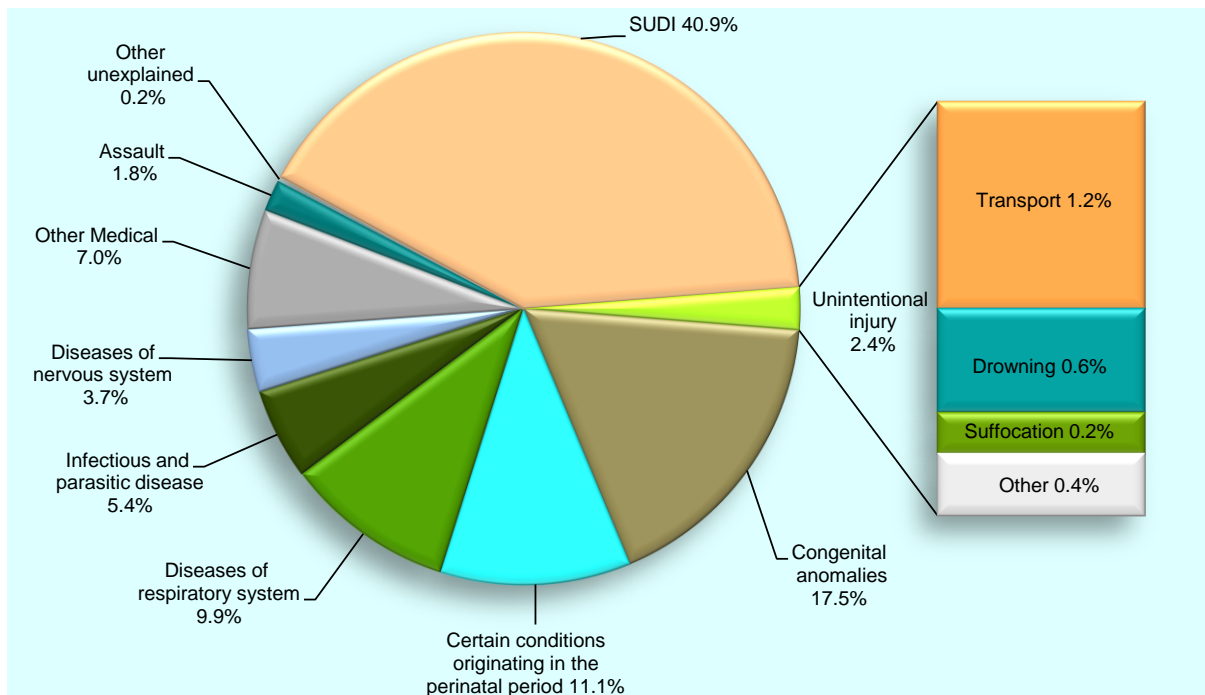


Children aged 28 days – less than 1 year

The main causes of death in the post-neonatal period (28 days to less than 1 year) are shown in Figure 2.1 and Table 2.1. In these analyses, SUDI refers to unexplained sudden infant death (ICD code R95) and includes accidental suffocation and strangulation in bed (ICD code W75). The long-term trend over time of infant mortality, as well as its two subdivisions – neonatal (first 27 days of life) and post-neonatal (1–12 months of life) mortality is shown in Figure 2.2. The sudden decrease in post-neonatal mortality that occurred in 1990 was in the year following the national “back to sleep” campaign. The disparity in death rate between Māori and non-Māori over the last 6 years is shown in Figure 2.3.

Figure 2.1: Mortality (%) in children and young people ages 28 days to less than 1 year by cause of death, New Zealand 2004–2009 (n=817 deaths)



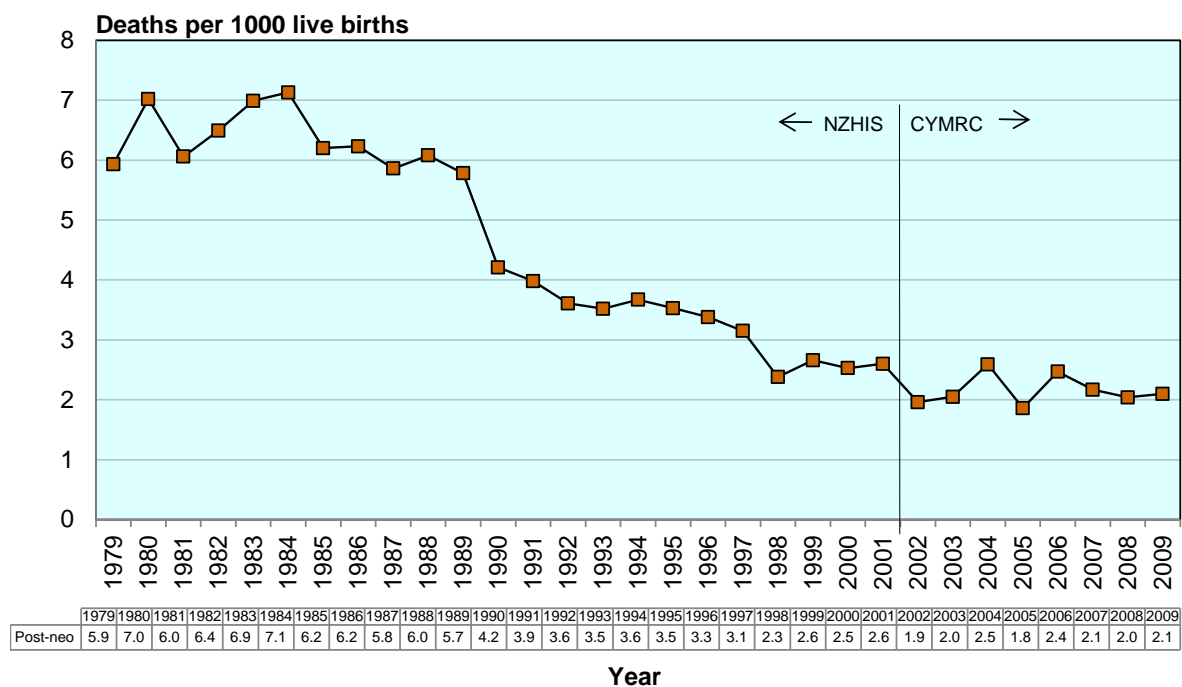
Source: Mortality Review Database

Table 2.1: Post-neonatal mortality (number of deaths and rates per 1,000 live births) by cause and by year, New Zealand 2004-2009 (n=817 deaths)

	2004	2005	2006	2007	2008	2009	Total	%	Average rate
Medical									
Infectious and parasitic disease	10	4	7	7	7	9	44	5.4	0.12
Neoplasms	2	3	2	4	-	3	14	1.7	0.04
Diseases of the blood and blood-forming organs and disorders of immune system	2	1	-	1	1	1	6	0.7	0.02
Endocrine, nutritional and metabolic diseases	1	2	1	4	1	3	12	1.5	0.03
Mental and behavioural disorders	-	-	-	-	-	-	-	-	-
Diseases of nervous system	5	6	7	4	4	4	30	3.7	0.08
Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-
Diseases of ear and mastoid process	-	-	-	-	-	-	-	-	-
Diseases of circulatory system	2	2	3	2	4	3	16	2.0	0.04
Diseases of respiratory system	22	11	15	15	10	8	81	9.9	0.22
Diseases of digestive system	2	-	1	-	1	-	4	0.5	0.01
Diseases of skin and subcutaneous tissue	-	-	-	-	-	-	-	-	-
Diseases of musculoskeletal system and connective tissue	1	-	-	1	-	-	2	0.2	0.01
Diseases of genitourinary system	1	-	1	-	-	1	3	0.4	0.01
Pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-
Certain conditions originating in the perinatal period	9	13	19	15	19	16	91	11.1	0.24
Congenital anomalies	27	21	25	27	25	18	143	17.5	0.39
Symptoms & abnormal findings not elsewhere classified	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-
Total medical	84	63	81	80	72	66	446	54.6	1.20
Unintentional injury									
External cause unknown	-	-	-	-	-	-	-	-	-
Adverse effect of medication or treatment	-	-	1	-	-	-	1	0.1	0.00
Health system error	-	-	-	-	-	-	-	-	-
Cut/pierce	-	-	-	-	-	-	-	-	-
Drowning	1	1	-	3	-	-	5	0.6	0.01
Fall	-	-	-	-	-	-	-	-	-
Fire/burn/heat/smoke	1	-	-	-	-	-	1	0.1	0.00
Firearm	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-
Transport	4	-	1	2	3	-	10	1.2	0.03
Natural/environmental/animal	-	-	-	-	-	-	-	-	-
Overexertion/travel/privation	-	-	-	-	-	-	-	-	-
Poisoning	-	-	-	-	-	-	-	-	-
Struck by, against	1	-	-	-	-	-	1	0.1	0.00
Suffocation	-	-	-	1	-	1	2	0.2	0.01
Electrocution	-	-	-	-	-	-	-	-	-
Total unintentional injury	7	1	2	6	3	1	20	2.4	0.05
Intentional injury									
Assault	6	1	4	1	1	2	15	1.8	0.04
Suicide	-	-	-	-	-	-	-	-	-
Total intentional injury	6	1	4	1	1	2	15	1.8	0.04
Unexplained									
SUDI	55	44	62	54	57	62	334	40.9	0.90
Other	-	-	-	-	-	1	1	0.1	0.00
Total unexplained	55	44	62	54	57	63	335	41.0	0.90
Missing Data	-	-	-	-	-	1	1	0.1	0.00
Total	152	109	149	141	133	133	817	100.0	2.20

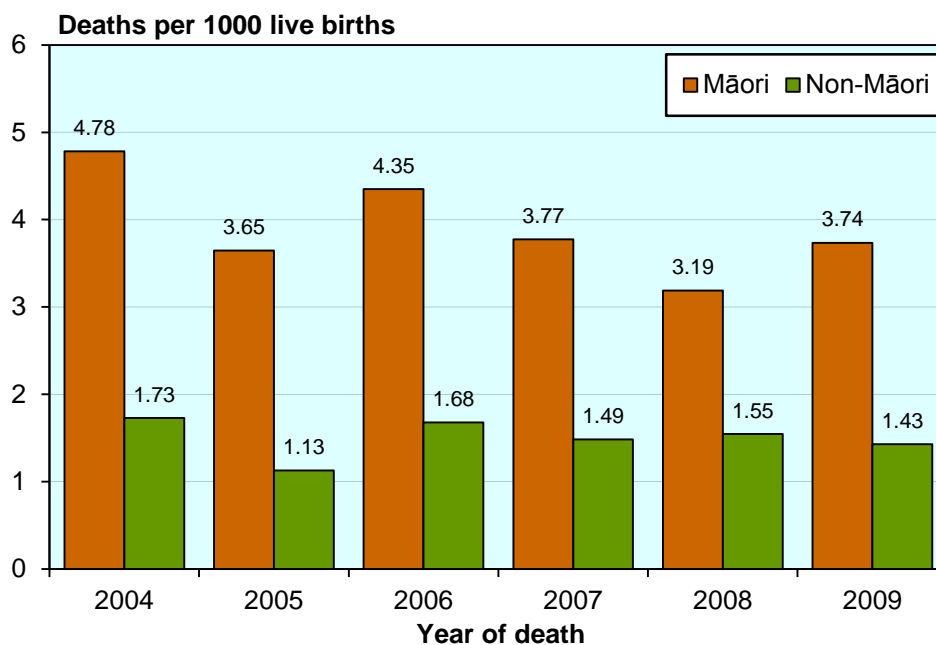
Source: Numerator Mortality Review Database; Denominator NZHIS Live Births

Figure 2.2: Post-neonatal mortality (rates per 1000 live births) in children (28 days to 1 year of age), New Zealand 1979–2009



Source: Numerator NZHIS pre-2002 data, Mortality Review Database 2002–2009 data; Denominator NZHIS Live Births

Figure 2.3: Post-neonatal mortality (rates per 1000 live births), Māori and non-Māori, New Zealand 2004–2009 (n=817 deaths)



Source: Numerator Mortality Review Database; Denominator NZHIS Live Births