

## Alcohol-Related Injury Hospital Admissions 1997 - 2002

Data taken from patients admitted to a public hospital for at least one night with a primary diagnosis of injury between 1997 and 2002. It does not include day patients, readmissions for the same injury or patients discharged dead.

### Number of hospitalisations within New Zealand between 1997 and 2002 where at least one of the diagnoses was ICD-10 'T51.0' (Toxic effect of ethanol)

Age Group	1997-1999			2000-2002		
	Female	Male	Total	Female	Male	Total
00-04 years	9	7	16	6	2	8
05-09 years	0	1	1	0	0	0
10-14 years	18	21	39	47	26	73
15-19 years	88	61	149	102	65	167
20-24 years	74	60	134	109	56	165
25-29 years	97	71	168	77	73	150
30-34 years	89	73	162	109	74	183
35-39 years	110	67	177	148	70	218
40-44 years	83	55	138	124	61	185
45-49 years	63	46	109	80	44	124
50-54 years	26	37	63	50	35	85
55-59 years	16	21	37	21	30	51
60-64 years	10	16	26	10	18	28
65-69 years	4	7	11	6	12	18
70-74 years	2	8	10	11	8	19
75-79 years	3	1	4	4	7	11
80-84 years	2	1	3	5	2	7
85+ years	2	1	3	3	1	4
Total	696	554	1250	912	584	1496

### Rates (per 100,000) within New Zealand between 1997 and 2002 where at least one of the diagnoses was ICD-10 'T51.0' (Toxic effect of ethanol)

Age Group	1997-1999			2000-2002		
	Female	Male	Total	Female	Male	Total
00-04 years	2.1	1.6	1.8	1.5	0.5	0.9
05-09 years	0.0	0.2	0.1	0.0	0.0	0.0
10-14 years	4.4	4.9	4.6	10.7	5.6	8.1
15-19 years	22.1	14.7	18.3	24.9	15.2	19.9
20-24 years	18.6	15.0	16.8	28.2	14.4	21.3
25-29 years	22.3	17.2	19.8	19.2	19.3	19.3
30-34 years	19.4	16.9	18.2	23.9	17.6	20.9
35-39 years	23.1	14.7	19.0	31.1	15.7	23.6
40-44 years	19.6	13.4	16.5	27.1	14.0	20.7
45-49 years	16.6	12.2	14.4	20.0	11.3	15.7
50-54 years	8.0	11.3	9.6	13.7	9.6	11.7
55-59 years	6.1	8.0	7.0	7.3	10.5	8.9
60-64 years	4.6	7.6	6.1	4.1	7.6	5.8
65-69 years	2.0	3.6	2.8	3.0	6.2	4.6
70-74 years	1.1	4.8	2.8	5.8	4.7	5.3
75-79 years	1.9	0.9	1.5	2.4	5.6	3.8
80-84 years	1.8	1.6	1.7	4.3	2.8	3.7
85+ years	2.2	2.6	2.3	2.9	2.2	2.7
Total	12.0	9.8	10.9	15.3	10.2	12.8

Data Source: New Zealand Health Information Service  
Data provided by Injury Prevention Research Unit, The University of Auckland

**Number of hospitalisations within New Zealand between 1997 and 2002  
the principal diagnosis was ICD-10 'T51.0' (Toxic effect of ethanol)**

Age Group	1997-1999			2000-2002		
	Female	Male	Total	Female	Male	Total
00-04 years	8	7	15	6	2	8
05-09 years	0	1	1	0	0	0
10-14 years	14	14	28	32	25	57
15-19 years	32	30	62	30	28	58
20-24 years	11	11	22	10	10	20
25-29 years	9	3	12	6	7	13
30-34 years	7	7	14	9	15	24
35-39 years	9	9	18	9	8	17
40-44 years	10	12	22	4	12	16
45-49 years	7	10	17	7	9	16
50-54 years	4	11	15	4	2	6
55-59 years	6	6	12	0	5	5
60-64 years	3	7	10	2	2	4
65-69 years	2	3	5	2	3	5
70-74 years	1	2	3	3	1	4
75-79 years	0	0	0	1	1	2
80-84 years	0	0	0	0	0	0
85+ years	1	0	1	1	1	2
Total	124	133	257	126	131	257

**Rates (per 100,000) within New Zealand between 1997 and 2002  
where the principal diagnosis was ICD-10 'T51.0' (Toxic effect of ethanol)**

Age Group	1997-1999			2000-2002		
	Female	Male	Total	Female	Male	Total
00-04 years	1.9	1.6	1.7	1.5	0.5	0.9
05-09 years	0.0	0.2	0.1	0.0	0.0	0.0
10-14 years	4.5	3.3	3.8	7.3	5.4	6.3
15-19 years	8.0	7.2	7.6	7.3	6.5	6.9
20-24 years	2.8	2.8	2.8	2.6	2.6	2.6
25-29 years	2.1	0.7	1.4	1.5	2.5	1.9
30-34 years	1.5	1.6	1.6	2.0	3.6	2.7
35-39 years	1.9	2.0	1.9	1.9	1.8	1.8
40-44 years	2.4	2.9	2.6	0.9	2.7	1.8
45-49 years	1.8	2.6	2.2	1.8	2.3	2.0
50-54 years	1.2	3.4	2.3	1.1	0.6	0.8
55-59 years	2.3	2.3	2.3	0.0	1.7	0.9
60-64 years	1.4	3.3	2.3	0.8	0.8	0.8
65-69 years	1.0	1.5	1.3	1.0	1.6	1.3
70-74 years	0.5	1.2	0.8	1.6	0.6	1.1
75-79 years	0.0	0.0	0.0	0.6	0.8	0.7
80-84 years	0.0	0.0	0.0	0.0	0.0	0.0
85+ years	1.1	0.0	0.8	1.0	2.2	1.3
Total	2.2	2.4	2.3	2.1	2.3	2.2

**Number of hospitalisations within New Zealand between 1997 and 2002  
where at least one of the diagnoses was ICD-10 'T51.0' (Toxic effect of ethanol)**

<b>District Health Board</b>	<b>1997-1999</b>	<b>Rate (per 100,000)</b>	<b>2000-2002</b>	<b>Rate (per 100,000)</b>
Auckland	165	15.5	266	24.1
Bay of Plenty	33	6.5	66	12.3
Canterbury	213	17.0	178	13.9
Capital and Coast	48	6.7	27	3.7
Counties Manukau	73	6.8	132	11.7
Hawkes Bay	67	15.6	64	14.9
Hutt	22	5.5	25	6.3
Lakes	28	9.8	28	9.7
Mid Central	58	12.3	38	8.2
Nelson Marlborough	40	11.2	39	10.6
Northland	39	9.4	46	10.9
Otago	95	18.2	91	17.8
South Canterbury	38	23.6	31	19.6
Southland	25	7.9	34	11.0
Tairāwhiti	11	8.1	17	12.9
Taranaki	31	9.8	34	11.0
Waikato	60	6.4	75	7.9
Wairarapa	6	5.2	9	7.9
Waitemata	134	10.9	224	17.4
West Coast	12	12.7	16	17.6
Whanganui	43	21.7	45	23.6
Unspecified	9		11	
<b>Total</b>	<b>1250</b>	<b>11.4</b>	<b>1496</b>	<b>13.3</b>

**Number of hospitalisations within New Zealand between 1997 and 2002  
where the principal diagnosis was ICD-10 'T51.0' (Toxic effect of ethanol)**

<b>District Health Board</b>	<b>1997-1999</b>	<b>Rate (per 100,000)</b>	<b>2000-2002</b>	<b>Rate (per 100,000)</b>
Auckland	26	2.4	28	2.5
Bay of Plenty	8	1.6	23	4.3
Canterbury	41	3.3	27	2.1
Capital and Coast	17	2.4	9	1.2
Counties Manukau	19	1.8	22	2.0
Hawkes Bay	12	2.8	16	3.7
Hutt	2	0.5	1	0.3
Lakes	12	4.2	9	3.1
Mid Central	10	2.1	5	1.1
Nelson Marlborough	6	1.7	6	1.6
Northland	15	3.6	15	3.6
Otago	12	2.3	10	2.0
South Canterbury	11	6.8	9	5.7
Southland	4	1.3	5	1.6
Tairāwhiti	5	3.7	5	3.8
Taranaki	6	1.9	1	0.3
Waikato	12	1.3	16	1.7
Wairarapa	4	3.5	0	0.0
Waitemata	15	1.2	28	2.2
West Coast	3	3.2	4	4.4
Whanganui	13	6.6	17	8.9
Unspecified	4		1	
<b>Total</b>	<b>257</b>	<b>2.3</b>	<b>257</b>	<b>2.3</b>

**Number of hospitalisations within New Zealand between 1997 and 2002  
where at least one of the diagnoses was ICD-10 'T51.0' (Toxic effect of ethanol)**

<b>Ethnicity</b>	<b>1997-1999</b>	<b>2000-2002</b>
European	918	1120
NZ Maori	169	200
Pacific Island	17	31
Asian	23	42
Other	77	66
Unknown	46	37
<b>Total</b>	<b>1250</b>	<b>1496</b>

**Number of hospitalisations within New Zealand between 1997 and 2002  
where the principal diagnosis was ICD-10 'T51.0' (Toxic effect of ethanol)**

<b>Ethnicity</b>	<b>1997-1999</b>	<b>2000-2002</b>
European	173	161
NZ Maori	46	55
Pacific Island	4	9
Asian	4	11
Other	17	12
Unknown	13	9
<b>Total</b>	<b>257</b>	<b>257</b>