





Orange County & Pine Hills Community Preventable Infant Deaths, 2009-2013


Evidence: Causes & Solutions

Product of Orange County Equity Taskforce in partnership with CityMatCH

Orange County Facts[†]








-  From 2009-2013 in Orange County, there were on average **109** annual infant deaths.
-  Compared to the reference group^α, **42** of these average annual deaths are preventable.

How could these infant deaths been prevented?

-  Countywide, very preterm births (<32 weeks gestation) accounted for **54%** of excess infant mortality, **48%** among low socioeconomic status (SES) mothers, and **56%** among mothers who are not white non-Hispanic.

Over half of Orange County's excess infant mortality is due to very preterm birth. Preventing preterm births often means improving the health of mothers before or soon after conception, including addressing social inequities and access to medical care.

Pine Hills (Zip Codes: 32808 & 32818) is a community that is disproportionately affected by health risk factors among women, inadequate prenatal care, and prematurity:

-  In 2010, had an estimated 24,149 women of childbearing age (15-49 years).[‡]
-  From 2009-2013, averaged 1,573 births annually.[†]
-  In 2013, 23% of individuals lived below poverty level.[‡]
-  From 2009-2013, 3.6% of all births were very preterm compared to 1.5% in the reference group.^{†α}
-  In 2013, 26% of people did not have health insurance.[‡]
-  15% of mothers received inadequate prenatal care from 2009-2013.[†]
-  From 2009-2013, 50% of mothers had a pre-pregnancy body mass index (BMI) of greater or equal to 25 kg/m².[†]

Making an Impact in Pine Hills: Evidence to Focus Efforts on “Best Bets”

Risk Factor for Preterm Birth	This factor is more common in Pine Hills	County level data indicates this factor is having an impact	Studies show this factor can be addressed before conception	Studies show this factor can be addressed during prenatal care
Unmarried (proxy for social, emotional, and economic support)		X	X	X
Hypertension	X	X	X	X
Diabetes		X	X	X
Pre-Pregnancy Overweight	X	X	X	
Not enough weight gained during pregnancy (for some women)	X	X		X

[†] Linked birth-death records; [‡] US Census Bureau; ^α Educated white non-Hispanic Florida mothers aged 20 to 35 years