Executive Summary
Maryland Home Visiting Needs Assessment
Fall 2010

Introduction

Maryland is home to 5.6 million residents including 380,606 children ages 0-4, 370,292 children ages 5-9, and 1.2 million women of childbearing age. There were more than 77,000 births in 2008, the majority (54%) of them to racial/ethnic minority mothers. Although one of the wealthiest States in the nation, Maryland's ranking on a number of key health related indicators varies from best (e.g., income and education) to among the worse (e.g., infant mortality and related risk factors). There are significant pockets of poverty in the State, namely in Baltimore City, on the Eastern Shore and in Western Maryland. Health disparities continue as a widespread problem across Maryland (e.g., the African American infant mortality rate is two to three times the White rate). Last school year, one in four Maryland kindergarteners entered school unhealthy and/or unprepared to learn.

The passage of the Patient Protection and Affordable Care Act (ACA) of 2010 affords Maryland an opportunity to improve access to home visiting programs for vulnerable children and families, and thereby improve social and health outcomes. As a first step to receiving ACA funds, the Maryland Department of Health and Mental Hygiene, Center for Maternal and Child Health conducted a preliminary Home Visiting Needs Assessment in collaboration with the Governor's Office for Children, the Maryland State Department of Education, the Alcohol and Drug Abuse Administration, and the Maryland Family Network. The major purpose of the preliminary needs assessment was to define, identify and prioritize at risk communities in need of home visiting programs and to assess substance abuse treatment capacity.

Maryland Home Visiting Needs Assessment

The Federal ACA Home Visiting guidance required Maryland to conduct a needs assessment to identify communities at risk and in need of home visiting programs. Steps in the needs assessment process included:

- Reviewing data and findings from related needs assessments as required by the guidance;
- Engaging stakeholders through key informant meetings, data sharing and an August 2010 Stakeholder Meeting;
- Collecting statewide and community level data to assist in determining and prioritizing "communities at risk" and
- Conducting surveys to assess current home visiting program capacity.

Communities At Risk: To identify at risk communities, Maryland looked at 15 indicators that put children and families at-risk: prematurity, low birth weight births, infant mortality, late or no prenatal care, teen births, poverty, unemployment, WIC participation, Medicaid participation, child abuse and neglect, domestic violence, school readiness, high school drop-out, crime and substance abuse. Maryland defined elevated risk as a unit (census tract, ZIP code, or jurisdiction) with a rate that was substantially greater than the State average for that

indicator. Rates that were greater than one standard deviation from the mean were considered elevated.

Maryland's analysis identified 368 potential communities at risk (having at least one elevated indicator). However, for the purposes of the needs assessment, Maryland focused on those communities in greatest need. Maryland defined communities at-risk as those with 10 or more elevated indicators. This resulted in a total of 46 communities at-risk, representing six jurisdictions (Baltimore City, Dorchester County, Washington County, Wicomico County, Prince George's County, and Somerset County). **Attachment A** presents the data for the 46 highest risk communities.

Home Visiting Program Capacity Assessment. Maryland has begun to identify the quality and capacity of existing programs/initiatives for early childhood home visiting in the State, including the number and types of programs and the numbers of individuals and families who are receiving services under such programs or initiatives; the gaps in early childhood home visiting in the State, including descriptions of underserved communities where possible; and the extent to which such programs or initiatives are meeting the needs of eligible families. Preliminary results are summarized in Table 1.

Table 1. Federal and State Supported Home Visiting Programs in Maryland by Jurisdiction and Type

Jurisdiction	Healthy Families	Early Head Start	HIPPY	PAT*	NFP	Other
Allegany County	X	X		X		
Anne Arundel Co.		X				
Baltimore City	X	X	X			Healthy Start
Baltimore County	X	X	X			
Calvert County	X		X	X		
Caroline County		X		X		
Carroll County				X		
Cecil County		X				
Charles County	X			X		
Dorchester County	X	X				
Frederick County	X					
Garrett County	X	X		**X**	X	
Harford County		X				
Howard County	X					
Kent County				X		
Montgomery Co.	X	X				
Prince George's Co.	X					
Queen Anne's Co.	X			X		
Somerset County	X			**X**		
Talbot County	X	X				
Washington County	X	X		X		
Wicomico County	X					
Worcester County	X		X	X		

* Note that there are only 2 stand alone PAT programs (Garrett and Somerset Counties as indicated by a red X). All remaining PAT is used as curriculum as part of another home visiting program.

Next Steps - Comprehensive Statewide Home Visiting Plan

The ACA Home Visiting Guidance requires the State to complete a comprehensive Statewide Home Visiting Plan. Based on the analysis of data for each of the 15 indicators or metrics, Maryland grouped the State into four Tiers (**Attachment B**) with Tier 1 containing the communities most at-risk [10 or more indicators]. These communities will receive priority focus for planning and funding during years one and two of the five year grant periods. Communities located in Tiers 2 through 4 will potentially be the focus of planning and funding as additional federal or other sources of home visiting funds become available in future years.

In developing the Comprehensive State Plan, each jurisdiction/region will be asked to create a plan specific to their at-risk communities. This information will identify gaps in services and assist in meeting the needs specific to each local community. As the State moves to action, the goal is to identify gaps in capacity in EVERY jurisdiction so as funding becomes available, Maryland can continue the momentum of assisting families at-risk. This will give the State clear direction on the needs of all communities and drive the course of the Comprehensive State Plan. Development of the Maryland Home Visiting Plan will assist the State in continuing to strengthen coordination of the State's Early Childhood System across State, local, public and private sectors.

The Maryland Children's Cabinet and the Governor's Office for Children are overseeing the development and implementation of the ACA funded home visiting program. Governor Martin O'Malley has designated the Department of Health and Mental Hygiene, Center for Maternal and Child Health as the applicant/administering agency on behalf of the Children's Cabinet. The Children's Cabinet serves as an advisory body for selecting high risk communities in which evidence-based models will be funded.

Jurisdiction	CSA/ Zipcode	Area Name	Percent Preterm[a]	Percent LBW[b]	Infant Mortality Rate[c]	Percent Families in Poverty[d]	Crime Rate[e]	Rate of Protective Orders[f]	Percent HS Drop-outs[g]	Percent Ready to Enter School[h]	Subst Abuse Trtmnt Rate[i]	Percent Unem-ployed[j]	Abuse & Neglect Investig-ation Rate[k]	Percent Late or No PNC[l]	Teen Birth Rate[m]	WIC Partici-pation Rate[n]	Medicaid Enrollment Rate[o]	Total Number of Elevated Indicators[p]
Maryland Avg			11.2	9.3	7.9	9.5	4316.5	77.8	3.0	81.6	7.1	7.0	1.6	4.3	33.0	16.8	112.0	
Baltimore City	1	Irvington	17.7	18.9	30.6	51.1	*	107.7	7.1	64.0	52.6	10.2	8.7	9.8	119.4	51.7	483.8	14
Baltimore City	7	Cherry Hill	20.7	20.7	37.7	59.7	*	107.7	7.1	64.0	37.9	10.2	7.8	8.9	141.7	53.7	396.3	14
Baltimore City	21	Mondawmin	18.9	20.0	23.0	44.1	*	107.7	7.1	64.0	45.4	10.2	5.4	9.9	135.5	48.6	436.6	14
Baltimore City	23	Rosemont	18.8	20.0	27.6	45.7	*	107.7	7.1	64.0	52.6	10.2	5.7	10.6	135.5	51.7	483.8	14
Baltimore City	24	Greenmount	23.8	20.4	20.8	65.9	*	107.7	7.1	64.0	51.6	10.2	10.1	9.1	133.3	67.2	496.5	14
Baltimore City	33	Madison	18.5	16.8	28.7	57.2	*	107.7	7.1	64.0	51.6	10.2	10.1	8.0	137.8	67.2	487.8	14
Baltimore City	45	Pimlico	21.5	18.8	18.2	44.0	*	107.7	7.1	64.0	33.3	10.2	5.3	8.6	99.5	43.3	362.1	14
Baltimore City	47	Sandtown	21.9	20.0	27.6	56.5	*	107.7	7.1	64.0	52.6	10.2	6.2	8.2	200.0	51.7	483.8	14
Baltimore City	51	Southwest	21.2	19.7	32.6	58.8	*	107.7	7.1	64.0	52.6	10.2	9.1	9.3	125.0	51.7	483.8	14
Baltimore City	10	Clifton	23.8	20.4	*	57.2	*	107.7	7.1	64.0	51.6	10.2	10.1	11.5	137.8	67.2	496.5	13
Baltimore City	17	Walbrook	18.6	18.3	29.7	39.9	*	107.7	7.1	64.0	33.3	10.2	*	11.1	124.4	45.0	374.6	13
Baltimore City	30	Oldtown	23.3	25.6	*	68.0	*	107.7	7.1	64.0	51.6	10.2	8.8	8.1	200.0	67.2	487.8	13
Baltimore City	35	Midtown	20.0	20.4	*	65.9	*	107.7	7.1	64.0	45.4	10.2	8.8	7.7	133.3	48.6	436.6	13
Baltimore City	36	Midway	23.8	20.4	29.2	48.8	*	107.7	7.1	64.0	38.1	10.2	6.7	8.5	88.5	*	496.5	13
Baltimore City	42	Patterson Park	18.6	16.8	28.7	48.8	*	107.7	7.1	64.0	51.6	10.2	9.6	*	144.1	67.2	487.8	13
Baltimore City	46	Hollins Market	25.0	19.7	*	61.4	*	107.7	7.1	64.0	52.6	10.2	7.4	7.7	200.0	51.7	483.8	13
Baltimore City	49	Southeastern	18.6	15.9	13.2	71.8	*	107.7	7.1	64.0	23.3	10.2	5.0	*	129.0	44.4	277.6	13
Baltimore City	50	Park Heights	19.4	17.7	18.2	43.8	*	107.7	7.1	64.0	45.4	10.2	5.3	*	99.5	48.6	436.6	13
Baltimore City	53	Upton	21.9	18.3	26.0	65.6	*	107.7	7.1	64.0	52.6	10.2	7.0	*	200.0	51.7	483.8	13
Dorchester	21613	Cambridge	17.6	13.8	31.0	30.4	7124.7	*	*	66.0	28.9	10.7	6.5	9.2	123.9	45.0	315.6	13
Baltimore City	3	Edison	23.8	20.0	29.2	*	*	107.7	7.1	64.0	38.1	10.2	5.6	*	131.1	45.3	496.5	12
Baltimore City	4	Brooklyn	*	13.9	*	50.0	*	107.7	7.1	64.0	37.9	10.2	8.2	10.2	137.3	53.7	396.3	12
Baltimore City	9	Claremont	18.4	*	*	56.9	*	107.7	7.1	64.0	51.6	10.2	5.6	11.5	137.0	67.2	496.5	12
Baltimore City	13	Dorchester	18.6	17.7	*	43.8	*	107.7	7.1	64.0	33.3	10.2	*	14.1	99.5	45.0	374.6	12
Baltimore City	19	Charles Village	20.0	20.4	*	48.8	*	107.7	7.1	64.0	32.9	10.2	6.7	8.0	103.6	*	391.7	12
Baltimore City	43	Penn North	19.4	20.6	*	44.1	*	107.7	7.1	64.0	45.4	10.2	5.4	*	97.6	48.6	436.6	12
Baltimore City	44	Perkins	23.3	25.6	*	68.0	*	107.7	7.1	64.0	51.6	10.2	10.1	*	200.0	67.2	496.5	12
Baltimore City	54	Washington Village	25.0	20.7	*	47.9	*	107.7	7.1	64.0	52.6	10.2	8.7	*	141.7	51.7	483.8	12
Baltimore City	55	Westport	*	20.7	37.7	59.7	*	107.7	7.1	64.0	37.9	10.2	7.8	*	141.7	53.7	396.3	12
Washington	21740	Hagerstown	15.0	13.8	*	46.2	*	115.2	*	73.0	19.1	9.7	11.5	7.9	145.2	42.6	257.5	12
Wicomico	21801	Salisbury	16.6	15.5	16.1	42.3	10730.7	*	5.5	*	30.7	*	5.0	8.4	133.3	42.7	265.7	12
Baltimore City	6	Cedonia	18.0	16.9	22.8	41.3	*	107.7	7.1	64.0	*	10.2	*	*	89.9	45.3	496.5	11
Baltimore City	15	Edmonson Village	20.9	18.3	*	*	*	107.7	7.1	64.0	29.8	10.2	5.0	*	124.4	45.0	374.6	11
Baltimore City	27	Highlandtown	18.6	*	*	39.1	*	107.7	7.1	64.0	23.3	10.2	*	8.7	144.1	44.4	277.6	11
Baltimore City	31	Lauraville	20.6	19.0	26.7	*	*	107.7	7.1	64.0	*	10.2	*	7.3	89.9	45.3	496.5	11
Baltimore City	34	Hampden	20.0	*	*	43.8	*	107.7	7.1	64.0	45.4	10.2	5.1	*	99.5	48.6	436.6	11
Baltimore City	41	Highlandtown	*	*	*	71.8	*	107.7	7.1	64.0	51.6	10.2	7.4	7.7	144.1	67.2	496.5	11
Baltimore City	52	Waverlies	19.1	18.3	*	48.8	*	107.7	7.1	64.0	25.6	10.2	6.7	*	86.2	*	303.6	11
Prince Georges	20785	Hyattsville	17.7	16.5	38.0	33.8	*	109.6	*	68.0	*	*	3.6	22.1	111.9	35.2	259.9	11
Baltimore City	2	Beechfield	20.9	17.4	30.6	*	*	107.7	7.1	64.0	19.0	10.2	*	*	*	39.3	287.8	10
Baltimore City	14	Downtown	25.0	*	*	65.9	*	107.7	7.1	64.0	32.9	10.2	8.8	*	200.0	*	391.7	10
Baltimore City	16	Fells Point	*	*	24.0	*	*	107.7	7.1	64.0	32.9	10.2	*	15.4	200.0	44.4	287.7	10
Baltimore City	20	Govans	*	15.8	*	*	*	107.7	7.1	64.0	25.6	10.2	4.2	7.8	93.1	*	303.6	10
Prince Georges	20706	Lanham	16.3	*	18.4	28.6	6870.1	109.6	*	68.0	*	*	3.6	22.1	70.7	39.5	*	10
Prince Georges	20743	Capitol Heights	17.7	17.4	38.0	25.2	8584.0	109.6	*	68.0	*	*	3.2	14.2	75.2	*	*	10
Somerset	21817	Crisfield	16.3	14.0	19.9	34.6	*	*	*	*	22.8	9.4	6.3	*	74.1	41.1	314.5	10

* indicates that the rate for this indicator did not exceed one standard deviation above the mean

Attachment A1:   Notes for Communities At-Risk

General

Each rate displayed represents the rate of the census tract or zip code with the highest rate within that neighborhood or zip code (or the rate for the jurisdiction for those metrics measured at the jurisdiction level). CSA stands for community statistical area, and represents an aggregation of census tracts that Baltimore City uses to represent neighborhoods for programmatic and analysis purposes. Zip Codes are used in this assessment to represent communities for all other jurisdictions in Maryland.

Indicators

a. Percent Preterm: (# of births <37 weeks gestational age / total births) * 100
   - Years represented: 2004-2008
   - Measured at census tract level
   - Source: MD DHMH, VSA
b. Percent LBW: (# of births <2500 grams / total births) * 100
   - Years represented: 2004-2008
   - Measured at census tract level
   - Source: MD DHMH, VSA
c. Infant Mortality Rate: (# of infant (<1 yr) deaths / total births) * 1,000
   - Years represented: 2004-2008
   - Measured at census tract level
   - Source: MD DHMH, VSA
d. Percent Families in Poverty: (# of families with children (<18 yrs) with incomes below the poverty level / total # of families with children (<18 yrs)) * 100
   - Year represented: 2000
   - Measured at census tract level
   - Source: MDP, US Decennial Census
e. Crime Rate: (total offenses / total population) * 100,000
   - Years represented: 2007-2008
   - Measured at municipality and jurisdiction level
   - Source: MD State Police, Uniform Crime Report
f. Rate of Protective Orders (Domestic Violence): (# of protective and peace order filings / total population) * 10,000
   - Years represented: 2008-2009
   - Measured at jurisdiction level
   - Source: MD Judiciary, MDP population estimates
g. Percent HS Dropouts: (# of high school dropouts / total # of high school students) * 100
   - Years Represented: 2008-2009
   - Measured at jurisdiction level
   - Source: MSDE
h. Percent Ready to Enter School: (# of children entering kindergarten ready to learn / total # of children entering kindergarten) * 100
   - Year Represented: 2009-2010 School Year
   - Measured at jurisdiction level
   - Source: MSDE
i. Substance Abuse Treatment Rate: (# of women (15-44 yrs) receiving ADAA-funded treatment for substance abuse / total # of women (15-44 yrs)) * 1,000
   - Years Represented: 2004-2008 (2000 for population)
   - Measured at Zip Code level
   - Sources: MD DHMH, ADAA, MDP US Decennial Census
j. Percent Unemployed: (# of adults seeking employment / # of adults in labor force) * 100
   - Year Represented: 2009
   - Measured at jurisdiction level
   - Source: MDLLR
k. Abuse & Neglect Investigation Rate: (# of indicated and unsubstantiated child abuse and neglect investigations / total population) * 1,000
   - Years Represented: 2006-2009 (2000 for population)
   - Measured at census tract level
   - Sources: MD DHR, US Census Bureau
l. Percent Late or No PNC: (# of births to women receiving late (3rd trimester) or no prenatal care / total births) * 100
   - Years represented: 2004-2008
   - Measured at census tract level
   - Source: MD DHMH, VSA
m. Teen Birth Rate: (# of births to adolescents (15-19 yrs) / female population (15-19 yrs)) * 1,000
   - Years represented: 2004-2008 (2000 for population)
   - Measured at census tract level
   - Source: MD DHMH, VSA, US Census Bureau
n. WIC Participation Rate: (# of people enrolled in WIC / total population) * 1,000
   - Years represented: 2005-2009 (2000 for population)
   - Measured at Zip Code level
   - Sources: MD DHMH, FHA, MDP US Decennial Census
o. Medicaid Enrollment Rate: (# of people enrolled in Medicaid / total population) * 1,000
   - Years represented: 2005-2009 (2000 for population)
   - Measured at Zip Code level
   - Sources: MD DHMH, MA, MDP US Decennial Census
p. Total Number of Elevated Indicators: # of indicators with at least one census tract/zip code or entire jurisdiction with a rate >1 standard deviation above the state mean (maximum=15)

Attachment B: Maryland Statewide Home Visiting Needs Assessment At Risk Communities by Tier

Tier 1: Hot Spots – Score: 10-14
(6 jurisdictions had at least one hot spot)

- Baltimore City (by CSA)
    - Irvington, Cherry Hill, Mondawmin, Rosemont, Greenmount, Madison, Pimlico, Sandtown, Southwest, Clifton, Walbrook, Oldtown, Midtown, Midway, Patterson Park, Hollins Market, Southeastern, Park Heights, Upton, Edison, Brooklyn, Claremont, Dorchcester, Charles Village, Penn North, Perkins, Washington Village, Westport, Cedonia, Edmondson Village, Highlandtown, Lauraville, Hampden, Highlandtown, Waverly, Beechfield, Downtown, Fells Point, Govans

- Dorchester County (by census tract overlayed with zip codes)
    - Cambridge

- Washington County (by census tract overlayed with zip code)
    - Hagerstown

- Wicomico County (by census tract overlayed with zip code)
    - Salisbury

- Prince George's County (by census tract overlayed with zip code)
    - Hyattsville, Lanham, Capitol Heights

- Somerset County (by census tract overlayed with zip code)
    - Crisfield

Tier 2 – Warm Spots – Score: 7-9
(9 jurisdictions had at least one warm spot)

- Baltimore County (by census tract overlayed with zip codes)
    - Essex, Dundalk

- Allegany County (by census tract overlayed with zip codes)
    - Cumberland

- Caroline County (by census tract overlayed with zip codes)
    - Federalsburg

- Harford County (by census tract overlayed with zip codes
    - Aberdeen
- Baltimore City: Canton, Dickeyville, Echodale, Howard Park, Violetville, Belvedere, Cheswolde, Falstaff, Hamilton, Federal Hill, Northwood, South, Loch Raven
- Prince George's County: Riverdale, Hyattsville, Bladensburg, Mount Rainier, Suitland, District Heights, Upper Marlboro
- Washington County: Hagerstown
- Dorchester County: Federalsburg, Hurlock
- Wicomico County: Salisbury

Tier 3: Cool Spots – Score: 4-6
(16 jurisdictions had at least one cool spot)

- Anne Arundel County (by census tract overlayed with zip codes)
    - Brooklyn, Severn

- Charles County (by census tract overlayed with zip codes)
    - Indian Head, La Plata

- Worcester County (by census tract overlayed with zip codes)
    - Pocomoke City, Berlin, Snow Hill

- Frederick County (by census tract overlayed with zip codes)
    - Frederick

- Montgomery County (by census tract overlayed with zip codes)
    - Takoma Park, Gaithersburg, Silver Spring

- Cecil County (by census tract overlayed with zip codes)
    - Elkton

- St. Mary's County (by census tract overlayed with zip codes)
    - Park Hall

- Dorchester County: Linkwood, Vienna, Rhodesdale, Church Creek
- Harford County: Edgewood
- Baltimore County: 21206, Gwynn Oak, Halethorpe, Randallstown, 21224, 21229, 21235, Rosedale, Windsor Mill
- Baltimore City: Mt. Washington, Roland Park
- Caroline: Greensboro, Marydel, Denton, Henderson
- Prince George's County: Brentwood, Fort Washington, Oxon Hill, temple Hills, Greenbelt, Upper Marlboro, Beltsville, Clinton, College Park, Brandywine, Cheltenham, laurel, Bowie
- Somerset: Eden, Princess Anne
- Washington: Smithsburg, Cascade, Sabillasville, Williamsport
- Wicomico: Eden, Delmar, Fruitland

Tier 4: Rest of State – Score: 0-3

- Garrett County
- Talbot County
- Kent County
- Queen Anne's County
- Calvert County
- Howard County
- Carroll County