

Health behaviors of women of child bearing age during pre-conception and pregnancy can impact child birth outcomes. In Pasco County, health behaviors of excess binge drinking during pre-conception and reports of smoking tobacco during pregnancy are a concern with rates exceeding that of the state.

Among children in Pasco we have a high number of children in foster care compared to the state that may impact the socio-emotional development of children and our children experience much higher rates of motor vehicle injuries.

Figure 1: Select Characteristics, Women of Child Bearing Age

Measure	Rate Type	Year(s)	County Quartile	County	County	State
			1=most favorable 4=least favorable	Number (Average)	Rate	Comparison
<b>Socio-Demographic Characteristics</b>						
Total female population ages 15-44	Count	2014		83,223		3,622,709
White female population ages 15-44	Count	2014		72,260		2,667,277
Black female population ages 15-44	Count	2014		5,796		730,788
Other female population ages 15-44	Count	2014		5,167		224,644
Hispanic female population ages 15-44	Count	2014		14,026		1,019,513
Non-Hispanic female population ages 15-44	Count	2014		69,197		2,603,196
<b>Birth Family Characteristics</b>						
Births to mothers ages 15-19	Per 1,000 females 15-19	2012-14	1st Quartile	322	23.9	24.3
Repeat births to mothers ages 15-19	Percent of births 15-19	2012-14	2nd Quartile	48	14.8%	16.6%
Births to mothers >35	Per 1,000 females > 35	2012-14	3rd Quartile	516	3.4	4.6
Total births to unwed mothers	Percent of births	2012-14	1st Quartile	2,148	44.9%	47.9%
Births among unwed mothers ages 15-19	Percent of births 15-19	2012-14	3rd Quartile	293	91.0%	91.2%
Births among unwed mothers ages 20-54	Percent of births 20-54	2012-14	1st Quartile	1,851	41.5%	44.8%
Births with father acknowledged on birth certificate	Percent of births	2012-14	1st Quartile	4,191	87.6%	85.8%
Births to mothers >18 without high school education	Percent of births > 18	2012-14	2nd Quartile	494	10.7%	12.3%
Births to mothers born in other countries	Percent of births	2012-14	2nd Quartile	694	14.5%	30.3%

Birth family characteristics in Pasco are similar to the state averages in most areas. The rate of births to mothers ages 15-19 per 1,000 females for Pasco 23.9 and the state rate is 24.3. Pasco falls below the states 16.6% repeat births for the same age group at 14.8%. Births to mothers that are older than 35 is 3.4 per 1,000 females in Pasco verses the state rate of 4.6. In Pasco 44.9% of births are by unwed mothers falling lower than the state percentage of 47.9%. When age of the mother is considered 91% of Pasco mothers between the age of 15-19 are unwed at the time of birth compared to mothers ages 20-54 at 41.5%. The state percentages are 91.2 and 44.8 for those respective age groups. In Pasco 87.6% of births have the father acknowledged on the birth certificate verses the state at 85.8%. Pasco births to mothers without a high school diploma falls at 10.7% slightly below the states 12.3%.

Figure 2: Health and Behaviors, Women of Child Bearing Age

Measure	Rate Type	Year(s)	County Quartile 1=most favorable 4=least favorable	County Number (Average)	County Rate	State Comparison
<b>Pre-conception Health and Behaviors</b>						
Females >17 who engage in heavy or binge drinking	Percent of females > 17	2013	4th Quartile		18.1%	12.2%
Women 15-34 with sexually transmitted diseases	Per 100,000 females 15-34	2014	1st Quartile	835	1577.4	2574.6
Females >17 who are current smokers	Percent of females > 17	2013	3rd Quartile		22.0%	14.4%
Births to underweight mothers at time pregnancy occurred	Percent of births	2012-14	4th Quartile	610	12.8%	11.1%
Births to overweight mothers at time pregnancy occurred	Percent of births	2012-14	2nd Quartile	1,150	24.0%	24.0%
Births to obese mothers at time pregnancy occurred	Percent of births	2012-14	2nd Quartile	1,034	21.6%	21.1%
Births with inter-pregnancy interval <18 months	Percent of births	2012-14	3rd Quartile	1,078	37.1%	34.7%
<b>Pregnancy and Health Behaviors</b>						
Births to mothers who report smoking during pregnancy	Percent of births	2012-14	3rd Quartile	693	14.5%	6.5%

Pre-conception health and behaviors in Pasco are less favorable than state averages in most areas. In Pasco 18.1% of females older than 17 engage in heavy or binge drinking compared to the state average of 12.2%. Pasco women age 15-34 experience less sexually transmitted diseases with a county rate of 1577.4 per 100,000 compared to the state rate of 2574.6. Pasco matches the state for the percent of births to overweight mothers at the time pregnancy occurred. However we exceed the state for both the percentage of births to underweight and obese mothers at the time pregnancy occurred. In Pasco 37.1%, versus the states 34.7%, of births have an inter-pregnancy interval of less than 18 months.

Pasco has more than double the number of mothers who report smoking during pregnancy. In Pasco 14.5% of births occur to mothers who smoked during pregnancy compared to 6.5% for the state.

Figure 3: Access to Services

Measure	Rate Type	Year(s)	County Quartile	County	County	State
			1=most favorable 4=least favorable	Number (Average)	Rate	Comparison
<b>Access to Services</b>						
<b>Pregnancy</b>						
Births with 1st trimester prenatal care	Percent of births w/ known PNC	2012-14	1st Quartile	3,746	82.2%	79.8%
Births with late or no prenatal care	Percent of births w/ known PNC	2012-14	1st Quartile	161	3.5%	5.0%
Births with adequate prenatal care (Kotelchuck index)	Percent of births w/ known PNC	2012-14	1st Quartile	3,430	75.2%	69.7%
Births to uninsured women ("self-pay" checked on birth certificate)	Percent of births	2012-14	2nd Quartile	88	1.8%	7.1%
Births covered by Medicaid	Percent of births	2012-14	2nd Quartile	2,538	53.0%	50.9%
C-section births	Percent of births	2012-14	4th Quartile	1,836	38.4%	37.7%

Among women with known prenatal care status in Pasco, 82.2% of births were to women who received care in their first trimester versus the states 79.8%. In Pasco 3.5% of births with a known status received late or no prenatal care versus the states 5.0%. Using the Kotelchuck index, 75.2% of Pasco births had adequate prenatal care versus the states 69.7%. In Pasco 1.8% of births are to uninsured women versus 7.1% in the state. In Pasco 53% of births are covered by Medicaid versus the states 50.9%. C-sections happen in 38.4% of Pasco births and 37.7% of births statewide.

Figure 4: Select Characteristics, Infants (under 1)

Measure	Rate Type	Year(s)	County Quartile	County	County	State
			1=most favorable 4=least favorable	Number (Average)	Rate	
<b>Socio-Demographic Characteristics</b>						
Total births	Per 1,000 population	2014		4,826	10.0	11.2
White births	Per 1,000 white population	2014		4,268	9.8	10.3
Black births	Per 1,000 black population	2014		314	11.9	15.0
Other nonwhite births	Per 1,000 other nonwhite	2014		221	9.3	12.7
Hispanic births	Per 1,000 Hispanic	2014		748	11.8	13.2
Non-Hispanic births	Per 1,000 non-Hispanic	2014		4,069	9.7	10.6
<b>Social-emotional Development</b>						
Infants in foster care	Per 1,000 population < 1	2012-14	4th Quartile	116	24.6	12.0
<b>Health and Safety</b>						
Mothers who initiate breastfeeding	Percent	2012-14	2nd Quartile	3,734	78.1%	82.6%
<b>Injuries and Injury-related Deaths</b>						
Hospitalizations for all non-fatal unintentional injuries <1	Per 100,000 population < 1	2012-14	2nd Quartile	11	226.1	284.8
Hospital/ER treated non-fatal unintentional falls <1	Per 100,000 population < 1	2012-14	3rd Quartile	214	4536.5	4439.7
Hospitalizations for non-fatal traumatic brain injuries <1	Per 100,000 population < 1	2012-14	2nd Quartile	7	148.4	180.5
Child passengers <1 injured or killed in motor vehicle crashes	Per 100,000 population < 1	2012-14	4th Quartile	29	621.8	377.4

In Pasco County the number of infants in foster care more than double the state rate. The rate per 1,000 children under the age of 1 in Pasco in foster care is 24.6 compared to the state rate of 12.0. The percent of mothers who initiate breastfeeding in Pasco is less than that of the state with 78.1% of Pasco moms initiating breastfeeding compared to the states 82.6%. Pasco children under the age of 1 experience unintentional fall and motor-vehicle crashes at a higher rate than the state averages. Pasco fares slightly better than the state in regards to hospitalizations for non-fatal unintentional injuries at 226.1 per 100,000 population and non-fatal traumatic brain injuries at 148.4 per 100,000 as compared to the state rates of 284.8 and 180.5 per 100,000 respectively. Non-fatal unintentional falls happen at a rate of 4536.5 per 100,000 for children under 1 in Pasco compared to the state at 4439.7. In Pasco children under 1 are injured or killed in motor vehicle crashes at a rate of 621.8 per 100,000 compared to the state at 377.4.

Figure 5: Select Characteristics, Children (Ages 1-5)

Measure	Rate Type	Year(s)	County Quartile	County	County	State Comparison
			1=most favorable 4=least favorable	Number (Average)	Rate	
<b>Socio-Demographic Characteristics</b>						
<b>Population by Race/Ethnicity</b>						
Total population ages 1-5	Count	2014		27,201		1,113,212
White population ages 1-5	Count	2014		22,456		769,447
Black population ages 1-5	Count	2014		2,174		251,437
Other population ages 1-5	Count	2014		2,571		92,328
Hispanic population ages 1-5	Count	2014		6,061		344,127
Non-Hispanic population ages 1-5	Count	2014		21,139		769,085
<b>Poverty</b>						
Kindergarten children eligible for free/reduced lunch	Percent of KG students	2014	2nd Quartile	16,986	55.2%	61.8%
<b>Social-emotional Development</b>						
Children ages 1-5 in foster care	Per 1,000 population 1-5	2012-14	4th Quartile	312	11.7	6.0
Children ages 1-5 receiving mental health treatment services	Per 1,000 population 1-5	2009-11	3rd Quartile	288	11.2	11.0

For children between the ages of 1 and 5 Pasco exceeds the state rate for the number of children in foster care, with Pasco's rate per 1,000 falling at 11.7 compared to the state rate of 6. Pasco is similar to the state rate for the number of children ages 1-5 that receive mental health treatment services at 11.2 per 1,000 for Pasco and 11 for the state.

Figure 6: Access to Service, Children (Ages 1-5)

Measure	Rate Type	Year(s)	County Quartile 1=most favorable 4=least favorable	County Number (Average)	County Rate	State Comparison
<b>Potentially Avoidable Hospitalizations</b>						
Asthma hospitalizations ages 1-5	Per 100,000 population 1-5	2012-14	2nd Quartile	176	662.8	854.4
<b>Immunizations</b>						
Two-year olds fully immunized	Percent of 2-yr olds	2014			79.4%	85.7%
Kindergarten children fully immunized	Percent of KG students	2014	2nd Quartile	4,985	95.4%	93.3%
<b>Early Learning</b>						
Children in School Readiness programs (subsidized child care)	Per 1,000 population < 13	2012-14	3rd Quartile	5,391	75.9	77.7
Children participating in voluntary pre-K programs	Percent of 4-yr olds	2014	3rd Quartile	1,254	23.3%	25.5%
Children ages 3-5 with disabilities receiving pre-K services	Per 1,000 population 3-5	2014	2nd Quartile	569	34.7	32.9
<b>Health and Safety</b>						
WIC children >=2 who are overweight or obese	Percent of WIC children >= 2	2014	2nd Quartile		26.2%	26.7%
<b>Injuries and Injury-related Deaths</b>						
Unintentional injury deaths ages 1-5	Per 100,000 population 1-5	2012-14	3rd Quartile	3	10.0	10.1
Hospitalizations ages 1-5 for all non fatal unintentional injuries	Per 100,000 population 1-5	2012-14	1st Quartile	26	96.7	151.3
...Near drownings	Per 100,000 population 1-5	2012-14	3rd Quartile	3	10.0	13.2
...Traumatic brain injuries	Per 100,000 population 1-5	2012-14	1st Quartile	7	25.1	37.9
Hospital/ER treated non fatal unintentional poisonings ages 1-5	Per 100,000 population 1-5	2012-14	2nd Quartile	104	391.7	401.7
...Unintentional falls	Per 100,000 population 1-5	2012-14	2nd Quartile	1,375	5178.4	5049.0
Child passengers ages 1-5 injured or killed in motor vehicle crashes	Per 100,000 population 1-5	2012-14	4th Quartile	128	482.1	284.8

Access to services is depicted among 1-5 year olds through potentially avoidable hospitalizations, immunization rates and participation in early learning. The rate of potentially avoidable asthma hospitalizations among children ages 1-5 in Pasco is 662.8 per 100,000 compared to the state at 854.4. Two-year olds who are fully immunized in Pasco is 79.4% and falls lower than the state rate of 85.7%. By the time Pasco children reach Kindergarten 95.4% of them are fully immunized compared the states 93.3%. The rate of Pasco children participating in school readiness programs is 75.9 per 1,000 versus the state rate of 77.7 per 1,000. In Pasco 23.3% of 4-year olds participate in pre-K compared to the states 25.5%. The rate of children ages 3-5 with disabilities receiving pre-K services in Pasco is 34.7 per 1,000, similar to the state rate of 32.9.

Health and Safety indicators in children ages 1-5 in Pasco fair slightly better than state rates. The percent of WIC children 2-5 years old in Pasco who are considered obese is 26.2% versus the state rate of 26.7%. Unintentional injury deaths for children ages 1-5 in Pasco is 10 per 100,000 versus the state rate of 10.1. Hospitalizations for the same ages in Pasco for non-fatal unintentional injures is 96.7 per 100,000 versus the state rate of 151.3. The rate of near drowning's in Pasco is 10 versus the states rate of 13.2 per 100,000. Traumatic brain injuries in Pasco occur at a rate of 25.1 per 100,000 compared to the state rate of 37.9. Hospital/ER treated non-fatal unintentional poisonings occur at a rate or 391.7 per 100,000 compared to 401.7 per 100,000. Unintentional falls for children ages 1-5 is slightly higher at 5178.4 per 100,000 versus the state rate at 5049. Motor vehicle crashes affect this age group as well with child passenger's ages 1-5 being injured or killed in motor vehicle crashes at a rate of 482.1 per 100,000 compared to the state rate of 284.8.

**Notes**

Population - Rates calculated using July 1 population estimates from the Florida Legislature, Office of Economic and Demographic Research. The population data for 2001-2010, along with rates affected by the population data, has been updated on Florida CHARTS. Following a census, it is customary to revise population projections for the intercensal years based on information from the latest census. Revising the population data from what was predicted to actual estimates ensures accurate accounting of the racial, ethnic, and gender distribution of the population. These changes affect the population data and rates calculated for your community

Year - Time periods include single calendar years (ex. 2013) and three-year averages (ex. 2010-12).

Quartiles - Quartiles in this report allow you to compare health data from one county to another in the state. Quartiles are calculated by ordering a rate from most favorable to least favorable by county and dividing the list into 4 equal-size groups. In this report, a low quartile number (1) always represents more favorable health situations while fours (4) represent less favorable situations. Blanks in this column indicate that not enough data was available to calculate a quartile or that a quartile calculation was not appropriate (i.e. population counts).

Counts - Counts for indicators displaying a 3-year rate are an average count of events over 3 years, NOT a sum. Blank spaces in this column indicate that no count is available for the indicator. A count of "<2" indicates an average of less than 2 events per year over a 3 year period.

Rates - Rates are frequently used when numbers are too small to use percent (per 100). For example, Florida's birth rate of 4.8 per 1000 females over age 35 would be the same as saying that 0.48% of females over age 35 had babies. Rates are typically expressed per 1000, per 10,000 or per 100,000, depending on how rare an event is. Rates based on fewer than 5 events over a 3 year period are marked as unFigure (U). When the rates are based on only a few cases or deaths, it is almost impossible to distinguish random fluctuation from true changes in the underlying risk of disease or injury. Therefore comparisons over time or between communities that are based on unFigure rates can lead to erroneous conclusions about differences in risk which may or may not be valid.

1 Includes women with reported cases of chlamydia, gonorrhea, and infectious syphilis.

2 Underweight = BMI of 18.5 or less.

3 Overweight = BMI between 25.0 and 29.9.

4 Obese = BMI of 30 or more.

5 May underestimate actual percent of births paid for by Medicaid.

6 Hospital/ER treated includes both hospital inpatient and Emergency Department treatment.

7 Event count includes crashes in Florida, regardless of residence of the driver. Denominator is Florida resident population.

8 Rate not available for all counties.