

2015 Annual Report Supporting Data Operational Definitions					
Women's Health					
Name	Operational Definitions	2015 Numerator	2015* Denominator	Data Source	Calendar Year Comparison
Pre-pregnancy Body Mass Index					
Underweight	% of Hamilton County women who had a live birth during the specified calendar year and reported their Pre-pregnancy BMI (kg/m ²) as <18.5	380	10889	VS	2015 v 2010-2014
Obese	% of Hamilton County women who had a live birth during the specified calendar year and reported their Pre-pregnancy BMI (kg/m ²) as ≥30	2825	10889		
Sexually Transmitted Infection (STI) Rates	% of Hamilton County women who had live births during the specified calendar year and reported having an STI infection of syphilis (S), gonorrhea (G) or chlamydia (C), or having been treated for an STI infection sometime during their most recent pregnancy (3 separate data points)	S 88 G 143 C 527	S 10890 G 10835 C 10451	VS	2015 v 2010-2014
Unintentional Pregnancy	% of Hamilton County women who had a live birth during the specified calendar year and reported wanting to be Pregnant Later or who Did Not Want to Be Pregnant Then or At Any Time	306 (2009-11)	599 (2009-11)	PRAMS	2009-2011
Inadequately Spaced Pregnancy					
<12 month interpregnancy interval	% of Hamilton County women who had a live birth during the specified calendar year and spaced their pregnancies (from previous delivery to conception of the most recent baby) less than 12 months Interpregnancy Interval = [Interbirth Interval-Gestation Age of Next Baby]	1078	6417	VS	2015 v 2010-2014
<18 month interpregnancy interval	% of Hamilton County women who had a live birth during the specified calendar year and spaced their pregnancies (from previous delivery to conception of the most recent baby) less than 18 months Interpregnancy Interval = [Interbirth Interval-Gestation Age of Next Baby]	2030	6417		
Mental Health					
Unhealthy Days	% of Hamilton County women who reported having had 8 or more days experiencing stress, depression, and problems with emotions in the past 30 days	254 (2013)	1123 (2013)	CHSS	2013 v 2010
Depression	% of Hamilton County women who reported having been told by a doctor or other health care provider that she had depression	283 (2013)	1127 (2013)		
Substance Abuse Rates					
Smoking	% of Hamilton County women who identified as being current smokers	288 (2013)	1125 (2013)	CHSS	2013 v 2010
Excessive Drinking	% of Hamilton County women who reported having four or more drinks on one	179	1130	CHSS	

	occasion (binge drinking) in the past 30 days.	(2013)	(2013)		2013 v 2010
COMMUNITY HEALTH					
Housing					
Renters	% of occupied housing units that are renter-occupied	146,049 (2014)	335,137 (2014)	ACS	2014 v 2010-2014
Vacancy	% of vacant housing units in Hamilton County, which is the total existing housing units subtracted by the occupied housing units.	41,806 (2014)	376,943 (2014)		
Reported neighborhood housing conditions as fair or poor	% of Hamilton county residents who responded to rating the conditions of the houses and apartments in their neighborhood as fair or poor	479 (2013)	2148 (2013)	CHSS	2013 v 2010
Reported lacking the ability to purchase healthy foods in current neighborhood	% of Hamilton county residents who responded to, is it easy to purchase healthy foods in your neighborhood such as whole grain foods, low fat options and fruits and vegetables- do you agree or disagree?	302 (2013)	2149 (2013)	CHSS	2013 v 2010
Transportation					
Reported no vehicle availability in household	% of Hamilton County residents with occupied housing, reporting no vehicle availability. In ACS, under Selected Housing Characteristics, reported under Vehicles Available for Occupied housing units.	44,462 (2014)	335,137 (2014)	ACS	2014 vs 2010-2014
*Denominators vary based on missing and unknown data points					

Pregnancy Health					
Name	Operational Definitions	2015 Numerator	2015* Denominator	Data Source	Comparison
Preterm Birth Rate					
<37 Weeks	Rate of live preterm births less than 37 weeks, includes all weeks up to and including week 36	1159	10971	VS	2015 v 2010-2014
<32 Weeks	Rate of live very preterm births less than 32 weeks, includes all weeks up to and including week 31	232	10971		
<23 Weeks	Rate of preivable births less than 23 weeks gestation, includes all weeks up to and including week 22	41	10971		
Prenatal Care					
Accessed Care in 1 st Trimester	% of Hamilton County women who had a live birth during the specified calendar year and reported initiating prenatal care in their first trimester	7385	10947	VS	2015 v 2010-2014
Accessed Care in 3 rd Trimester	% of Hamilton County women who had a live birth during the specified calendar year and reported initiating prenatal care in their third trimester	420	10947	VS	2015 v 2010-2014
No Prenatal Care	% of Hamilton County women who had a live birth during the specified calendar year and reported receiving no prenatal care	491	10947	VS	2015 v 2010-2014
Maternal Smoking Rates	% of Hamilton County women who had a live birth during the specified calendar year and reported cigarette smoking during their 2nd or 3rd trimester	1015	10956	VS	2015 v 2010-2014
Maternal Drug Exposure	% of mothers who gave birth in a Cincinnati Regional Hospital (Bethesda North, Christ, Good Samaritan, Mercy Hospital Anderson, Mercy Hospital Fairfield, Mercy Hospital West, or University Hospital) who tested positive at the time of birth for prescribed or illicit substances including marijuana, cocaine, hallucinogens or narcotics including heroin, methadone, buprenorphine, or other opioid substance.	1180	17555	Cincinnati Children's Perinatal Institute	2015 v 2010-2014
Previous Preterm Births	% of Hamilton County women who had a live birth during the specified calendar year and reported that they previously had a child born at <37 weeks gestation	815	10978	VS	2015 v 2010-2014
Chronic Illness or Co-Morbid Conditions					
Gestational Diabetes	% of Hamilton County women who had a live birth during the specified calendar year and were diagnosed with gestational diabetes during their pregnancy	943	10978	VS	2015 v 2010-2014
Hypertension	% of Hamilton County women who had a live birth during the specified calendar year and were diagnosed with pregnancy induced hypertension, gestational hypertension, or eclampsia	1497	10978		

Infant Health

Name	Operational Definitions	2015 Numerator	2015* Denominator	Data Source	Comparison
Breastfeeding Rates	% of Hamilton County women who had a live birth during the specified calendar year and reported at hospital discharge that they were breastfeeding	7327	10872	VS	2015 v 2010-2014
Postpartum Checkup	% of Hamilton County women who had a live birth during the specified calendar year and reported having a postpartum checkup for themselves, since their baby was born. (A postpartum checkup is the regular checkup a woman has about 6 weeks after she gives birth.)	529 (2009-11)	594 (2009-11)	PRAMS	2009-2011
Postpartum Depression	% of Hamilton County women who had a live birth during the specified calendar year and reported either sometimes, often or always feeling down, depressed or sad since their baby was born	269 (2009-11)	587 (2009-11)	PRAMS	2009-2011
Multiple Births	% of births reported as multifetal (twins, triplets, etc) during the specified calendar year	432	10978	VS	2015 v 2010-2014
Birth Defect/ Congenital Anomaly Deaths	The rate of infants who have died before their first birthday due to congenital anomalies	20	10978	FIMR	2015 v 2010-2014
Unsafe Sleep Deaths	The rate of infants who have died before their first birthday due to an unsafe sleep environment	14	10978	FIMR	2015 v 2010-2014

***Denominators vary based on missing and unknown data points**

Hamilton County Resident Definition	
Live Birth of an Infant	Mother of child's place of residence was in Hamilton County at time of birth
Infant Death	Residence of the infant in Hamilton County at the time of death regardless of birth location or location of infant death

Data Sources	What is it	Abbreviations
Vital Statistics	The legal records collected by the Ohio Department of Health, Office of Vital Statistics, are the data source for many important statistical measures used in public health and also reported to the National Center for Health Statistics (NCHS)	VS
Pregnancy Risk Assessment Monitoring System	PRAMS is a surveillance project of the Centers for Disease Control and Prevention (CDC) and state health departments. PRAMS collects state-specific, population-based data on maternal attitudes and experiences before, during, and shortly after pregnancy	PRAMS
Greater Cincinnati Community Health Status Survey	CHSS is a survey conducted every 3-5 years by Interact for Health and the Institute for Policy Research at the University of Cincinnati. The survey allows for an in-depth look at the self-reported health of Tristate residents.	CHSS
American Community Survey	The American Community Survey (ACS) is an ongoing survey that provides data every year -- giving communities the current information they need to plan investments and services.	ACS
Cincinnati Hamilton County Fetal Infant Mortality Review	Fetal and Infant Mortality Review (FIMR) is an action-oriented community process that continually assesses monitors and works to improve service systems and community resources for women, infants and families.	FIMR