

Injuries in Relation to Other Health Problems

Injury is the leading cause of death from age 1 through to age 34. Injury is also a significant cause of morbidity, being one of the two main causes of inpatient treatment in public hospitals for those aged 5 to 34. The tables highlight the significance of injury for specific age groups throughout life. In addition, they provide information on the significance of unintentional, self-harm, and assault injury events.

DEATHS

Ten Leading Causes of Death — New Zealand 1994-1998

Age Groups

Rank	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	All ages
1	Perinatal 32.7%	Unintentional 41.4%	Unintentional 42.9%	Unintentional 34.6%	Unintentional 44.8%	Unintentional 31.1%	Cancers 30.8%	Cancers 43.3%	Cancers 44.0%	Heart 47.4%	Heart 41.9%
2	Congenital 25.0%	Congenital 14.1%	Cancers 24.0%	Cancers 20.8%	Suicide 29.1%	Suicide 23.0%	Heart 22.9%	Heart 30.0%	Heart 34.5%	Cancers 25.2%	Cancers 27.4%
3	Ill-defined 24.2%	Cancers 11.2%	Congenital 9.6%	Suicide 12.8%	Cancers 7.3%	Cancers 15.6%	Unintentional 15.6%	Unintentional 6.2%	Respiratory 5.9%	Respiratory 12.3%	Respiratory 10.2%
4	Unintentional 5.1%	Infectious 8.0%	Nervous 9.2%	Nervous 11.5%	Heart 3.1%	Heart 9.2%	Suicide 11.6%	Suicide 4.2%	Endocrine 4.9%	Digestive 3.0%	Unintentional 4.0%
5	Respiratory 3.9%	Nervous 7.4%	Homicide 3.8%	Congenital 6.4%	Mental 3.0%	Nervous 3.7%	Nervous 3.2%	Endocrine 4.1%	Unintentional 2.5%	Endocrine 2.7%	Endocrine 3.0%
6	Nervous 3.0%	Respiratory 5.50%	Heart 3.1%	Heart 4.2%	Nervous 2.7%	Mental 3.0%	Endocrine 3.2%	Respiratory 2.9%	Digestive 2.2%	Mental 2.4%	Digestive 2.7%
7	Infectious 2.3%	Ill-defined 3.8%	Endocrine 2.3%	Homicide 2.6%	Homicide 2.5%	Homicide 2.8%	Respiratory 2.6%	Nervous 2.3%	Nervous 1.5%	Genitourinary 1.7%	Mental 2.1%
8	Cancers 0.9%	Homicide 2.9%	Infectious 1.9%	Endocrine 1.9%	Congenital 1.9%	Infectious 2.6%	Infectious 2.40%	Digestive 2.1%	Suicide 1.5%	Unintentional 1.6%	Suicide 2.0%
9	Homicide 0.9%	Heart 2.5%	Respiratory 1.2%	Infectious 1.6%	Respiratory 1.3%	Endocrine 2.2%	Mental 2.0%	Infectious 1.3%	Genitourinary 0.8%	Nervous 1.5%	Nervous 1.7%
10	Heart 0.7%	Endocrine 1.1%	Genitourinary 0.8%	Mental 1.0%	Endocrine 1.2%	Congenital 1.7%	Digestive 1.8%	Mental 0.8%	Infectious 0.7%	Musculo skeletal 0.6%	Genitourinary 1.4%
11-20	1.5%	2.5%	0.4%	2.6%	3.1%	5.1%	3.8%	2.8%	1.6%	1.6%	3.7%
Total (Number Deaths)	1914	475	261	312	2454	2861	3819	7500	14122	103584	137302

Data Source: Mortality and Demographic Data 1994-1998, NZHIS, Ministry of Health, Wellington

See overleaf for a description of abbreviations

For more detail visit our web page - address overleaf

HOSPITALISATIONS *

Ten Leading Causes of Hospitalisation — New Zealand 1998/99**

Age Groups

Rank	0-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	Total
1	Perinatal 23.7%	Respiratory 20.8%	Unintentional 24.7%	Pregnancy 39.5%	Pregnancy 51.7%	Pregnancy 22.4%	Heart 15.3%	Heart 22.7%	Heart 25.6%	Pregnancy 14.3%
2	Respiratory 22.5%	Unintentional 20.4%	Respiratory 14.2%	Unintentional 12.6%	Unintentional 6.9%	Genitourinary 10.7%	Digestive 13.5%	Cancers 13.0%	Cancers 12.6%	Heart 11.5%
3	Nervous 8.9%	Nervous 15.3%	Digestive 10.8%	Digestive 7.1%	Genitourinary 6.7%	Digestive 10.6%	Ill defined 11.6%	Digestive 12.8%	Digestive 10.1%	Digestive 9.5%
4	Infectious 7.6%	Digestive 12.3%	Ill defined 8.6%	Respiratory 6.5%	Digestive 6.3%	Ill defined 8.5%	Cancers 11.1%	Ill defined 9.7%	Respiratory 9.1%	Respiratory 9.5%
5	Ill defined 7.5%	Ill defined 5.5%	Nervous 8.0%	Genitourinary 6.2%	Ill defined 4.9%	Unintentional 7.8%	Genitourinary 10.0%	Respiratory 8.1%	Ill defined 7.6%	Unintentional 8.3%
6	Unintentional 7.3%	Infectious 4.8%	Musculo- skeletal 5.9%	Ill defined 6.0%	Respiratory 3.7%	Cancers 6.3%	Musculo- skeletal 7.3%	Musculo- skeletal 7.3%	Nervous 6.9%	Ill defined 7.5%
7	Congenital 7.1%	Genitourinary 4.0%	Genitourinary 4.5%	Musculo- skeletal 3.3%	Musculo- skeletal 3.3%	Musculo- skeletal 6.1%	Unintentional 7.1%	Genitourinary 6.4%	Musculo- skeletal 6.3%	Cancers 7.2%
8	Digestive 6.8%	Congenital 3.7%	Infectious 4.0%	Mental 3.0%	Mental 3.1%	Heart 5.5%	Respiratory 6.6%	Unintentional 5.1%	Unintentional 6.2%	Genitourinary 6.2%
9	Genitourinary 2.7%	Skin 3.6%	Skin 3.9%	Skin 2.7%	Cancers 2.6%	Respiratory 5.1%	Nervous 5.1%	Nervous 4.9%	Genitourinary 4.9%	Nervous 5.7%
10	Skin 2.4%	Musculo- skeletal 3.3%	Congenital 3.0%	Infectious 2.3%	Nervous 2.4%	Nervous 4.2%	Skin 2.8%	Skin 2.4%	Blood 3.1%	Perinatal 2.8%
11-20	3.8%	6.5%	12.4%	10.9%	8.4%	12.8%	9.6%	7.5%	7.7%	12.5%
Total	70488	23583	16042	61692	89943	61718	50392	53871	166542	594271

Notes: * Counts include all daypatient and inpatient discharges from a public hospital

** Data listed is for the period 1 July 1998 to 30 June 1999

Abbreviations Description

Blood:	Diseases of the blood and blood-forming organs
Cancers:	Neoplasms
Congenital:	Congenital anomalies
Digestive:	Diseases of the digestive system
Endocrine:	Endocrine, nutritional and metabolic diseases and immunity disorders
Genitourinary:	Diseases of the genitourinary system
Homicide:	Homicide
Heart:	Diseases of the circulatory system
Ill-defined:	Symptoms, signs, and ill-defined conditions
Infectious:	Infectious and parasitic disease
Mental:	Mental disorders

Abbreviation Description

Musculoskeletal:	Diseases of the musculoskeletal system and connective tissue
Nervous:	Diseases of the nervous system and sense organs
Perinatal:	Certain conditions originating in the perinatal period
Pregnancy:	Complications of pregnancy, childbirth and the puerperium
Respiratory:	Diseases of the respiratory system
Suicide:	Suicide
Skin:	Diseases of the skin and subcutaneous tissue
Unintentional:	Unintentional injuries

NB: This fact sheet updates IPRU Fact Sheet Number 13

Data source: Public Hospital and Selected Morbidity Data 1999, NZHIS, Ministry of Health, Wellington

For further details on the above injury data visit our web site: <http://www.otago.ac.nz/ipru>

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