

Perinatal Periods of Risk (PPOR) in Wisconsin: 2002-2004

	Maternal health/ prematurity (a+b+c)	Maternal care (d)	Newborn care (e)	Infant health (f)	Total fetal- infant deaths	Denominator
Wisconsin Reference Population*						
Number of Deaths	216	78	100	83	477	101,279
Death Rate (per 1,000)	2.1	0.8	1.0	0.8	4.7	
Wisconsin All Populations						
Number of Deaths	691	421	260	337	1709	208,957
Death Rate (per 1,000)	3.3	2.0	1.2	1.6	8.2	
Excess Death Rate (per 1,000)^	1.2	1.2	0.3	0.8	3.5	
Excess Number of Deaths~	245	260	54	166	725	
Percent contribution to excess deaths+	34%	36%	7%	23%	100%	
Wisconsin African Americans						
Number of Deaths	164	54	41	80	339	19,237
Death Rate (per 1,000)	8.5	2.8	2.1	4.2	17.6	
Excess Death Rate (per 1,000)	6.4	2.0	1.1	3.3	12.9	
Excess Number of Deaths	123	39	22	64	248	
Percent contribution to excess deaths	50%	16%	9%	26%	100%	
Wisconsin Hispanic/Latina						
Number of Deaths	57	44	17	15	133	16,741
Death Rate (per 1,000)	3.4	2.6	1.0	0.9	7.9	
Excess Death Rate (per 1,000)	1.3	1.9	0.0	0.1	3.2	
Excess Number of Deaths	21	31	0	1	53	
Percent contribution to excess deaths	39%	57%	1%	2%	100%	
Wisconsin White						
Number of Deaths	445	298	183	218	1144	163,125
Death Rate (per 1,000)	2.7	1.8	1.1	1.3	7.0	
Excess Death Rate (per 1,000)	0.6	1.1	0.1	0.5	2.3	
Excess Number of Deaths	97	172	22	84	375	
Percent contribution to excess deaths	26%	46%	6%	22%	100%	
City of Milwaukee All Populations						
Number of Deaths	199	66	55	89	409	32,977
Death Rate (per 1,000)	6.0	2.0	1.7	2.7	12.4	
Excess Death Rate (per 1,000)	3.9	1.2	0.7	1.9	7.7	
Excess Number of Deaths	129	41	22	62	254	
Percent contribution to excess deaths	51%	16%	9%	24%	100%	
City of Milwaukee African Americans						
Number of Deaths	122	38	32	60	252	14,745
Death Rate (per 1,000)	8.3	2.6	2.2	4.1	17.1	
Excess Death Rate (per 1,000)	6.1	1.8	1.2	3.2	12.4	
Excess Number of Deaths	91	27	17	48	183	
Percent contribution to excess deaths	50%	15%	10%	26%	100%	

* Fetal-infant death rate for Wisconsin non-Hispanic white women, >20, 13+ years of education.

^ Excess death rate = death rate of category minus death rate of reference population.

~ Excess number of deaths = excess death rate times total number of fetal deaths and live births divided by 1,000.

+ Percent contribution to excess deaths = excess deaths per category divided by total excess deaths.

Note: Sums may not equal totals due to rounding.

Source: Wisconsin Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy, matched infant birth/death and fetal report files. June 2007.