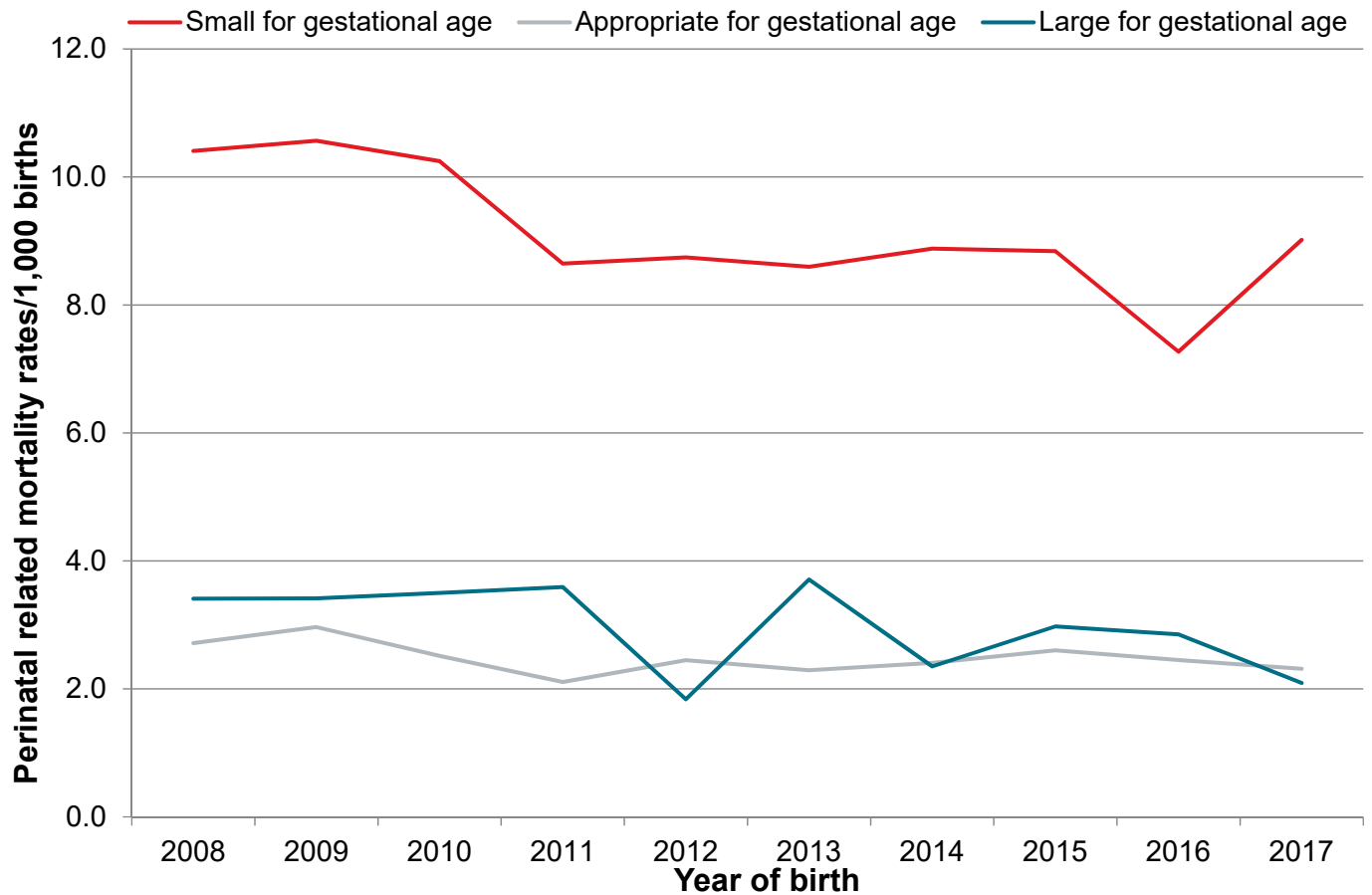


Te mate pēpi | Perinatal mortality

Mortality by customised birthweight centile

There has been very little change in the perinatal related mortality rate in singleton non-anomalous appropriate and large for gestational age babies over the last 10 years. However, deaths in small for gestational age babies are trending down (Figure 3.22 and Table 3.31).

Figure 3.22: Perinatal related mortality rates by customised centile group among singleton births* from 26 weeks' gestation without congenital abnormalities 2008–2017



* All data limited to mothers who were registered for care with an LMC (either a midwife, obstetrician or GP) claiming from the Section 88 Primary Maternity Services Notice.

Sources: Numerator: PMMRC's perinatal data extract where matched to MAT data, from 26 weeks' gestation without congenital abnormalities 2008–2017; Denominator: MAT births among singleton births from 26 weeks' gestation 2008–2017.

Table 3.31: Perinatal related mortality rates by customised birthweight centile group among singleton births* from 26 weeks' gestation without congenital abnormalities 2008–2017

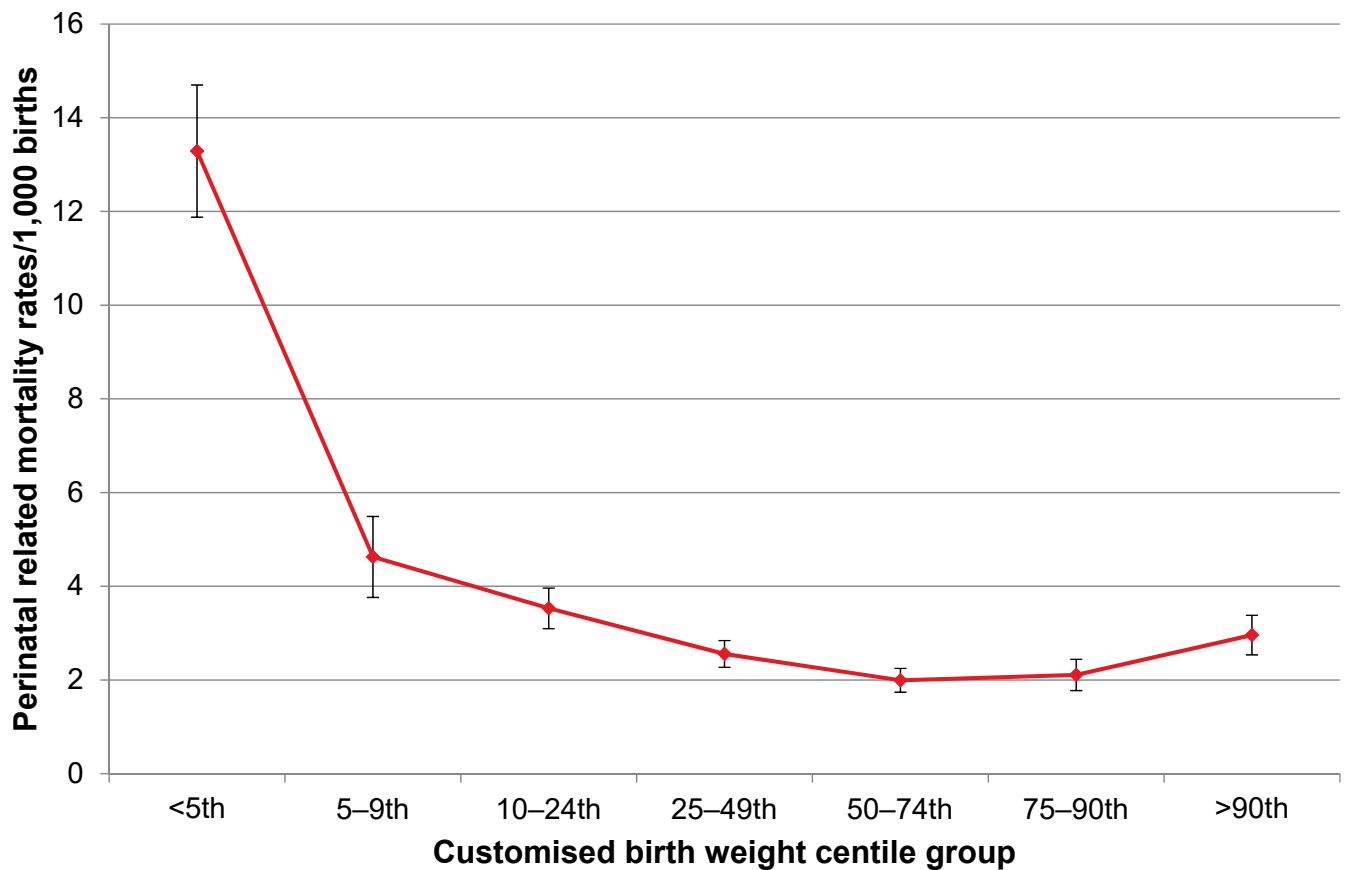
Year of death	Small for gestational age			Appropriate for gestational age			Large for gestational age			Unknown/missing data			Total		
	N=49,441		n=451	N=384,014		n=952	N=63,563		n=188	N=24,740		n=107	N=521,758		n=1,698
	N	n	Rate	N	n	Rate	N	n	Rate	N	n	Rate	N	n	Rate
2008	4,805	50	10.41	36,473	99	2.71	6,160	21	3.41	2,700	17	6.30	50,138	187	3.73
2009	5,016	53	10.57	37,093	110	2.97	6,149	21	3.42	2,567	19	7.40	50,825	203	3.99
2010	5,074	52	10.25	38,148	96	2.52	6,288	22	3.50	2,678	7	2.61	52,188	177	3.39
2011	5,089	44	8.65	37,956	80	2.11	6,127	22	3.59	2,746	13	4.73	51,918	159	3.06
2012	5,032	44	8.74	39,194	96	2.45	6,533	12	1.84	2,234	6	2.69	52,993	158	2.98
2013	4,885	42	8.60	37,972	87	2.29	6,199	23	3.71	2,367	7	2.96	51,423	159	3.09
2014	4,955	44	8.88	38,655	93	2.41	6,377	15	2.35	2,273	5	2.20	52,260	157	3.00
2015	4,864	43	8.84	39,180	102	2.60	6,381	19	2.98	2,477	7	2.83	52,902	171	3.23
2016	4,952	36	7.27	39,579	97	2.45	6,660	19	2.85	2,407	16	6.65	53,598	168	3.13
2017	4,769	43	9.02	39,764	92	2.31	6,689	14	2.09	2,291	10	4.36	53,513	159	2.97
Data not supplied to MAT		86			-38			-59			5			-6	

* MAT data limited to mothers who were registered for care with an LMC (either a midwife, obstetrician or GP) claiming from the Section 88 Primary Maternity Services Notice.

Sources: Numerator: PMMRC's perinatal data extract where matched to MAT data, among singleton births from 26 weeks' gestation without congenital abnormalities 2008–2017; Denominator: MAT births among singleton births from 26 weeks' gestation 2008–2017.

From 26 weeks' gestation onwards, there was a significant reduction in mortality as baby birthweight approached the 50th–74th customised centile group. Those babies with a customised birthweight under the 5th centile had a substantially higher mortality rate, even compared with those in the 5th–9th centile. Mortality was lowest in those with a birthweight in the 50th–74th centile group. Babies with a birthweight in the customised centile group 90th or above had a statistically significantly higher mortality rate than those in the 50th–74th and 75th–90th centiles (Figure 3.23).

Figure 3.23: Perinatal related mortality rates (with 95% CIs) by customised birthweight centile group among singleton births from 26 weeks' gestation without congenital abnormalities 2008–2017*



* All data limited to mothers who were registered for care with an LMC (either a midwife, Obstetrician or GP) claiming from the Section 88 Primary Maternity Services Notice.

Sources: Numerator: PMMRC's perinatal data extract where matched to MAT data, among singleton births from 26 weeks' gestation without congenital abnormalities 2008–2017; Denominator: MAT births among singleton births from 26 weeks' gestation 2008–2017.