

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 people face greater socio-economic hardships and barriers to care, and have higher rates of pregnancy complications and adverse birth outcomes, despite significant improvements over the past decade.

Obstacles to Maternal and Child Health, 2012-2016		
	White	Black or African American
	% (95%CI)	% (95%CI)
Socio-economic hardship		
Maternal age<20	< 20 Births	< 20 Births
Maternal age 20-24 years	1.6 (0.2-3.1)	26.9 (23.0-30.8)
No college education	9.9 (8.5-11.3)	82.6 (80.6-84.5)
Medi-Cal or other public insurance	5.6 (4.1-7.0)	64.6 (61.8-67.3)
Limited access to care		
No first Trimester Prenatal Care	5.7 (4.3-7.2)	30.8 (26.9-34.6)
Inadequate Prenatal Care	2.9 (1.4-4.3)	18.8 (14.6-22.9)
Adequate Plus	34.9 (33.8-36.1)	24.3 (20.3-28.3)
Pregnancy complications		
Excess weight gain during pregnancy	37.8 (36.6-39.0)	49.9 (46.5-53.3)
Gestational diabetes	3.4 (2.0-4.8)	5.9 (1.4-10.3)
Gestational hypertension	3.7 (2.2-5.1)	7.5 (3.1-11.9)
Adverse birth outcomes		
Induced delivery	14.9 (13.6-16.2)	22.7 (18.7-26.7)
Cesarean delivery	26.2 (25.0-27.5)	27.8 (23.9-31.6)
Preterm birth (20-36 weeks)	7.2 (5.8-8.6)	13.0 (8.8-17.3)
Low birth weight (<2500 g)	5.8 (4.3-7.2)	11.9 (7.7-16.2)

Obstacles to Maternal and Child Health, 2017-2021		
	White	Black or African American
	% (95%CI)	% (95%CI)
Socio-economic hardship		
Maternal age<20	< 20 Births	< 20 Births
Maternal age 20-24 years	< 20 Births	18.6 (14.3-23.0) *
No college education	7.5 (6.0-9.0)	74.2 (71.7-76.7) *
Medi-Cal or other public insurance	4.7 (3.2-6.2)	56.7 (53.5-59.9) *
Limited access to care		
No first Trimester Prenatal Care	6.4 (4.9-7.9)	22.6 (18.3-26.9)
Inadequate Prenatal Care	3.0 (1.5-4.5)	16.3 (11.8-20.7)
Adequate Plus	25.2 (23.9-26.6)	26.6 (22.4-30.7)
Pregnancy complications		
Excess weight gain during pregnancy	36.1 (34.8-37.3)	48.3 (44.7-51.8)
Gestational diabetes	5.6 (4.1-7.1)	8.2 (3.5-12.8)
Gestational hypertension	8.9 (7.4-10.4)*	15.0 (10.5-19.4)
Adverse birth outcomes		
Induced delivery	25.2 (23.8-26.5)*	27.5 (23.4-31.7)
Cesarean delivery	25.3 (24.0-26.7)	30.2 (26.1-34.2)
Preterm birth (20-36 weeks)	6.7 (5.2-8.2)	13.5 (9.0-18.0)
Low birth weight (<2500 g)	5.5 (3.9-7.0)	14.3 (9.8-18.8)

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 2012-2021. 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 are only estimated if the group had 20 or more births with the row characteristic. For data regarding small population groups, please contact SFPDPH MCAH Epidemiology. If the confidence intervals (95%CI) for two estimates do not overlap, then the two estimates are statistically significantly different (p-value <0.05).

Red font denotes an estimate that is worse than the corresponding white rate in the same 5-year period.

Red * denotes a 2017-2021 rate that is worse than the corresponding 2012-2016 rate for the same group. Blue * denotes a 2017-2021 rate that is better than the corresponding 2012-2016 rate for the same group.



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 people face greater socio-economic hardships and barriers to care, and have higher rates of pregnancy complications and risks related to metabolic syndrome.

Obstacles to Maternal and Child Health, 2012-2016		
	White	Pacific Islander
	% (95%CI)	% (95%CI)
Socio-economic hardship		
Maternal age<20	< 20 Births	< 20 Births
Maternal age 20-24 years	1.6 (0.2-3.1)	28.2 (17.8-38.6)
No college education	9.9 (8.5-11.3)	91.5 (87.9-95.1)
Medi-Cal or other public insurance	5.6 (4.1-7.0)	68.9 (62.0-75.8)
Limited access to care		
No first Trimester Prenatal Care	5.7 (4.3-7.2)	48.2 (39.4-57.1)
Inadequate Prenatal Care	2.9 (1.4-4.3)	29.8 (19.5-40.1)
Adequate Plus	34.9 (33.8-36.1)	16.5 (5.3-27.7)
Pregnancy complications		
Excess weight gain during pregnancy	37.8 (36.6-39.0)	67.2 (60.0-74.5)
Gestational diabetes	3.4 (2.0-4.8)	< 20 Births
Gestational hypertension	3.7 (2.2-5.1)	< 20 Births
Adverse birth outcomes		
Induced delivery	14.9 (13.6-16.2)	26.3 (15.7-36.8)
Cesarean delivery	26.2 (25.0-27.5)	23.9 (13.2-34.6)
Preterm birth (20-36 weeks)	7.2 (5.8-8.6)	< 20 Births
Low birth weight (<2500 g)	5.8 (4.3-7.2)	< 20 Births

Obstacles to Maternal and Child Health, 2017-2021		
	White	Pacific Islander
	% (95%CI)	% (95%CI)
Socio-economic hardship		
Maternal age<20	< 20 Births	< 20 Births
Maternal age 20-24 years	< 20 Births	19.4 (5.9-32.9)
No college education	7.5 (6.0-9.0)	89.2 (84.2-94.2)
Medi-Cal or other public insurance	4.7 (3.2-6.2)	68.2 (59.8-76.7)
Limited access to care		
No first Trimester Prenatal Care	6.4 (4.9-7.9)	40 (28.4-51.6)
Inadequate Prenatal Care	3 (1.5-4.5)	30 (17.4-42.6)
Adequate Plus	25.2 (23.9-26.6)	15.9 (2.1-29.7)
Pregnancy complications		
Excess weight gain during pregnancy	36.1 (34.8-37.3)	68.3 (59.6-77.0)
Gestational diabetes	5.6 (4.1-7.1)	< 20 Births
Gestational hypertension	8.9 (7.4-10.4)*	17.1 (3.4-30.8)
Adverse birth outcomes		
Induced delivery	25.2 (23.8-26.5)	31.8 (19.3-44.2)
Cesarean delivery	25.3 (24.0-26.7)	27.7 (14.9-40.4)
Preterm birth (20-36 weeks)	6.7 (5.2-8.2)	< 20 Births
Low birth weight (<2500 g)	5.5 (3.9-7.0)	< 20 Births

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

Obstacles to Maternal and Child Health, 2012-2016		
	White	Latina
	% (95%CI)	% (95%CI)
Socio-economic hardship		
Maternal age<20	< 20 Births	3.2 (1.0-5.3)
Maternal age 20-24 years	1.6 (0.2-3.1)	18.3 (16.3-20.2)
No college education	9.9 (8.5-11.3)	75.1 (74.0-76.2)
Medi-Cal or other public insurance	5.6 (4.1-7.0)	60.8 (59.4-62.2)
Limited access to care		
No first Trimester Prenatal Care	5.7 (4.3-7.2)	21.1 (19.2-23.1)
Inadequate Prenatal Care	2.9 (1.4-4.3)	10.6 (8.5-12.6)
Adequate Plus	34.9 (33.8-36.1)	31.1 (29.3-32.9)
Pregnancy complications		
Excess weight gain during pregnancy	37.8 (36.6-39.0)	41.3 (39.6-43.0)
Gestational diabetes	3.4 (2.0-4.8)	9.0 (6.9-11.0)
Gestational hypertension	3.7 (2.2-5.1)	7.0 (4.9-9.1)
Adverse birth outcomes		
Induced delivery	14.9 (13.6-16.2)	22.6 (20.6-24.5)
Cesarean delivery	26.2 (25.0-27.5)	23.6 (21.7-25.5)
Preterm birth (20-36 weeks)	7.2 (5.8-8.6)	8.4 (6.3-10.4)
Low birth weight (<2500 g)	5.8 (4.3-7.2)	6.6 (4.5-8.7)

Obstacles to Maternal and Child Health, 2017-2021		
	White	Latina
	% (95%CI)	% (95%CI)
Socio-economic hardship		
Maternal age<20	<20 Births	2.4 (0.1-4.6)
Maternal age 20-24 years	< 20 Births	16.4 (14.3-18.5)
No college education	7.5 (6.0-9.0)	68.2 (66.9-69.5)*
Medi-Cal or other public insurance	4.7 (3.2-6.2)	56 (54.4-57.5)*
Limited access to care		
No first Trimester Prenatal Care	6.4 (4.9-7.9)	20.6 (18.5-22.7)
Inadequate Prenatal Care	3 (1.5-4.5)	12 (9.9-14.2)
Adequate Plus	25.2 (23.9-26.6)	27.8 (25.9-29.8)
Pregnancy complications		
Excess weight gain during pregnancy	36.1 (34.8-37.3)	42.3 (40.6-44.1)
Gestational diabetes	5.6 (4.1-7.1)	9.4 (7.2-11.6)
Gestational hypertension	8.9 (7.4-10.4)*	11.9 (9.7-14.0)*
Adverse birth outcomes		
Induced delivery	25.2 (23.8-26.5)	28.3 (26.4-30.3)
Cesarean delivery	25.3 (24.0-26.7)	24.3 (22.3-26.3)
Preterm birth (20-36 weeks)	6.7 (5.2-8.2)	8.8 (6.6-10.9)
Low birth weight (<2500 g)	5.5 (3.9-7.0)	6.5 (4.2-8.7)

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In San Francisco, a **persistent, consistent pattern** emerges when examining birth data by race and ethnicity:

Asian people face greater socio-economic hardships and barriers to care, and have higher rates of gestational diabetes.

Obstacles to Maternal and Child Health, 2012-2016		
	White	Asian
	% (95%CI)	% (95%CI)
Socio-economic hardship		
Maternal age<20	< 20 Births	< 20 Births
Maternal age 20-24 years	1.6 (0.2-3.1)	4.7 (3.1-6.3)
No college education	9.9 (8.5-11.3)	37 (35.7-38.3)
Medi-Cal or other public insurance	5.6 (4.1-7.0)	27 (25.6-28.4)
Limited access to care		
No first Trimester Prenatal Care	5.7 (4.3-7.2)	9.8 (8.2-11.4)
Inadequate Prenatal Care	2.9 (1.4-4.3)	4.5 (2.9-6.1)
Adequate Plus	34.9 (33.8-36.1)	39.2 (37.9-40.5)
Pregnancy complications		
Excess weight gain during pregnancy	37.8 (36.6-39.0)	29.5 (28.1-30.9)
Gestational diabetes	3.4 (2.0-4.8)	11.3 (9.8-12.8)
Gestational hypertension	3.7 (2.2-5.1)	3.2 (1.6-4.8)
Adverse birth outcomes		
Induced delivery	14.9 (13.6-16.2)	13.8 (12.3-15.3)
Cesarean delivery	26.2 (25.0-27.5)	26.7 (25.3-28.1)
Preterm birth (20-36 weeks)	7.2 (5.8-8.6)	8.3 (6.7-9.8)
Low birth weight (<2500 g)	5.8 (4.3-7.2)	7.7 (6.1-9.3)

Obstacles to Maternal and Child Health, 2017-2021		
	White	Asian
	% (95%CI)	% (95%CI)
Socio-economic hardship		
Maternal age<20	< 20 Births	< 20 Births
Maternal age 20-24 years	< 20 Births	2.3 (0.6-4.1)
No college education	7.5 (6.0-9.0)	26.3 (24.8-27.8)*
Medi-Cal or other public insurance	4.7 (3.2-6.2)	20.7 (19.1-22.3)*
Limited access to care		
No first Trimester Prenatal Care	6.4 (4.9-7.9)	8.7 (7.0-10.4)
Inadequate Prenatal Care	3 (1.5-4.5)	3.9 (2.2-5.6)
Adequate Plus	25.2 (23.9-26.6)	25.0 (23.4-26.5)*
Pregnancy complications		
Excess weight gain during pregnancy	36.1 (34.8-37.3)	28.7 (27.2-30.2)
Gestational diabetes	5.6 (4.1-7.1)	14.1 (12.4-15.7)
Gestational hypertension	8.9 (7.4-10.4)*	7.3 (5.5-9.0)*
Adverse birth outcomes		
Induced delivery	25.2 (23.8-26.5)	21.5 (19.9-23.1)
Cesarean delivery	25.3 (24.0-26.7)	27.2 (25.7-28.7)
Preterm birth (20-36 weeks)	6.7 (5.2-8.2)	8 (6.3-9.7)
Low birth weight (<2500 g)	5.5 (3.9-7.0)	7.9 (6.2-9.6)

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