MDCH	MDHHS-MDCH	MDHHS-MDCH	MDHHS	MDHHS	HIW	HIW	MDHHS	MDHHS	MDHHS	MDHHS	MDHHS	MDHHS
Source Notes:		2012-2014 Percent of adults who reported ever being told by a doctor that they had skin cancer or any other type of cancer	2012-2014 Breast cancer age adjusted incidence rate	2012-2014 Colon cancer age adjusted incidence rate	2012-2014 Lung cancer age adjusted incidence rate	2012-2014 Percent of adults who reported ever being told by a doctor that they had kidney disease	2012-2014 Percent of adults who reported ever being told by a doctor that they had diabetes	2013, Percentage Medicare fee-for-service beneficiaries with diabetes	2006-2012 Percent of adults that report having been diagnosed with high blood pressure (age adjusted)	2012-2014 Percent of adults who reported ever being told by a doctor that they had angina or coronary heart disease	2012-2014 Percent of adults who reported ever being told by a doctor that they had a stroke	2012-2014 Percent of adults who reported ever being told by a doctor that they had a heart attack or myocardial infarction	2012-2014 Percent of adults who reported ever being told by a doctor that they had chronic obstructive pulmonary disease (COPD), emphysema or chronic bronchitis	2012-2014 Percent of adults who reported that they still had asthma	2012-2014 Percent of adults who reported ever being told by a doctor that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia

NOTES
- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.
- Blank cells indicate value is not available
- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

Indicator Category		HEALTH OUTCOMES (cont.)								
Indicator Sub-Category		Maternal Health								
Indicator		Infant Mortality	Births to Mothers w/ Late or No Prenatal Care (New Birth Certificate)	Births to Mothers Who Smoked During Pregnancy (New Birth Certificate)	Births to Mothers Who Are Foreign Born	Births to Mothers with No Diploma or GED	Medicaid Paid Births	Low Birthweight	Very Low Birth Weight	Preterm Births
Benchmarks	US	6.0	6%	8%	22%	16%	45%	8%	1%	11%
	State	6.9	5%	21%	12%	13%	44%	8%	2%	12%
	CHR							6%		
Geography										
Indicator value	Wayne County	9.7	7%	19%	17%	21%	47%	10%	2%	15%
	Oakland County	6.3	2%	14%	19%	7%	30%	8%	2%	13%
	Macomb County	6.2	3%	19%	16%	10%	37%	8%	2%	12%
	Wayne Co ex Detroit									
	Detroit City									
	Source:	MI Department of Health and Human Services (Division for Vital Records and Health Statistics)	MI Department of Health and Human Services (Division for Vital Records and Health Statistics)	MI Department of Health and Human Services (Division for Vital Records and Health Statistics)	MI Department of Health and Human Services (Division for Vital Records and Health Statistics)	MI Department of Health and Human Services (Division for Vital Records and Health Statistics)	MI Department of Health and Human Services (Division for Vital Records and Health Statistics)	County Health Rankings (National Center for Health Statistics-Natality files)	Centers for Disease Control and Prevention (National Center for Health Statistics)	MI Department of Health and Human Services (Division for Vital Records and Health Statistics)
	Site:	KidsCount	KidsCount	KidsCount	KidsCount	KidsCount	KidsCount	CHR	KidsCount	KidsCount
	Source Notes:	2014 Infant Deaths include deaths of infants up to one year of age. The rate is the number per 1,000 live births	2014 Percent of total live births to mothers who received late or no prenatal care, as defined by the new birth certificate used since July 2007	2014 Percent of total live births to mothers who smoked during pregnancy, as defined by the new birth certificate used since July 2007	2014 Percent of total live births to mothers who are foreign born	2014 Percent of total live births to mothers with no diploma or GED	2014 Percent of total live births paid for by the Medicaid Program	2007-2013 Percentage of live births with low birthweight (< 2500 grams)	2013 Live births weighing less than 1,500 grams (3.4 pounds)	2014 Percent of total live births with less than 37 weeks of gestation

NOTES
- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.
- Blank cells indicate value is not available
- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

Indicator Category	INJURY & DEATH									
Indicator Sub-Category	MI Top 5 Causes of Death	MI Top 5 Causes of Death	MI Top 5 Causes of Death	MI Top 5 Causes of Death	MI Top 5 Causes of Death	Other Injury & Death	Other Injury & Death	Other Injury & Death	Other Injury & Death	Other Injury & Death
Indicator	Heart Disease Death Rate	Overall Cancer Death Rate	Chronic Lower Respiratory Disease (CLRD) Death Rate	Stroke Death Rate	Unintentional Injury Death Rate	Premature Death	Fatal Injuries	Drug Overdose Deaths	Alcohol Impaired Driving Deaths	Motor Vehicle Crash Deaths
Benchmarks US	169.8	163.2	42.1	36.2	39.4	6,600	61.0	14	31%	12
State	199.8	170.5	46.7	36.3	40.1	7,200	64.8	16	30%	10
CHR						5,200		8	14%	9
Geography										
Indicator value Wayne County	293.4	212.8	53.4	41.3	48.2	9,900	80.7	21	25%	10
Oakland County	210.6	178.0	42.8	42.7	27.8	5,800	47.5	9	24%	6
Macomb County	269.2	208.9	54.9	40.2	51.6	7,100	74.3	26	28%	8
Wayne Co ex Detroit										
Detroit City										
Source:	National Vital Statistics System-Mortality (CDC, NCHS)	National Vital Statistics System-Mortality (CDC, NCHS)	National Vital Statistics System-Mortality (CDC, NCHS)	National Vital Statistics System-Mortality (CDC, NCHS)	National Vital Statistics System-Mortality (CDC, NCHS)	County Health Rankings (National Center for Health Statistics-Mortality files)	Health Indicators Warehouse (CDC, NCHS)	County Health Rankings (CDC WONDER)	County Health Rankings (Fatality Analysis Reporting System)	County Health Rankings (CDC WONDER)
Site:	HIW	HIW	HIW	HIW	HIW	CHR	HIW	CHR	CHR	CHR
Source Notes:	2013 Heart disease deaths (per 100,000)	2013 Overall cancer death rate (per 100,000)	2013 Chronic lower respiratory disease (CLRD) deaths (per 100,000)	2013 Stroke deaths (per 100,000)	2013 Injury deaths, unintentional (per 100,000)	2011-2013 Years of potential life lost before age 75 per 100,000 population (age-adjusted)	2013 Injury Rate per 100,000	2012-2014 Number of drug poisoning deaths per 100,000 population	2010-2014 Percentage of driving deaths with alcohol involvement	2007-2013 Number of motor vehicle crash deaths per 100,000 population

NOTES
- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.
- Blank cells indicate value is not available
- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

Beaumont Health
Community Health Needs Assessment Indicators

TRUVEN HEALTH ANALYTICS an IBM Company

Indicator Category		HEALTH BEHAVIORS							
Indicator Sub-Category		Obesity Rate			Activity			Sleep	Nutrition
Indicator		Adult Obesity	Adult Obesity	Adolescents Considered Obese	Physical Inactivity	Physical Inactivity	No Exercise	Insufficient Sleep	Low Daily Fruit / Vegetable Consumption
Benchmarks	US		27%	14%	23%	23%		35%	
	State	31%	31%	13%	24%	23%	22%	38%	77%
	CHR		25%		21%	20%		28%	
Geography									
Indicator value	Wayne County		34%			26%	26%	41%	75%
	Oakland County	27%	26%		20%	20%	18%	35%	74%
	Macomb County	33%	33%		24%	23%	21%	35%	79%
	Wayne Co ex Detroit	30%			23%				
	Detroit City	37%		23%	38%				
Source:		MI Department of Health and Human Services (MiBRFS)	County Health Rankings (CDC Diabetes Interactive Atlas)	Youth Risk Behavior Surveillance System (YRBSS)	MI Department of Health and Human Services (MiBRFS)	County Health Rankings (CDC Diabetes Interactive Atlas)	Health Indicators Warehouse (BRFSS)	County Health Rankings (BRFSS)	Health Indicators Warehouse (BRFSS)
Site:		MDHHS	CHR	CDC	MDHHS	CHR	HIW	CHR	HIW
Source Notes:		2012-2014 Percent of adults that report a BMI >= 30)	2012 Percentage of adults that report a BMI of 30 or more	2013 Survey high school students who were >= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	2012-2014 Percent of adults who reported no leisure time physical activity within the past month.	2012 Percentage of adults aged 20 and over reporting no leisure-time physical activity	2006-2012 Percent of adults 18+ who report no exercise in past month, age adjusted	2014 Percentage of adults who report fewer than 7 hours of sleep on average	2009 Percent of adults that report fewer than 5 servings of fruits/vegetables per day

NOTES

- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.

- Blank cells indicate value is not available

- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

Beaumont Health
Community Health Needs Assessment Indicators

TRUVEN HEALTH ANALYTICS™ an IBM Company

		Indicator Category	HEALTH BEHAVIORS (cont.)										
		Indicator Sub-Category	Tobacco			Alcohol / Drug Abuse			Driving	Sexual Health			
		Indicator	Adult Smoking	Adult Smoking	Adolescents Who Smoked Cigarettes in the Past 30 Days	Adults Engaging in Binge Drinking During the Past 30 Days	Excessive Drinking	Marijuana Use HS students	Seatbelt Use	Births to Teens Under Age 20	Teen Births	HIV Prevalence	Sexually Transmitted Infections
Benchmarks		US		17%			17%	8%			35	350	446.6
		State	22%	21%	12%	19%	20%	18%	89%	7%	29	178	453.6
		CHR		14%			12%				19	41	134.1
		Geography											
Indicator value		Wayne County		22%			18%			10%	43	471	877
		Oakland County	18%	14%		18%	20%		90%	4%	16	173	287
		Macomb County	25%	20%		20%	21%		90%	5%	19	92	293
		Wayne Co ex Detroit	21%				19%		90%				
		Detroit City	31%		3%		17%	17%	86%				
		Source:	MI Department of Health and Human Services (MiBRFS)	County Health Rankings (BRFSS)	Youth Risk Behavior Surveillance System (YRBSS	MI Department of Health and Human Services (MiBRFS)	County Health Rankings (BRFSS)	Youth Risk Behavior Surveillance System (YRBSS	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (Division for Vital Records and Health Statistics)	County Health Rankings (National Center for Health Statistics- Natality files)	County Health Rankings (National HIV Surveillance System)	County Health Rankings (National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention)
		Site:	MDHHS	CHR	CDC	MDHHS	CHR	CDC	MDHHS	KidsCount	CHR	CHR	CHR
		Source Notes:	2012-2014 Percent of adults who reported that they had ever smoked at least 100 cigarettes (five packs) in their life and that they smoke cigarettes now, either every day or on some days	2014 Percentage of adults who are current smokers	2013 Survey high school students who were >= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	2012-2014 Percent of adults who reported binge drinking on at least one occasion within the past month	2014 Percentage of adults reporting binge or heavy drinking.	2013 Survey high school students who were >= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)	2012-2014 Percent of adults who reported always using a seatbelt when driving or riding in a car	2014 Percent of total live births to teens under age 20	2007-2013 Number of births per 1,000 female population ages 15-19	2012 Number of persons living with a diagnosis of human immunodeficiency virus (HIV) infection per 100,000 population	2013 Number of newly diagnosed chlamydia cases per 100,000 population

NOTES
- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.
- Blank cells indicate value is not available
- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

Beaumont Health
Community Health Needs Assessment Indicators

TRUVEN HEALTH ANALYTICS™
an IBM Company

Indicator Category		MENTAL HEALTH					
Indicator Sub-Category		Mental Health					
Indicator		Population to Mental Health Provider Ratio	Poor Mental Health Days	Depression	Suicide Rate	Social Associations	Lack of Social and Emotional Support
Benchmarks	US	490			12.5	9.0	
	State	450	13%	21%	12.5	10.2	20%
	CHR	370				22.1	14%
Geography							
Indicator value	Wayne County	418			11.4	7.5	26%
	Oakland County	328	11%	18%	12.6	7.9	17%
	Macomb County	632	12%	19%	13.4	5.8	20%
	Wayne Co ex Detroit		12%	19%			
	Detroit City		18%	22%			
Source:		County Health Rankings (CMS, National Provider Identification Registry)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	NVSS-M (CDC, NCHS)	County Health Rankings (County Business Patterns)	Health Indicators Warehouse (BRFSS)
Site:		CHR	MDHHS	MDHHS	HIW	CHR	HIW
Source Notes:		2015 Ratio of population to one mental health provider	2012-2014 Percent of adults with poor mental health on at least 14 days in the past month	2012-2014 Percent of adults who reported ever being told by a doctor that they had a depressive disorder including depression, major depression, dysthymia, or minor depression	2011 - 2013 Number of deaths due to suicides per 100,000. age adjusted	2013 Number of membership associations per 10,000 population	2006-2012 Percent of adults 18 years and over who report not receiving sufficient social-emotional support (age adjusted)

NOTES
- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.
- Blank cells indicate value is not available
- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

Beaumont Health
Community Health Needs Assessment Indicators

TRUVEN HEALTH ANALYTICS™ an IBM Company

Indicator Category				ACCESS TO CARE							
Indicator Sub-Category			Insurance Coverage			Cost		Primary Care		Dental Care		Care Management
Indicator			No Health Care Coverage	Uninsured Adults	Uninsured Children	Health Care Costs	No Health Care Access due to Cost	Population to Primary Care Physician Ratio	Population to Other Primary Care Providers Ratio	Population to Dentist Ratio	No Dental Visits in Past Year	Preventable Hospital Stays
Benchmarks	US			20%	8%	$9,541		1,320	1,420	1,540		54
	State		16%	16%	4%	$10,153	15%	1,240	1,342	1,450	32%	59
	CHR			13%	5%	$7,508		1,040	866	1,340		38
Geography												
Indicator value	Wayne County			20%	4%	$11,375		1,528	1,751	1,618		71
	Oakland County		14%	13%	4%	$10,932	13%	662	1,217	981	26%	59
	Macomb County		15%	15%	4%	$11,493	16%	1,734	2,409	1,241	26%	65
	Wayne Co ex Detroit		14%				14%				31%	
	Detroit City		28%				25%				52%	
Source:			MI Department of Health and Human Services (MiBRFS)	County Health Rankings (Small Area Health Insurance Estimates)	County Health Rankings (Small Area Health Insurance Estimates)	County Health Rankings (Dartmouth Atlas of Health Care)	MI Department of Health and Human Services (MiBRFS)	County Health Rankings (Area Health Resource File/American Medical Association)	County Health Rankings (CMS, National Provider Identification Registry)	County Health Rankings (Area Health Resource File/National Provider Identification file)	MI Department of Health and Human Services (MiBRFS)	County Health Rankings (Dartmouth Atlas of Health Care)
Site:			MDHHS	CHR	CHR	CHR	MDHHS	CHR	CHR	CHR	MDHHS	CHR
Source Notes:			2012 - 2014 Percent of adults ages 18-64 who reported having no health care coverage	2013 Percentage of adults under age 65 without health insurance	2013, Percentage of children under age 19 without health insurance	2013 Amount of price-adjusted Medicare reimbursements per enrollee	2012-2014 Percent of adults who reported that in the past 12 months there was a time when they needed to see a doctor but could not due to the cost	2013 Ratio of population to one primary care physician	2015 Ratio of population to one primary care provider other than physicians	2014 Ratio of population to one dentist	2012-2014 Percent of adults who reported that they did not visit a dentist or dental clinic for any reason in the previous year	2013 Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees

NOTES
- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.
- Blank cells indicate value is not available
- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

Indicator Category		PREVENTION								
Indicator Sub-Category		Screenings							Vaccines	
Indicator		Colorectal Cancer Screening	Diabetic Monitoring	Breast Cancer Screening	Prostate Cancer Screening	Cervical Cancer Screening	No Routine Checkup in Past Year	HIV Screening	Flu Vaccine	Pneumonia Vaccine
Benchmarks	US		85%							
	State	69%	86%	49%	46%	77%	31%	41%	57%	68%
	CHR		90%							
Geography										
Indicator value	Wayne County		82%							
	Oakland County	70%	84%	51%	52%	79%	29%	43%	58%	68%
	Macomb County	72%	87%	47%	60%	75%	30%	39%	56%	71%
	Wayne Co ex Detroit	66%		48%	47%	76%	29%	41%	56%	67%
	Detroit City	61%		43%	34%	82%	26%	69%	40%	50%
Source:		MI Department of Health and Human Services (MiBRFS)	County Health Rankings (Dartmouth Atlas of Health Care)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)	MI Department of Health and Human Services (MiBRFS)
Site:		MDHHS	CHR	MDHHS	MDHHS	MDHHS	MDHHS	MDHHS	MDHHS	MDHHS
Source Notes:		2012-2014 Percent of adults age 50 years and older who had Sigmoidoscopy in past 5 years or colonoscopy in past 10 years	2013 Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	2012-2014 Percent of women age 40 years and older who had both a clinical breast exam and mammogram in the previous year	2012-2014 Percent of men age 50 years and older who reported having a PSA in the past year	2012-2014 Percent of women age 18 years and older who had a pap test within the previous three years	2102-2012 Percent of adults who reported not having a routine medical checkup within the past year	2012-2014 Percent of adults who reported ever being tested for HIV	2012-2014 Percent of adults age 65 years and older who reported that they had a flu vaccine during the past 12 months	2012-2014 Percent of adults age 65 years and older who reported that they had ever had a pneumococcal vaccine

NOTES
- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.
- Blank cells indicate value is not available
- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators

Beaumont Health
Community Health Needs Assessment Indicators

TRUVEN HEALTH ANALYTICS™
an IBM Company

		Indicator Category	ENVIRONMENT								
		Indicator Sub-Category	Recreation / Nutrition / Access to Foods				Water	Housing	Air Quality/Pollution	
		Indicator	Access to Exercise Opportunities	Food Environment Index	Limited Access to Healthy Foods	Food Insecurity	Students Eligible for Free or Reduced Priced Lunch	Drinking Water Violations	Severe Housing Problems	Daily Air Pollution	Air Pollution Ozone Days
Benchmarks		**US**	84%	7.2	57%	15%			19%	11.4	
		State	84%	7.1	6%	16%	47%		17%	11.5	3
		CHR	91%	8.3	1%	11%			9%	9.5	
		Geography									
Indicator value		**Wayne County**	94%	6.1	4%	21%	60%	Yes	23%	12.8	10
		Oakland County	94%	7.6	5%	14%	32%	Yes	16%	12.5	6
		Macomb County	93%	7.5	4%	14%	43%	Yes	16%	12.7	8
		Wayne Co ex Detroit									
		Detroit City									
		Source:	County Health Rankings (Business Analyst, Delorme map data, ESRI, & US Census Tigerline Files)	County Health Rankings (USDA Food Environment Atlas, Map the Meal Gap from Feeding America)	County Health Rankings (USDA Food Environment Atlas)	County Health Rankings (Map the Meal Gap)	Michigan Department of Education, Food and Nutrition Services (Office of Nutrition)	County Health Rankings (Safe Drinking Water Information System)	County Health Rankings (Comprehensive Housing Affordability Strategy (CHAS) data)	County Health Rankings (CDC WONDER environmental data)	PHASE (CDC, EPA, CDC/NCEH, CDC and EPA)
		Site:	CHR	CHR	CHR	CHR	KidsCount	CHR	CHR	CHR	HIW
		Source Notes:	2014 Percentage of population with adequate access to locations for physical activity	2012-2013 Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)	2010 Percentage of population who are low-income and do not live close to a grocery store	2013 Percentage of population who lack adequate access to food	2014 Percent of total enrolled K-12 and ungraded special education students who are eligible for free or reduced priced lunch	FY 2013-2014 Indicator of the presence of health-related drinking water violations. Yes indicates the presence of a violation, No indicates no violation	2008-2012 Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities.	2011 Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	2011 Annual number of days with daily 8-hour maximum ozone concentration over the National Ambient Air Quality Standard

NOTES

- Geography specific (county, city, town, etc) indicators were compared to state benchmarks, those indicators that are unfavorable compared to MI state-wide benchmark are color coded red.

- Blank cells indicate value is not available

- CHR benchmark = County Health Rankings Top Performers, the 90th percentile of all US counties. It is not available for all indicators