

## All San Franciscan women do not have equal opportunity for good health.

In San Francisco, a **persistent, consistent pattern** emerges when examining birth data by race and ethnicity: Black or African American women face greater socio-economic hardships and barriers to care, and have higher rates of pregnancy complications and adverse birth outcomes, despite small improvements over the past decade.

Obstacles to Maternal and Child Health, 2011-2015		
	White	Black or African American
	% (95%CI)	% (95%CI)
<b>Socio-economic hardship</b>		
Maternal age<20	0.2 (0.1-0.3)	9.7 (8.4-11.1)
Maternal age 20-24 years	1.6 (1.4-1.8)	24.9 (22.9-26.8)
No college education	10.7 (10.2-11.2)	84.2 (82.5-85.9)
Medi-Cal or other public insurance	5.9 (5.6-6.3)	65.1 (62.9-67.2)
<b>Limited access to care</b>		
No first Trimester Prenatal Care	5.3 (5.0-5.7)	31.8 (29.7-33.9)
Inadequate Prenatal Care	2.8 (2.5-3.0)	20.6 (18.8-22.4)
Adequate Plus	37.6 (36.9-38.3)	23.0 (21.1-24.9)
<b>Pregnancy complications</b>		
Excess weight gain during pregnancy	38.7 (37.9-39.4)	51.4 (49.0-53.8)
Gestational diabetes	3.7 (3.4-4.0)	6.0 (5.0-7.1)
Gestational hypertension	3.7 (3.4-4.0)	8.9 (7.7-10.2)
<b>Adverse birth outcomes</b>		
Induced delivery	14.3 (13.8-14.8)	24.4 (22.5-26.4)
Cesarean delivery	26.4 (25.8-27.1)	27.4 (25.4-29.4)
Preterm birth (20-36 weeks)	7.0 (6.6-7.4)	13.7 (12.2-15.3)
Low birth weight (<2500 g)	5.8 (5.4-6.1)	13.0 (11.5-14.5)

Obstacles to Maternal and Child Health, 2016-2020		
	White	Black or African American
	% (95%CI)	% (95%CI)
<b>Socio-economic hardship</b>		
Maternal age<20	0.2 (0.1-0.2)	4.6 (3.6-5.6)*
Maternal age 20-24 years	1.1 (0.9-1.2)	17.8 (16.0-19.6)*
No college education	7.6 (7.2-8.0)	75.6 (73.5-77.7)*
Medi-Cal or other public insurance	4.8 (4.4-5.1)	57.8 (55.4-60.1)*
<b>Limited access to care</b>		
No first Trimester Prenatal Care	7.1 (6.7-7.5)	25.1 (23.0-27.2)*
Inadequate Prenatal Care	3.2 (3.0-3.5)	16.7 (15.0-18.5)*
Adequate Plus	26.2 (25.6-26.9)	25.6 (23.6-27.7)
<b>Pregnancy complications</b>		
Excess weight gain during pregnancy	35.7 (34.9-36.4)	48.3 (45.9-50.8)
Gestational diabetes	5.1 (4.8-5.5)	7.1 (5.9-8.3)
Gestational hypertension	7.4 (7.0-7.8)	13.1 (11.5-14.6)*
<b>Adverse birth outcomes</b>		
Induced delivery	21.7 (21.0-22.3)	24.3 (22.3-26.4)
Cesarean delivery	25.4 (24.7-26.0)	30.2 (28.1-32.4)
Preterm birth (20-36 weeks)	7.0 (6.6-7.4)	13.5 (11.8-15.1)
Low birth weight (<2500 g)	5.7 (5.3-6.0)	14.8 (13.1-16.5)

## All San Franciscan women do not have equal opportunity for good health.

In San Francisco, a **persistent, consistent pattern** emerges when examining birth data by race and ethnicity: Pacific Islander women face greater socio-economic hardships and barriers to care, and have higher rates of pregnancy complications and risks related to metabolic syndrome, despite recent improvements in preterm birth.

Obstacles to Maternal and Child Health, 2011-2015		
	White	Pacific Islander
	% (95%CI)	% (95%CI)
<b>Socio-economic hardship</b>		
Maternal age<20	0.2 (0.1-0.3)	Obs. > Exp.
Maternal age 20-24 years	1.6 (1.4-1.8)	26.6 (21.3-31.9)
No college education	10.7 (10.2-11.2)	90.3 (86.6-93.9)
Medi-Cal or other public insurance	5.9 (5.6-6.3)	69.3 (63.8-74.8)
<b>Limited access to care</b>		
No first Trimester Prenatal Care	5.3 (5.0-5.7)	46.2 (40.2-52.2)
Inadequate Prenatal Care	2.8 (2.5-3.0)	31.8 (26.2-37.4)
Adequate Plus	37.6 (36.9-38.3)	18.7 (14.0-23.4)
<b>Pregnancy complications</b>		
Excess weight gain during pregnancy	38.7 (37.9-39.4)	66.7 (60.8-72.5)
Gestational diabetes	3.7 (3.4-4.0)	12.4 (8.4-16.3)
Gestational hypertension	3.7 (3.4-4.0)	10.5 (6.8-14.2)
<b>Adverse birth outcomes</b>		
Induced delivery	14.3 (13.8-14.8)	23.2 (18.2-28.3)
Cesarean delivery	26.4 (25.8-27.1)	24.0 (18.8-29.1)
Preterm birth (20-36 weeks)	7.0 (6.6-7.4)	11.2 (7.4-15.0)
Low birth weight (<2500 g)	5.8 (5.4-6.1)	8.2 (4.9-11.5)

Obstacles to Maternal and Child Health, 2016-2020		
	White	Pacific Islander
	% (95%CI)	% (95%CI)
<b>Socio-economic hardship</b>		
Maternal age<20	0.2 (0.1-0.2)	Obs. > Exp.
Maternal age 20-24 years	1.1 (0.9-1.2)	19.4 (13.7-25.0)
No college education	7.6 (7.2-8.0)	90.1 (85.8-94.4)
Medi-Cal or other public insurance	4.8 (4.4-5.1)	68.8 (62.2-75.5)
<b>Limited access to care</b>		
No first Trimester Prenatal Care	7.1 (6.7-7.5)	44.1 (37.0-51.2)
Inadequate Prenatal Care	3.2 (3.0-3.5)	30.6 (24.0-37.3)
Adequate Plus	26.2 (25.6-26.9)	15.6 (10.4-20.8)
<b>Pregnancy complications</b>		
Excess weight gain during pregnancy	35.7 (34.9-36.4)	67.4 (60.5-74.4)
Gestational diabetes	5.1 (4.8-5.5)	Obs. > Exp.
Gestational hypertension	7.4 (7.0-7.8)	14.5 (9.5-19.6)
<b>Adverse birth outcomes</b>		
Induced delivery	21.7 (21.0-22.3)	32.3 (25.5-39.0)
Cesarean delivery	25.4 (24.7-26.0)	27.4 (21.0-33.8)
Preterm birth (20-36 weeks)	7.0 (6.6-7.4)	Obs. < Exp.
Low birth weight (<2500 g)	5.7 (5.3-6.0)	Obs. < Exp.

Data source: California department of Public Health. Vital Records Business Intelligence System (VRBIS) data for San Francisco residents who delivered a live birth in California in 2011-2020. VRBIS data exclude out-of-state births. Rates represent the proportion of births in the race-ethnic group in the 5-year period with the row characteristic. Rates were only estimated if more than 20 births in the group had the row characteristic. Red-font highlights statistically significant differences between groups. \*Within-group change over time is statistically significant based on confidence intervals (95%CI) that do not overlap. Obs. > Exp.: The number of observed births with the row characteristic is greater than the number of births that would be expected if Pacific Islanders had the same rate as White women. Obs. < Exp.: The number of observed births with the row characteristic is less than the number of births that would be expected if Pacific Islanders had the same rate as White women.

## All San Franciscan women do not have equal opportunity for good health.

In San Francisco, a **persistent, consistent pattern** emerges when examining birth data by race and ethnicity: Latina women face greater socio-economic hardships and barriers to care, and have higher rates of pregnancy complications, risks related to metabolic syndrome, and preterm birth.

Obstacles to Maternal and Child Health, 2011-2015		
	White	Latina
	% (95%CI)	% (95%CI)
<b>Socio-economic hardship</b>		
Maternal age<20	0.2 (0.1-0.3)	5.8 (5.3-6.3)
Maternal age 20-24 years	1.6 (1.4-1.8)	16.9 (16.1-17.7)
No college education	10.7 (10.2-11.2)	76.7 (75.8-77.7)
Medi-Cal or other public insurance	5.9 (5.6-6.3)	62.0 (61.0-63.1)
<b>Limited access to care</b>		
No first Trimester Prenatal Care	5.3 (5.0-5.7)	20.6 (19.7-21.5)
Inadequate Prenatal Care	2.8 (2.5-3.0)	10.7 (10.0-11.4)
Adequate Plus	37.6 (36.9-38.3)	30.2 (29.2-31.2)
<b>Pregnancy complications</b>		
Excess weight gain during pregnancy	38.7 (37.9-39.4)	42.6 (41.4-43.7)
Gestational diabetes	3.7 (3.4-4.0)	9.2 (8.6-9.8)
Gestational hypertension	3.7 (3.4-4.0)	7.3 (6.8-7.9)
<b>Adverse birth outcomes</b>		
Induced delivery	14.3 (13.8-14.8)	22.5 (21.6-23.4)
Cesarean delivery	26.4 (25.8-27.1)	23.8 (22.9-24.8)
Preterm birth (20-36 weeks)	7.0 (6.6-7.4)	8.4 (7.8-9.0)
Low birth weight (<2500 g)	5.8 (5.4-6.1)	6.1 (5.6-6.7)

Obstacles to Maternal and Child Health, 2016-2020		
	White	Latina
	% (95%CI)	% (95%CI)
<b>Socio-economic hardship</b>		
Maternal age<20	0.2 (0.1-0.2)	4.4 (3.9-4.8)
Maternal age 20-24 years	1.1 (0.9-1.2)	14.9 (14.1-15.7)
No college education	7.6 (7.2-8.0)	69.1 (68.1-70.2)
Medi-Cal or other public insurance	4.8 (4.4-5.1)	56.8 (55.7-57.9)
<b>Limited access to care</b>		
No first Trimester Prenatal Care	7.1 (6.7-7.5)	21.8 (20.9-22.8)
Inadequate Prenatal Care	3.2 (3.0-3.5)	12.0 (11.2-12.7)
Adequate Plus	26.2 (25.6-26.9)	29.8 (28.7-30.8)
<b>Pregnancy complications</b>		
Excess weight gain during pregnancy	35.7 (34.9-36.4)	41.0 (39.8-42.1)
Gestational diabetes	5.1 (4.8-5.5)	9.0 (8.3-9.6)
Gestational hypertension	7.4 (7.0-7.8)	10.1 (9.4-10.8)
<b>Adverse birth outcomes</b>		
Induced delivery	21.7 (21.0-22.3)	26.1 (25.1-27.1)
Cesarean delivery	25.4 (24.7-26.0)	24.1 (23.1-25.0)
Preterm birth (20-36 weeks)	7.0 (6.6-7.4)	8.8 (8.2-9.5)
Low birth weight (<2500 g)	5.7 (5.3-6.0)	6.8 (6.2-7.4)

## All San Franciscan women do not have equal opportunity for good health.

In San Francisco, a **persistent, consistent pattern** emerges when examining birth data by race and ethnicity: Asian women face greater socio-economic hardships and barriers to care, and have higher rates of gestational diabetes and preterm birth.

Obstacles to Maternal and Child Health, 2011-2015		
	White	Asian
	% (95%CI)	% (95%CI)
<b>Socio-economic hardship</b>		
Maternal age<20	0.2 (0.1-0.3)	0.4 (0.3-0.5)
Maternal age 20-24 years	1.6 (1.4-1.8)	5.0 (4.7-5.4)
No college education	10.7 (10.2-11.2)	38.6 (37.7-39.4)
Medi-Cal or other public insurance	5.9 (5.6-6.3)	27.6 (26.9-28.4)
<b>Limited access to care</b>		
No first Trimester Prenatal Care	5.3 (5.0-5.7)	9.3 (8.8-9.8)
Inadequate Prenatal Care	2.8 (2.5-3.0)	4.5 (4.1-4.8)
Adequate Plus	37.6 (36.9-38.3)	42.3 (41.5-43.1)
<b>Pregnancy complications</b>		
Excess weight gain during pregnancy	38.7 (37.9-39.4)	30.2 (29.4-31.0)
Gestational diabetes	3.7 (3.4-4.0)	11.8 (11.2-12.3)
Gestational hypertension	3.7 (3.4-4.0)	3.1 (2.9-3.4)
<b>Adverse birth outcomes</b>		
Induced delivery	14.3 (13.8-14.8)	13.2 (12.7-13.8)
Cesarean delivery	26.4 (25.8-27.1)	26.3 (25.6-27.1)
Preterm birth (20-36 weeks)	7.0 (6.6-7.4)	8.0 (7.6-8.5)
Low birth weight (<2500 g)	5.8 (5.4-6.1)	7.6 (7.1-8.0)

Obstacles to Maternal and Child Health, 2016-2020		
	White	Asian
	% (95%CI)	% (95%CI)
<b>Socio-economic hardship</b>		
Maternal age<20	0.2 (0.1-0.2)	0.2 (0.1-0.2)*
Maternal age 20-24 years	1.1 (0.9-1.2)	2.6 (2.3-2.9)*
No college education	7.6 (7.2-8.0)	28.8 (28.0-29.6)*
Medi-Cal or other public insurance	4.8 (4.4-5.1)	22.5 (21.7-23.2)*
<b>Limited access to care</b>		
No first Trimester Prenatal Care	7.1 (6.7-7.5)	10.1 (9.6-10.6)
Inadequate Prenatal Care	3.2 (3.0-3.5)	4.2 (3.9-4.6)
Adequate Plus	26.2 (25.6-26.9)	26.6 (25.8-27.4)*
<b>Pregnancy complications</b>		
Excess weight gain during pregnancy	35.7 (34.9-36.4)	28.3 (27.5-29.1)
Gestational diabetes	5.1 (4.8-5.5)	12.9 (12.4-13.5)*
Gestational hypertension	7.4 (7.0-7.8)	5.9 (5.5-6.3)*
<b>Adverse birth outcomes</b>		
Induced delivery	21.7 (21.0-22.3)	18.6 (17.9-19.3)*
Cesarean delivery	25.4 (24.7-26.0)	27.2 (26.5-28.0)
Preterm birth (20-36 weeks)	7.0 (6.6-7.4)	8.0 (7.5-8.4)
Low birth weight (<2500 g)	5.7 (5.3-6.0)	7.9 (7.4-8.4)