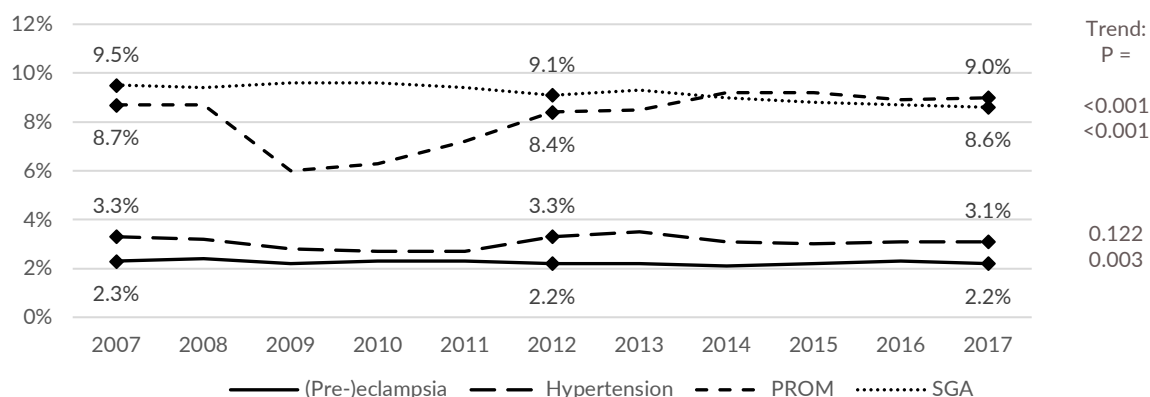


SUPPORTING INFORMATION

Figure S1: Incidence of different complications of pregnancy in liveborn singletons: Victoria, 2007-2017^a



^a Trends between 2007 and 2017 were analysed using a chi-squared test for linear trend.

Table S1. Trends in preterm birth in liveborn singletons: Victoria, 2007-2017

Group		2007		2012		2017		Risk difference	Trend 2007-2017 ^a
		%	(N)	%	(N)	%	(N)	2007-2017	P =
All singletons	Total preterm birth	5.9%	(4074)	6.0%	(4486)	6.4%	(4893)	+0.5%	<0.001
	- spontaneous	3.4%	(2344)	3.0%	(2243)	2.8%	(2163)	-0.6%	<0.001
	- iatrogenic	2.5%	(1730)	3.0%	(2243)	3.6%	(2730)	+1.1%	<0.001
	Early preterm birth	1.5%	(1046)	1.4%	(1042)	1.5%	(1117)	-0.1%	0.856
	- spontaneous	0.9%	(599)	0.7%	(542)	0.7%	(569)	-0.1%	0.001
	- iatrogenic	0.6%	(447)	0.7%	(500)	0.7%	(548)	+0.1%	0.001
	Late preterm birth	4.4%	(3028)	4.6%	(3444)	4.9%	(3776)	+0.5%	<0.001
	- spontaneous	2.5%	(1745)	2.3%	(1701)	2.1%	(1594)	-0.4%	<0.001
- iatrogenic	1.9%	(1283)	2.3%	(1743)	2.8%	(2182)	+1.0%	<0.001	
SGA	Total preterm birth	5.9%	(387)	6.4%	(440)	8.4%	(560)	+2.6%	<0.001
	- spontaneous	1.6%	(106)	1.4%	(95)	1.2%	(80)	-0.4%	<0.001
	- iatrogenic	4.3%	(281)	5.0%	(345)	7.2%	(480)	+3.0%	<0.001
	Early preterm birth	1.5%	(97)	1.4%	(93)	2.0%	(134)	+0.5%	0.045
	- spontaneous	0.2%	(15)	0.1%	(9)	0.2%	(13)	0.0%	0.069
	- iatrogenic	1.2%	(82)	1.2%	(84)	1.8%	(121)	+0.6%	0.006
	Late preterm birth	4.4%	(290)	5.1%	(347)	6.4%	(426)	+2.0%	<0.001
	- spontaneous	1.4%	(91)	1.3%	(86)	1.0%	(67)	-0.4%	<0.001
- iatrogenic	3.0%	(199)	3.8%	(261)	5.4%	(359)	2.4%	<0.001	
Hypertension	Total preterm birth	5.7%	(128)	7.1%	(175)	9.0%	(215)	+3.4%	<0.001
	- spontaneous	1.7%	(39)	1.2%	(29)	1.7%	(40)	0.0%	0.119
	- iatrogenic	3.9%	(89)	5.9%	(146)	7.3%	(175)	+3.4%	<0.001

	Early preterm birth	0.9%	(20)	1.5%	(38)	2.1%	(49)	+1.2%	0.002
	- spontaneous	0.4%	(8)		- ^c	0.3%	(7)	-0.1%	0.196
	- iatrogenic	0.5%	(12)	1.4%	(35)	1.8%	(42)	+1.2%	<0.001
	Late preterm birth	4.8%	(108)	5.6%	(137)	7.0%	(166)	+2.2%	<0.001
	- spontaneous	1.4%	(31)	1.1%	(26)	1.4%	(33)	0.0%	0.256
	- iatrogenic	3.4%	(77)	4.5%	(111)	5.6%	(133)	+2.2%	<0.001
(Pre)eclampsia	Total preterm birth	30.4%	(494)	28.7%	(485)	28.6%	(481)	-1.8%	0.056
	- spontaneous	1.1%	(18)	1.4%	(24)	1.6%	(27)	+0.5%	0.955
	- iatrogenic	29.3%	(476)	27.3%	(461)	27.0%	(454)	-2.3%	0.050
	Early preterm birth	12.3%	(199)	10.3%	(174)	10.2%	(172)	-2.0%	0.115
	- spontaneous	0.4%	(6)		- ^c	0.4%	(6)	0.0%	0.594
	- iatrogenic	11.9%	(193)	10.1%	(170)	9.9%	(166)	-2.0%	0.133
	Late preterm birth	18.2%	(295)	18.4%	(311)	18.4%	(309)	+0.2%	0.325
	- spontaneous	0.7%	(12)	1.2%	(20)	1.2%	(21)	+0.5%	0.750
	- iatrogenic	17.4%	(283)	17.2%	(291)	17.1%	(288)	-0.3%	0.268
PROM	Total preterm birth	20.5%	(1235)	17.4%	(1095)	17.7%	(1219)	-2.8%	<0.001
	- spontaneous	12.1%	(730)	9.0%	(569)	9.6%	(658)	-2.6%	<0.001
	- iatrogenic	8.4%	(505)	8.3%	(526)	8.2%	(561)	-0.2%	0.057
	Early preterm birth	5.5%	(328)	4.4%	(278)	4.6%	(319)	-0.8%	<0.001
	- spontaneous	3.8%	(227)	2.8%	(178)	3.0%	(203)	-0.8%	0.001
	- iatrogenic	1.7%	(101)	1.6%	(100)	1.7%	(116)	0.0%	0.128
	Late preterm birth	15.1%	(907)	13.0%	(817)	13.1%	(900)	-2.0%	<0.001
	- spontaneous	8.4%	(503)	6.2%	(391)	6.6%	(455)	-1.7%	<0.001
	- iatrogenic	6.7%	(404)	6.8%	(426)	6.5%	(445)	-0.2%	0.188
Non-complicated ^b	Total preterm birth	3.9%	(2080)	4.2%	(2524)	4.5%	(2733)	+0.7%	<0.001
	- spontaneous	2.8%	(1499)	2.6%	(1555)	2.3%	(1398)	-0.5%	<0.001
	- iatrogenic	1.1%	(581)	1.6%	(969)	2.2%	(1335)	+1.1%	<0.001
	Early preterm birth	0.9%	(479)	0.9%	(525)	0.9%	(544)	0.0%	0.937
	- spontaneous	0.7%	(351)	0.6%	(352)	0.6%	(348)	-0.1%	<0.001
	- iatrogenic	0.2%	(128)	0.3%	(173)	0.3%	(196)	+0.1%	<0.001
	Late preterm birth	3.0%	(1601)	3.4%	(1999)	3.6%	(2189)	+0.6%	<0.001
	- spontaneous	2.1%	(1148)	2.0%	(1203)	1.7%	(1050)	-0.4%	<0.001
	- iatrogenic	0.8%	(453)	1.3%	(796)	1.9%	(1139)	+1.0%	<0.001

^a Trends between 2007 and 2017 were analysed using a chi-squared test for linear trend.

^b Singleton pregnancies not complicated by SGA, hypertension, (pre)eclampsia or PROM.

^c Cell size of 4 or less, data not shown for privacy reasons.

Table S2. Trends in perinatal mortality in singletons: Victoria, 2007-2017^{a,b}

Group		≥20 weeks			≥24 weeks			≥28 weeks			≥34 weeks			≥37 weeks		
		'07 ‰	'17 ‰	Trend P =	'07 ‰	'17 ‰	Trend P	'07 ‰	'17 ‰	Trend P	'07 ‰	'17 ‰	Trend P =	'07 ‰	'17 ‰	Trend P =
All singletons	Perinatal mortality	6.7	5.7	<0.001	4.6	3.8	<0.001	3.6	2.9	<0.001	2.5	2.1	<0.001	2.0	1.5	<0.001
	Stillbirth	4.7	4.0	<0.001	3.3	2.7	<0.001	2.7	2.2	<0.001	1.8	1.5	<0.001	1.4	1.1	<0.001
	Neonatal mortality	2.1	1.8	0.013	1.3	0.9	0.008	1.0	0.8	0.266	0.7	0.6	0.340	0.6	0.4	0.111
Complicated ^c	Perinatal mortality	12.9	11.6	<0.001	7.9	6.8	<0.001	5.9	4.8	<0.001	3.8	3.6	0.002	3.2	2.5	0.002
	Stillbirth	9.7	8.9	<0.001	5.9	5.3	<0.001	4.3	3.6	<0.001	2.6	2.6	<0.001	2.3	2.1	0.002
	Neonatal mortality	3.3	2.7	0.137	2.0	1.5	0.272	1.5	1.2	0.532	1.2	1.0	0.785	0.9	0.4	0.362
Non-complicated ^d	Perinatal mortality	4.7	4.2	0.012	3.5	2.8	0.007	2.9	2.4	0.044	2.1	1.7	0.023	1.6	1.3	0.013
	Stillbirth	3.1	2.7	0.063	2.5	2.0	0.064	2.1	1.8	0.045	1.5	1.2	0.023	1.1	0.9	0.019
	Neonatal mortality	1.6	1.5	0.087	1.0	0.8	0.030	0.7	0.7	0.567	0.6	0.5	0.496	0.5	0.4	0.327

^a Trends between 2007 and 2017 were analysed using a chi-squared test for linear trend.

^b Perinatal mortality and stillbirth risk are expressed per 1000 births. Neonatal mortality is expressed per 1000 live births.

^c Singleton pregnancies complicated by SGA, hypertension, (pre)eclampsia or PROM.

^d Singleton pregnancies not complicated by SGA, hypertension, (pre)eclampsia or PROM.