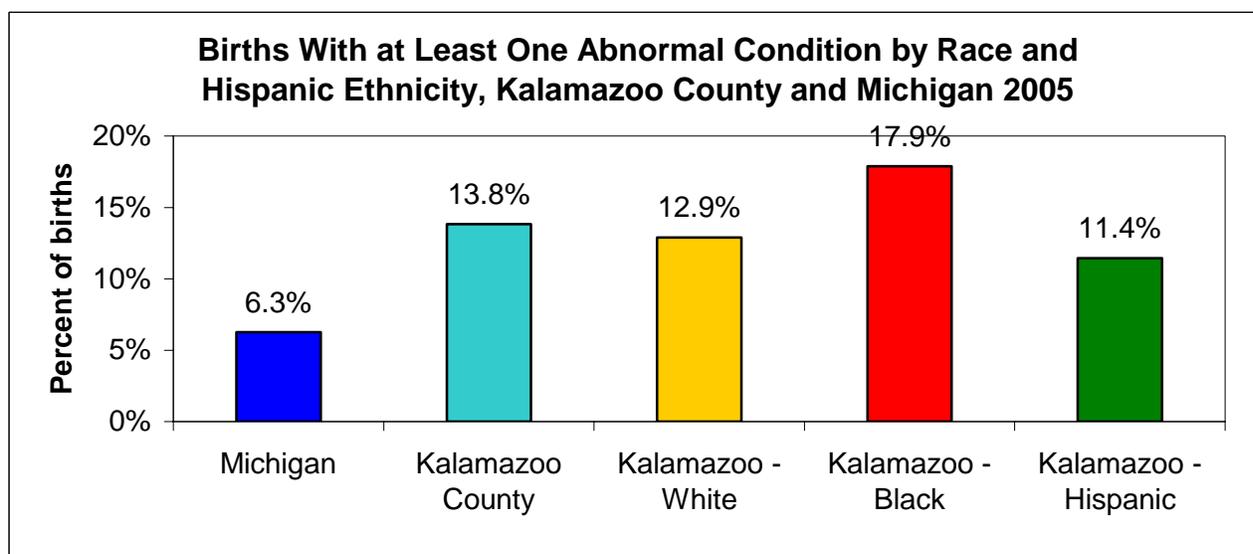


9.4 Delivery

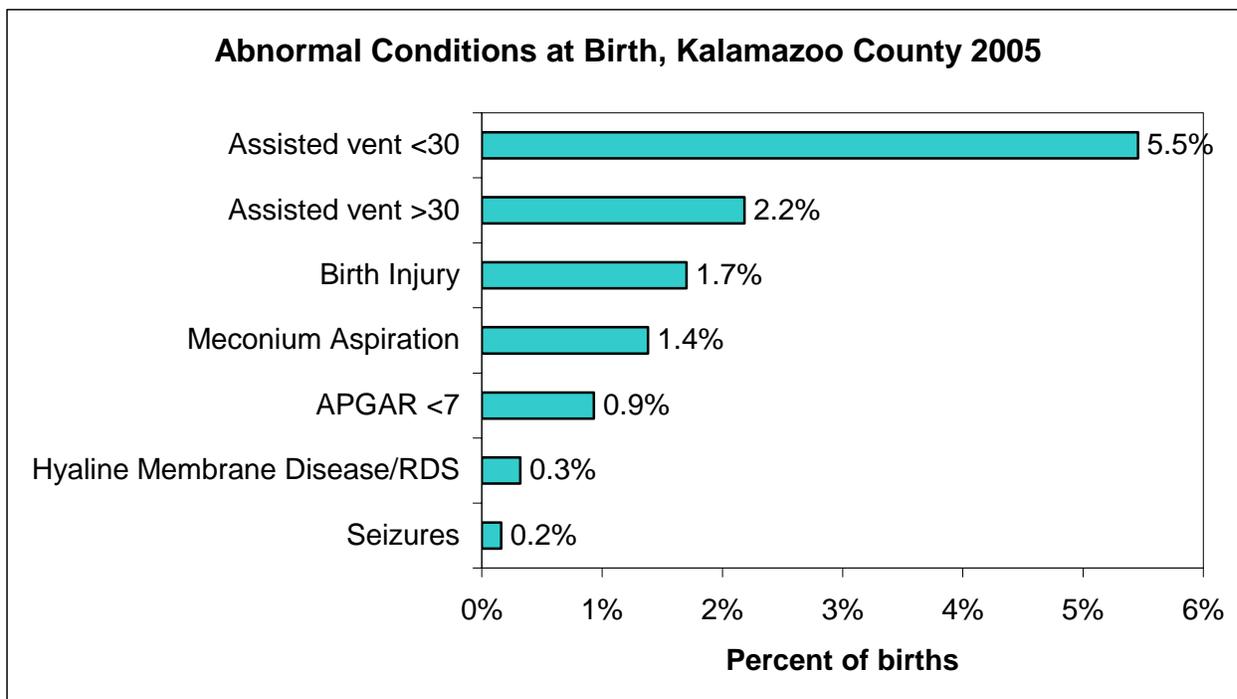
9.4.1 Abnormal Conditions

Approximately 14% of births in Kalamazoo County in 2005 had one or more abnormal condition at the time of birth. The percentage of births with at least one abnormal condition was higher in Kalamazoo County than in Michigan, but this may reflect differences in documentation of these abnormal conditions at various facilities throughout the state rather than actual differences in prevalence. Comparisons among population groups within Kalamazoo County have greater validity. In 2005, a higher percentage of births to black and Hispanic moms than white moms had at least one abnormal condition.



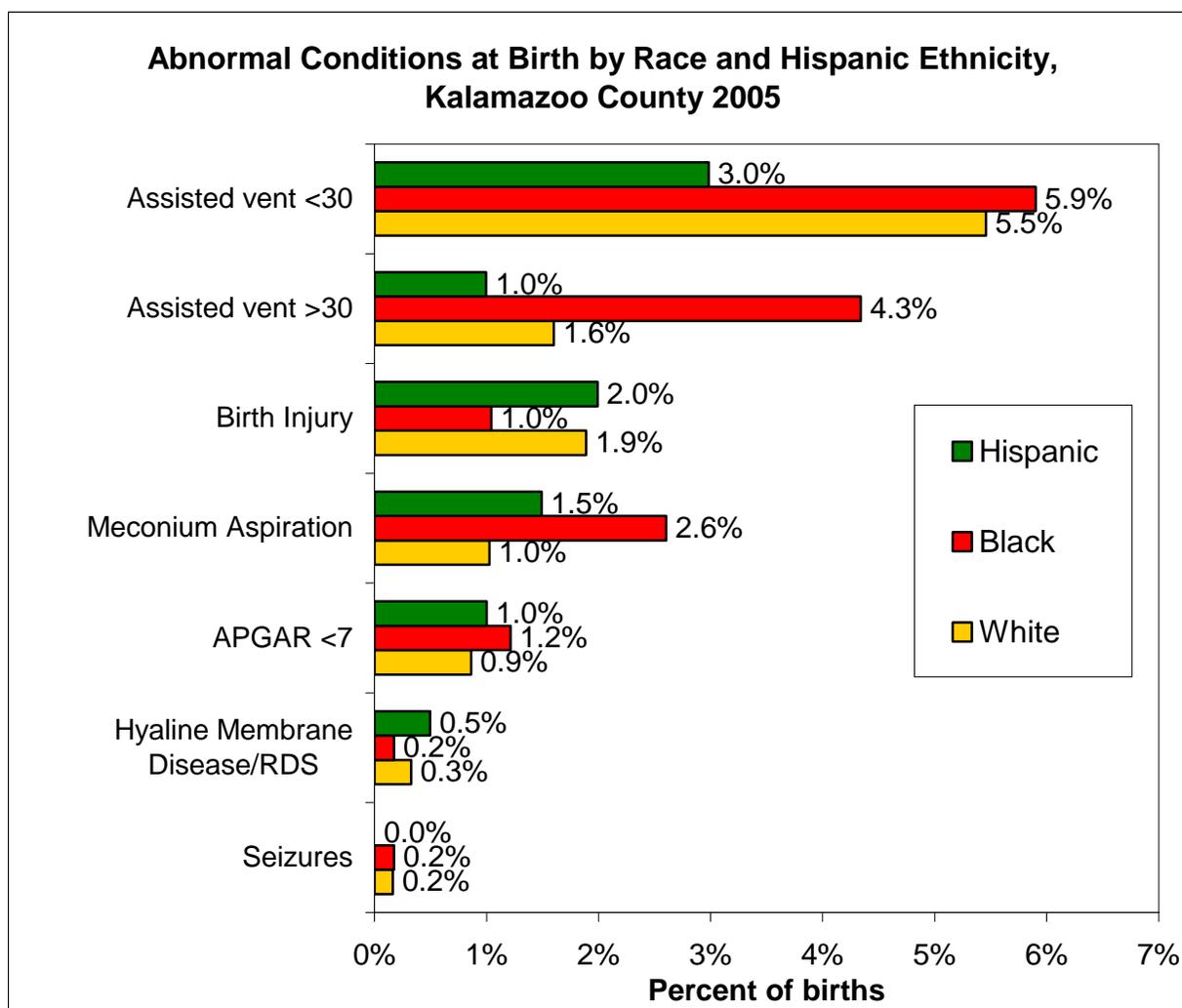
Source: Michigan Department of Community Health, Division for Vital Records and Health Data Development, Live Birth File.

Abnormal conditions at birth that were most common among all 2005 births were assisted ventilation for less than 30 minutes (5.5%), assisted ventilation for more than 30 minutes (2.2%), birth injury (1.7%), and meconium aspiration (1.4%).



Source: Michigan Department of Community Health, Division for Vital Records and Health Data Development, Live Birth File.

The prevalence of some abnormal conditions at birth differed by race and Hispanic ethnicity. Assisted ventilation at birth for less than 30 minutes was more common among babies born to black and white moms (5.9% and 5.5% respectively) than among babies born to Hispanic moms (3.0%), and assisted ventilation for more than 30 minutes was more common among babies born to black moms (4.3%) than to white moms (1.6%) or Hispanic moms (1.0%). A higher percentage of babies born to black moms aspirated meconium (2.6%) than babies born to Hispanic or white moms (1.5% and 1.0%). A higher percentage of babies born to black moms aspirated meconium (2.6%) than babies born to Hispanic or white moms (1.5% and 1.0%).



Source: Michigan Department of Community Health, Division for Vital Records and Health Data Development, Live Birth File.

9.4.2 Method of Delivery and Procedures

The majority of women (69.2%) giving birth in Kalamazoo County in 2005 had vaginal deliveries; 28.4% of women had Caesarean-Section (C-Section) deliveries. Among women who had delivered by C-Section previously, most (92.7%) had a repeat C-Section deliveries and 7.3% delivered vaginally.

Method of Delivery and Procedures Used in Kalamazoo County and Michigan, 2005

Method of Delivery or Procedures Used		Kalamazoo County			Michigan		
		Number of births	Percent of births	+/- 95% CI	Number of births	Percent of births	+/- 95% CI
Method	Unknown method	73	2.3%	0.5	730	0.6%	0.0
	Vaginal	2,157	69.2%	1.6	90,335	70.8%	0.2
	<i>Vaginal After C-Section</i>	29	0.9%	0.3	1,307	1.0%	0.1
	C-Section (Primary)	519	16.7%	1.3	21,858	17.1%	0.2
	C-Section (Repeat)	366	11.7%	1.1	14,595	11.4%	0.2
Procedure	Forceps used	14	0.4%	0.2	1,289	1.0%	0.1
	Vacuum used	133	4.3%	0.7	3,594	2.8%	0.1

Source: Michigan Department of Community Health, Division for Vital Records and Health Data Development, Live Birth File.