

Appendix B: 'Excess' deaths

Table B1: The average number of 'excess' deaths that occur in each area, each year, due to a range of causes. 'Excess' deaths are calculated by subtracting the total number of deaths expected from the total number of deaths observed. The number of expected deaths is calculated by applying the death rates for males and females from Major Cities to the population in each area.

Table B2: The average number of deaths of non-Indigenous people that occur each year, in 'excess' of what would be expected if Major Cities rates for non-Indigenous people were experienced in each area.

Table B3: The average number of deaths of Indigenous people that occur each year, in 'excess' of what would be expected if Major Cities rates for non-Indigenous people were experienced by those Indigenous people.

In Tables B2 and B3, the number of expected deaths is calculated by applying the death rates for non-Indigenous males and females from Major Cities to the population in each area.

If the value in a cell for an area is zero, then death rates in that area can be regarded as the same as those in Major Cities.

Where a positive value is indicated, there were more deaths than expected.

Where a negative value is indicated, there were fewer deaths than expected.

It is not possible to subtract numbers in Table B2 from those in Table B1 so as to derive the number of Indigenous deaths in 'excess' in each area. This is because the 'excess' in each of the two tables has been calculated using two different (but similar) standards and are not strictly comparable. The 'excess' in Table B1 has been calculated using death rates for people who live in Major Cities as the standard, whereas the 'excess' in Table B2 has been calculated using death rates for non-Indigenous people who live in Major Cities. In addition, such numbers (derived by subtracting figures in Table B2 from Table B1) may be misleading because of the overall inaccuracies in the identification of Indigenous deaths, and also because of the likely difference in the quality of identification in each of the areas.

Table B1: Annual number of 'excess' deaths

Males, Inner Regional areas

Disease	Age group (years)									Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
	(number)									
Cancers										
Lung	—	—	—	—	4	11	14	7	-18	18
Colorectal	—	—	—	-1	7	16	11	2	6	40
Breast	—	—	—	—	—	—	1	-1	—	-1
Cervical	..	..	..	..	..	..	..	..	..	..
Prostate	—	—	—	—	—	4	23	23	23	73
Melanoma	—	—	—	3	4	11	8	6	2	34
'Other'	—	1	4	1	7	38	14	-4	4	67
All cancers	1	1	4	4	22	80	71	32	17	232
Diseases of the circulatory system										
Stroke	—	—	—	-2	1	-2	-1	11	27	34
Ischaemic heart disease	—	—	3	6	13	31	60	133	82	328
Rheumatic heart disease	—	—	—	—	1	-1	-2	3	-1	-1
'Other'	1	—	—	-1	8	11	12	17	56	102
All circulatory	1	—	3	2	24	38	69	163	164	463
Diseases of the respiratory system										
COPD	—	—	—	—	1	10	55	61	25	151
Pneumonia	-1	—	—	—	—	—	-3	-7	-18	-28
Asthma	—	1	-1	1	1	1	-2	—	2	3
Influenza	1	—	—	—	—	1	1	2	4	8
'Other'	—	—	1	—	—	1	-5	-6	-22	-31
All respiratory	-1	1	1	2	2	14	46	49	-9	103
Injury										
Motor vehicle accidents	4	24	31	24	18	11	7	3	1	122
Suicide	—	10	26	22	22	16	2	-1	2	100
Interpersonal violence	-2	—	1	-4	-2	-1	—	—	—	-8
Accidental shooting	—	1	—	—	—	1	1	—	—	4
'Other'	8	6	12	-2	4	1	1	2	6	40
All injury	10	41	70	40	42	28	12	6	8	257
All other causes										
Diabetes	—	—	1	—	—	-6	-3	-2	13	2
Renal disease	—	—	—	—	—	1	2	1	-3	1
'Other' causes <i>n.e.d.</i>	9	-4	-6	-27	-21	-7	-4	6	-9	-63
All other causes	9	-4	-5	-28	-21	-13	-5	5	3	-59
Total	19	39	73	20	68	148	193	254	182	997

(continued)

Table B1 (continued): Annual number of 'excess' deaths

Males, Outer Regional areas

Disease	Age group (years)									Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
	(number)									
Cancers										
Lung	—	—	—	2	-1	16	34	6	-16	41
Colorectal	—	—	—	1	1	1	5	7	—	15
Breast	—	—	—	—	1	—	-1	—	—	—
Cervical	..	..	..	..	..	..	..	..	..	..
Prostate	—	—	—	—	—	2	12	31	7	52
Melanoma	—	—	—	1	1	3	2	—	-2	4
'Other'	-1	-1	2	-2	3	20	20	-11	-8	24
All cancers	-1	-1	2	1	5	42	73	32	-19	135
Diseases of the circulatory system										
Stroke	—	—	—	—	2	—	9	20	-11	20
Ischaemic heart disease	—	—	—	8	12	42	40	40	-5	137
Rheumatic heart disease	—	—	—	—	—	—	—	2	1	4
'Other'	1	—	—	—	8	17	25	23	42	116
All circulatory	1	—	—	8	21	59	75	85	27	276
Diseases of the respiratory system										
COPD	—	—	—	—	—	10	39	55	28	133
Pneumonia	—	—	1	—	1	1	3	-3	-6	-3
Asthma	—	—	—	—	3	1	-1	1	1	6
Influenza	—	—	—	—	—	—	—	1	5	6
'Other'	—	1	1	1	1	2	-1	-3	-13	-12
All respiratory	—	1	2	2	5	15	40	52	13	130
Injury										
Motor vehicle accidents	3	16	28	17	13	7	5	1	2	91
Suicide	—	5	17	5	10	7	4	6	—	54
Interpersonal violence	-1	-1	2	-2	—	1	—	—	1	—
Accidental shooting	—	1	1	—	—	—	—	—	1	4
'Other'	8	5	11	10	13	7	8	4	—	66
All injury	10	26	60	31	37	22	17	11	3	215
All other causes										
Diabetes	—	1	1	2	—	5	5	14	11	38
Renal disease	—	—	—	—	1	—	6	3	-5	6
'Other' causes <i>n.e.d.</i>	21	-1	-5	-18	-8	16	1	1	-3	3
All other causes	21	—	-5	-16	-7	21	9	18	3	43
Total	31	25	59	26	60	159	213	198	26	798

(continued)

Table B1 (continued): Annual number of 'excess' deaths

Males, Remote areas

Disease	Age group (years)									Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
	(number)									
Cancers										
Lung	—	—	—	—	—	4	4	3	-3	8
Colorectal	—	—	—	—	—	2	1	1	-1	2
Breast	—	—	—	—	—	—	—	—	—	—
Cervical	..	..	..	..	..	..	..	..	..	..
Prostate	—	—	—	—	—	—	3	2	—	5
Melanoma	—	—	—	—	—	—	—	—	-1	-1
'Other'	-1	—	—	-1	2	2	4	-6	-2	-2
All cancers	-1	—	1	-2	1	9	12	-1	-7	12
Diseases of the circulatory system										
Stroke	—	—	—	—	1	—	1	2	-5	-1
Ischaemic heart disease	—	—	1	4	8	7	10	8	-15	23
Rheumatic heart disease	—	—	—	—	1	—	—	—	—	1
'Other'	—	—	1	2	4	4	3	2	-4	12
All circulatory	—	—	2	7	13	11	14	12	-24	35
Diseases of the respiratory system										
COPD	—	—	—	—	—	1	10	3	-2	11
Pneumonia	—	—	—	1	1	—	1	—	—	4
Asthma	—	—	—	1	—	—	—	1	1	3
Influenza	—	—	—	—	—	—	—	—	1	1
'Other'	—	—	1	1	—	1	—	-1	-3	-1
All respiratory	—	1	1	2	1	2	10	3	-3	18
Injury										
Motor vehicle accidents	—	6	7	5	2	2	2	1	—	24
Suicide	—	2	7	1	2	2	1	1	—	17
Interpersonal violence	—	—	1	—	1	1	—	—	—	3
Accidental shooting	—	—	—	1	—	—	—	—	—	1
'Other'	1	2	3	6	5	1	3	—	-1	21
All injury	1	9	18	12	11	6	6	3	-1	64
All other causes										
Diabetes	—	—	—	1	2	3	2	2	1	10
Renal disease	—	—	—	—	—	1	1	1	-2	2
'Other' causes n.e.d.	8	—	2	—	—	3	4	4	-7	16
All other causes	8	1	2	1	2	7	6	8	-7	28
Total	9	11	24	21	28	34	49	24	-43	156

(continued)

Table B1 (continued): Annual number of 'excess' deaths

Males, Very Remote areas

Disease	Age group (years)									Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
	(number)									
Cancers										
Lung	—	—	—	—	2	5	2	1	-2	8
Colorectal	—	—	—	—	—	-1	-1	—	-2	-6
Breast	—	—	—	—	—	—	—	—	—	—
Cervical	..	..	..	..	..	..	..	..	..	..
Prostate	—	—	—	—	—	—	1	1	-2	—
Melanoma	—	—	—	—	—	-1	—	-1	—	-2
'Other'	1	—	-1	3	1	1	2	-2	-6	-1
All cancers	1	—	-1	3	2	4	4	-1	-13	—
Diseases of the circulatory system										
Stroke	—	—	—	2	2	2	4	5	-5	11
Ischaemic heart disease	—	—	—	7	17	11	11	3	-19	31
Rheumatic heart disease	—	1	1	1	—	—	—	—	—	4
'Other'	1	1	1	1	3	2	2	2	-6	7
All circulatory	1	1	2	11	23	16	18	10	-30	52
Diseases of the respiratory system										
COPD	—	—	—	—	1	3	9	5	-2	15
Pneumonia	2	—	—	1	1	1	—	1	—	6
Asthma	—	—	—	—	—	1	—	—	—	—
Influenza	—	—	—	—	—	—	—	—	—	—
'Other'	—	—	—	2	1	2	1	—	-2	4
All respiratory	2	—	—	4	2	6	9	5	-3	26
Injury										
Motor vehicle accidents	1	3	6	6	6	2	1	—	—	26
Suicide	—	3	8	—	1	—	—	—	—	12
Interpersonal violence	—	1	2	1	2	1	—	—	—	7
Accidental shooting	—	—	—	—	—	—	—	—	—	1
'Other'	3	2	—	4	7	2	2	—	-1	19
All injury	4	9	16	12	17	5	4	—	-1	65
All other causes										
Diabetes	—	—	—	2	5	4	4	1	-1	15
Renal disease	—	—	—	1	—	1	1	3	-1	7
'Other' causes <i>n.e.d.</i>	14	1	4	7	8	6	4	3	-7	41
All other causes	13	1	5	8	14	11	9	8	-9	61
Total	21	12	22	39	59	42	44	21	-55	205

(continued)

Table B1 (continued): Annual number of 'excess' deaths

Females, Inner Regional areas

Disease	Age group (years)									Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
	(number)									
Cancers										
Lung	—	—	—	—	7	4	—	-24	-3	-16
Colorectal	—	—	—	-1	5	7	16	6	10	42
Breast	—	—	1	2	-4	9	-7	—	-4	-3
Cervical	—	—	—	2	-1	—	-2	1	-3	-3
Prostate	..	..	..	..	..	..	..	..	..	..
Melanoma	—	—	—	1	1	-1	2	-1	-2	1
'Other'	—	-3	3	4	4	-3	5	-14	-18	-22
All cancers	—	-3	3	8	13	16	14	-31	-19	—
Diseases of the circulatory system										
Stroke	—	-1	—	1	2	4	2	-7	29	31
Ischaemic heart disease	—	—	—	—	2	11	27	49	48	137
Rheumatic heart disease	—	—	—	—	-1	—	—	1	-1	-2
'Other'	—	-1	—	2	1	7	2	27	112	151
All circulatory	-1	-2	—	3	5	22	31	70	189	317
Diseases of the respiratory system										
COPD	—	—	—	1	1	4	15	27	-24	25
Pneumonia	—	—	—	2	—	2	—	1	-9	-4
Asthma	—	1	—	1	—	—	3	4	-5	4
Influenza	—	—	—	—	—	1	-1	2	4	6
'Other'	—	—	—	-1	-1	1	-2	-16	-13	-32
All respiratory	—	—	—	2	1	8	16	18	-47	-2
Injury										
Motor vehicle accidents	3	12	12	8	6	7	3	3	2	56
Suicide	—	1	—	-2	5	1	—	-1	—	3
Interpersonal violence	—	—	—	—	-1	1	—	-1	—	-2
Accidental shooting	—	—	1	—	—	—	—	—	—	1
'Other'	4	3	-1	2	4	-3	2	2	17	30
All injury	7	16	12	8	14	6	5	2	19	88
All other causes										
Diabetes	—	-1	—	—	2	-1	-3	7	28	31
Renal disease	—	1	—	1	—	1	4	—	-5	1
'Other' causes <i>n.e.d.</i>	-4	-2	-1	5	-5	13	13	16	54	89
All other causes	-4	-2	-1	5	-3	12	14	21	77	120
Total	1	9	14	26	29	64	80	81	221	526

(continued)

Table B1 (continued): Annual number of 'excess' deaths

Females, Outer Regional areas

Disease	Age group (years)									Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
	(number)									
Cancers										
Lung	—	—	—	—	1	1	-6	-2	-8	-15
Colorectal	—	—	—	-1	4	1	10	6	7	27
Breast	—	—	—	1	-1	2	-8	5	-1	-2
Cervical	—	—	1	—	—	1	1	2	3	7
Prostate	..	..	..	..	..	..	..	..	..	..
Melanoma	—	1	—	1	-1	2	-1	-1	-1	—
'Other'	-2	-2	—	—	-2	7	4	-3	-22	-20
All cancers	-2	-1	—	—	1	14	-1	7	-23	-2
Diseases of the circulatory system										
Stroke	—	—	2	3	3	1	7	22	-37	—
Ischaemic heart disease	—	—	1	2	7	15	24	72	-31	91
Rheumatic heart disease	—	—	—	—	1	1	2	1	—	6
'Other'	-1	1	1	-2	—	6	5	29	65	105
All circulatory	-1	—	5	4	11	24	37	124	-3	202
Diseases of the respiratory system										
COPD	—	—	—	—	—	3	12	18	-10	24
Pneumonia	—	—	—	—	1	1	—	2	-2	2
Asthma	-1	—	—	—	3	—	2	-1	1	5
Influenza	—	—	—	—	—	—	—	—	4	3
'Other'	—	—	1	1	1	2	1	-4	-8	-8
All respiratory	-1	—	1	1	5	6	15	15	-16	26
Injury										
Motor vehicle accidents	2	6	9	6	4	3	5	1	—	36
Suicide	—	1	1	1	—	-2	-3	—	—	-2
Interpersonal violence	1	—	—	—	—	—	—	—	—	—
Accidental shooting	—	—	—	—	—	—	—	—	—	1
'Other'	2	1	-2	-3	3	2	—	7	15	25
All injury	5	8	7	4	7	3	3	8	15	60
All other causes										
Diabetes	—	—	—	—	1	6	14	14	23	57
Renal disease	—	—	—	—	1	1	2	2	4	11
'Other' causes n.e.d.	3	1	—	-1	7	11	6	22	31	80
All other causes	3	1	—	—	9	19	22	38	58	149
Total	5	8	13	9	33	66	76	193	32	435

(continued)

Table B1 (continued): Annual number of 'excess' deaths

Females, Remote areas

Disease	Age group (years)									Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
	(number)									
Cancers										
Lung	—	—	—	—	1	—	3	—	—	4
Colorectal	—	—	—	—	—	-1	1	2	-4	-2
Breast	—	—	—	—	—	-1	-2	—	-1	-4
Cervical	—	—	—	—	—	—	1	—	—	2
Prostate	..	..	..	..	..	..	..	..	..	..
Melanoma	—	—	—	—	—	—	—	—	—	—
'Other'	-1	—	—	—	-2	1	4	-3	-7	-9
All cancers	-1	—	-1	—	-1	—	7	-2	-12	-9
Diseases of the circulatory system										
Stroke	—	—	—	1	2	—	1	—	-11	-7
Ischaemic heart disease	—	—	—	—	1	4	6	4	-13	2
Rheumatic heart disease	—	—	1	1	—	—	—	—	—	3
'Other'	—	—	1	—	1	1	2	5	3	14
All circulatory	—	—	3	2	4	6	10	9	-21	12
Diseases of the respiratory system										
COPD	—	—	—	—	—	2	5	2	-1	8
Pneumonia	—	—	—	1	1	—	1	—	1	3
Asthma	—	—	—	—	—	—	—	—	—	—
Influenza	—	—	—	—	—	—	—	—	2	2
'Other'	—	—	—	—	—	1	—	—	-1	—
All respiratory	1	—	—	1	1	4	6	2	—	14
Injury										
Motor vehicle accidents	—	2	2	1	2	—	—	—	1	8
Suicide	—	—	-1	—	—	—	-1	—	—	-1
Interpersonal violence	—	—	1	—	1	—	—	—	—	3
Accidental shooting	—	—	—	—	—	—	—	—	—	—
'Other'	1	2	—	—	1	1	—	2	1	7
All injury	1	5	3	1	3	2	—	2	1	17
All other causes										
Diabetes	—	—	—	1	2	2	3	6	—	13
Renal disease	—	—	—	1	—	1	—	4	-2	4
'Other' causes n.e.d.	4	1	2	5	3	4	2	—	-14	7
All other causes	4	1	2	7	4	7	5	8	-15	23
Total	5	5	8	11	12	18	27	19	-47	57

(continued)

Table B1 (continued): Annual number of 'excess' deaths

Females, Very Remote areas

Disease	Age group (years)									Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
	(number)									
Cancers										
Lung	—	—	—	—	2	—	3	-1	-1	4
Colorectal	—	—	—	—	1	—	-1	—	-1	-2
Breast	—	—	—	—	-1	-1	1	-1	-1	-2
Cervical	—	—	—	—	1	—	—	1	—	3
Prostate	..	..	..	..	..	..	..	..	..	..
Melanoma	—	—	—	—	—	—	—	—	—	—
'Other'	—	—	1	—	—	1	5	1	-4	3
All cancers	—	—	1	—	3	1	8	—	-7	6
Diseases of the circulatory system										
Stroke	—	—	—	1	2	2	1	1	-9	-2
Ischaemic heart disease	—	—	—	1	7	5	5	4	-17	6
Rheumatic heart disease	—	—	1	1	1	—	1	—	—	3
'Other'	—	—	1	—	2	2	6	4	-4	11
All circulatory	—	—	3	3	11	9	12	9	-30	17
Diseases of the respiratory system										
COPD	—	—	—	—	1	3	3	1	-1	6
Pneumonia	1	—	—	1	1	1	1	1	1	6
Asthma	—	—	1	1	—	—	—	—	—	1
Influenza	—	—	—	—	—	—	—	—	—	—
'Other'	—	—	—	—	1	1	—	—	-1	1
All respiratory	1	—	1	2	2	4	4	2	-1	15
Injury										
Motor vehicle accidents	1	2	3	1	—	—	—	—	—	7
Suicide	—	1	—	—	—	—	—	—	—	1
Interpersonal violence	—	—	2	3	1	—	—	—	—	7
Accidental shooting	—	—	—	—	—	—	—	—	—	—
'Other'	2	1	2	2	—	1	1	—	-1	7
All injury	4	4	6	6	1	1	1	—	-1	21
All other causes										
Diabetes	—	—	—	1	4	6	7	5	—	23
Renal disease	—	—	1	1	2	3	2	3	1	11
'Other' causes <i>n.e.d.</i>	16	2	2	4	3	3	7	5	-4	37
All other causes	16	2	2	5	9	11	14	13	-3	69
Total	20	6	12	16	26	26	39	24	-41	128

Note: Expected and 'excess' deaths are rarely whole numbers. Rounding may result in individual cells not adding exactly to totals.

Source: AIHW National Mortality Database.

Table B2: Annual number of 'excess' deaths of non-Indigenous people

Non-Indigenous Males, Inner Regional areas

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	—	4	11	13	-12	16
Colorectal	—	—	—	-1	7	15	11	8	40
Breast	—	—	—	—	—	—	1	-1	-1
Cervical	..	..	..	..	..	..	..	..	..
Prostate	—	—	—	—	—	4	23	46	73
Melanoma	—	—	—	3	4	11	8	8	34
'Other'	1	1	4	2	7	38	16	1	71
All cancers	1	1	4	5	22	79	71	50	233
Diseases of the circulatory system									
Stroke	—	—	—	-2	1	-2	-1	38	33
Ischaemic heart disease	—	—	2	5	11	28	59	212	317
Rheumatic heart disease	—	—	—	—	1	-1	-2	2	-1
'Other'	—	—	—	-2	9	10	11	71	100
All circulatory	1	—	2	1	22	35	67	322	449
Diseases of the respiratory system									
COPD	—	—	—	—	—	10	53	84	147
Pneumonia	-1	—	—	—	1	1	-3	-26	-28
Asthma	—	1	—	1	1	1	-2	1	3
Influenza	1	—	—	—	—	1	—	6	7
'Other'	—	1	1	1	-1	1	-5	-28	-31
All respiratory	-1	2	1	2	1	13	44	37	98
Injury									
Motor vehicle accidents	4	23	30	25	19	11	7	4	123
Suicide	—	10	26	22	21	16	3	1	98
Interpersonal violence	-2	—	—	-4	-2	-1	—	—	-8
Accidental shooting	—	1	—	—	—	1	1	—	4
'Other'	7	5	13	-3	4	2	2	8	37
All injury	9	39	69	41	42	28	13	13	254
All other causes									
Diabetes	—	—	2	—	-2	-6	-3	10	1
Renal disease	—	—	—	—	—	1	2	-5	-1
'Other' causes <i>n.e.d.</i>	7	-4	-6	-26	-21	-8	-4	-2	-63
All other causes	7	-4	-4	-26	-22	-14	-5	5	-63

(continued)

Table B2 (continued): Annual number of 'excess' deaths

Non-Indigenous Males, Outer Regional areas

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	1	-1	14	34	-10	38
Colorectal	—	—	—	1	1	2	4	8	16
Breast	—	—	—	—	1	—	-1	—	—
Cervical	..	..	..	..	..	..	..	..	..
Prostate	—	—	—	—	—	2	12	41	54
Melanoma	—	—	—	1	2	3	2	-2	5
'Other'	-1	-1	2	-3	—	15	20	-16	17
All cancers	-1	-1	2	—	2	36	71	20	129
Diseases of the circulatory system									
Stroke	—	—	—	—	—	—	7	14	20
Ischaemic heart disease	—	—	-1	3	4	29	33	44	112
Rheumatic heart disease	—	—	—	—	—	—	—	2	2
'Other'	1	—	-1	1	6	14	22	68	111
All circulatory	1	—	-2	3	10	43	61	129	246
Diseases of the respiratory system									
COPD	—	—	—	—	—	7	37	83	127
Pneumonia	-1	—	—	—	1	—	1	-8	-7
Asthma	—	—	—	—	2	1	-1	1	3
Influenza	—	—	—	—	—	—	—	6	6
'Other'	-1	1	1	—	—	1	-1	-16	-15
All respiratory	-1	1	1	—	2	9	36	67	115
Injury									
Motor vehicle accidents	2	14	26	16	11	7	5	3	84
Suicide	—	3	13	4	10	7	4	6	46
Interpersonal violence	-1	-1	1	-2	—	1	—	1	-2
Accidental shooting	—	1	1	—	—	—	—	1	4
'Other'	7	5	8	7	13	6	8	5	57
All injury	8	21	49	25	34	20	18	15	190
All other causes									
Diabetes	—	1	—	1	-2	1	2	23	26
Renal disease	—	—	—	1	—	-1	5	-3	2
'Other' causes <i>n.e.d.</i>	8	-2	-7	-20	-14	12	-2	3	-21
All other causes	7	-1	-7	-19	-15	13	3	23	5
Total	14	20	44	10	34	121	189	252	683

(continued)

Table B2 (continued): Annual number of 'excess' deaths

Non-Indigenous Males, Remote areas

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	—	—	3	4	1	8
Colorectal	—	—	—	—	—	2	—	-1	1
Breast	—	—	—	—	—	—	—	—	—
Cervical	..	..	..	..	..	..	..	..	..
Prostate	—	—	—	—	—	—	3	3	6
Melanoma	—	—	—	—	—	—	—	-1	-1
'Other'	-1	—	—	-1	—	—	3	-7	-6
All cancers	-1	—	—	-1	-1	6	10	-5	8
Diseases of the circulatory system									
Stroke	—	—	—	—	—	-1	—	-3	-5
Ischaemic heart disease	—	—	—	1	1	3	6	-4	7
Rheumatic heart disease	—	—	—	—	—	1	—	—	—
'Other'	—	—	—	—	2	2	2	—	6
All circulatory	—	—	1	1	3	4	8	-7	8
Diseases of the respiratory system									
COPD	—	—	—	—	—	—	8	—	8
Pneumonia	—	—	—	—	—	—	—	1	1
Asthma	—	1	—	1	—	—	—	2	3
Influenza	—	—	—	—	—	—	—	1	1
'Other'	—	—	—	—	—	—	-1	-4	-4
All respiratory	—	1	—	1	—	—	7	-1	8
Injury									
Motor vehicle accidents	—	4	6	4	1	1	2	1	18
Suicide	—	1	3	-1	2	2	1	1	9
Interpersonal violence	—	—	1	-1	1	1	—	—	1
Accidental shooting	—	—	—	1	—	—	—	—	1
'Other'	1	1	1	5	3	1	3	—	14
All injury	—	6	11	7	7	5	5	2	44
All other causes									
Diabetes	—	—	—	—	—	1	—	3	4
Renal disease	—	—	—	—	—	—	—	-2	-1
'Other' causes n.e.d.	2	—	-1	-5	-4	—	2	-3	-9
All other causes	2	1	-1	-5	-4	1	2	-1	-6
Total	2	7	11	2	5	16	33	-14	61

(continued)

Table B2 (continued): Annual number of 'excess' deaths

Non-Indigenous Males, Very Remote areas

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	—	1	4	1	-2	4
Colorectal	—	—	—	—	—	-1	-1	-1	-4
Breast	—	—	—	—	—	—	—	—	—
Cervical	..	..	..	..	..	..	..	..	..
Prostate	—	—	—	—	—	—	2	—	2
Melanoma	—	—	—	—	—	—	—	-1	-1
'Other'	—	—	—	—	-1	-1	-1	-8	-12
All cancers	—	—	—	—	—	1	2	-13	-11
Diseases of the circulatory system									
Stroke	—	—	—	—	1	—	1	-1	1
Ischaemic heart disease	—	—	—	—	2	1	4	-10	-3
Rheumatic heart disease	—	—	—	—	—	—	—	—	—
'Other'	—	—	—	—	1	—	—	-4	-3
All circulatory	—	—	—	—	3	1	5	-15	-5
Diseases of the respiratory system									
COPD	—	—	—	—	—	1	4	—	6
Pneumonia	—	—	—	—	—	—	—	1	1
Asthma	—	—	—	—	—	—	—	—	—
Influenza	—	—	—	—	—	—	—	—	—
'Other'	—	—	—	—	—	—	-1	-1	-2
All respiratory	—	—	—	—	—	2	4	-1	5
Injury									
Motor vehicle accidents	—	2	3	2	2	1	—	—	9
Suicide	—	—	—	-1	—	1	1	—	1
Interpersonal violence	—	—	—	—	1	—	—	—	2
Accidental shooting	—	—	—	—	—	—	—	—	1
'Other'	1	—	—	2	5	1	1	—	9
All injury	1	3	2	3	8	3	2	—	21
All other causes									
Diabetes	—	—	—	—	—	-1	—	-2	-3
Renal disease	—	—	—	—	—	—	—	1	—
'Other' causes n.e.d.	—	—	-2	-1	-2	-1	1	-4	-8
All other causes	—	—	-2	-1	-2	-1	1	-5	-11
Total	1	3	—	2	9	5	14	-34	—

(continued)

Table B2 (continued): Annual number of 'excess' deaths

Non-Indigenous Females, Inner Regional areas

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	—	8	3	-1	-26	-17
Colorectal	—	—	—	-1	5	7	16	13	40
Breast	—	—	—	2	-3	9	-8	-4	-4
Cervical	—	—	—	2	-1	—	-2	-2	-3
Prostate	..	..	..	..	..	..	..	..	..
Melanoma	—	—	—	1	1	-1	2	-3	1
'Other'	—	-3	3	4	5	-2	5	-38	-27
All cancers	—	-3	3	8	14	16	12	-60	-10
Diseases of the circulatory system									
Stroke	—	-1	—	1	2	4	1	—	8
Ischaemic heart disease	—	—	—	—	1	9	26	64	100
Rheumatic heart disease	—	—	—	—	-1	—	—	—	-1
'Other'	-1	-1	—	2	1	7	2	122	133
All circulatory	-1	-2	—	3	4	20	29	186	239
Diseases of the respiratory system									
COPD	—	—	—	1	1	3	14	1	21
Pneumonia	—	—	—	1	—	2	—	-12	-9
Asthma	—	1	—	1	—	—	3	-1	4
Influenza	—	—	—	—	—	1	-1	5	6
'Other'	—	—	—	-1	-1	2	-1	-31	-33
All respiratory	—	—	—	2	1	7	16	-38	-11
Injury									
Motor vehicle accidents	3	12	11	8	6	7	3	5	55
Suicide	—	2	1	-2	5	1	—	-2	4
Interpersonal violence	—	—	—	1	-1	1	—	-1	-2
Accidental shooting	—	—	1	—	—	—	—	—	1
'Other'	3	3	-1	1	4	-3	2	16	26
All injury	6	16	12	8	14	6	5	18	85
All other causes									
Diabetes	—	-1	—	1	1	-1	-5	33	29
Renal disease	—	1	—	—	—	1	4	-8	-2
'Other' causes <i>n.e.d.</i>	-4	-1	—	4	-4	12	14	51	71
All other causes	-4	-1	-1	5	-3	12	13	76	96
Total	1	10	15	26	30	61	74	184	402

(continued)

Table B2 (continued): Annual number of 'excess' deaths

Non-Indigenous Females, Outer Regional areas

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	-1	—	-1	-7	-11	-19
Colorectal	—	—	—	-1	4	1	10	13	28
Breast	—	—	—	1	-1	3	-9	4	-2
Cervical	—	—	1	—	-1	1	—	3	4
Prostate	..	..	..	..	..	..	..	..	..
Melanoma	—	1	—	1	—	3	-1	-2	1
'Other'	-2	-2	—	—	-2	6	2	-24	-21
All cancers	-2	-1	—	1	—	13	-4	-16	-9
Diseases of the circulatory system									
Stroke	—	—	1	2	2	—	3	-16	-8
Ischaemic heart disease	—	—	—	1	2	10	17	42	72
Rheumatic heart disease	—	—	—	—	—	1	2	—	2
'Other'	-1	—	1	-2	—	5	4	94	101
All circulatory	—	—	2	1	5	15	25	119	167
Diseases of the respiratory system									
COPD	—	—	—	—	—	3	10	7	19
Pneumonia	—	—	—	—	—	1	—	—	1
Asthma	-1	—	—	—	2	—	2	—	3
Influenza	—	—	—	—	—	—	—	4	3
'Other'	—	—	1	—	-1	1	1	-13	-11
All respiratory	-1	—	1	—	1	4	12	-2	15
Injury									
Motor vehicle accidents	2	6	7	5	3	2	5	1	31
Suicide	—	—	—	—	—	-2	-2	—	-4
Interpersonal violence	—	-1	-1	-1	—	—	—	—	-3
Accidental shooting	—	—	—	—	—	—	—	—	1
'Other'	1	—	-2	-2	1	2	—	22	21
All injury	3	6	4	1	5	2	2	24	46
All other causes									
Diabetes	—	—	—	—	-1	3	8	33	42
Renal disease	—	—	—	—	—	—	1	6	7
'Other' causes <i>n.e.d.</i>	-3	1	—	-3	3	5	4	54	61
All other causes	-3	1	—	-3	3	8	13	92	111
Total	-3	5	7	1	12	43	49	217	331

(continued)

Table B2 (continued): Annual number of 'excess' deaths

Non-Indigenous Females, Remote areas

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	—	1	—	2	—	2
Colorectal	—	—	—	—	—	-1	2	-1	-1
Breast	—	—	—	—	—	-1	-1	-1	-4
Cervical	—	—	—	—	—	—	1	—	—
Prostate	..	..	..	..	..	..	..	..	..
Melanoma	—	—	—	—	—	—	—	-1	—
'Other'	-1	-1	—	—	-2	-1	3	-10	-12
All cancers	-1	-1	-1	-1	-1	-2	6	-13	-13
Diseases of the circulatory system									
Stroke	—	—	—	—	—	—	—	-10	-9
Ischaemic heart disease	—	—	—	—	—	1	3	-8	-4
Rheumatic heart disease	—	—	—	—	—	—	—	—	1
'Other'	—	—	—	—	—	—	—	8	8
All circulatory	—	—	—	—	1	1	4	-10	-5
Diseases of the respiratory system									
COPD	—	—	—	—	—	1	4	—	5
Pneumonia	—	—	—	—	—	—	—	1	1
Asthma	—	—	—	—	—	—	—	-1	—
Influenza	—	—	—	—	—	—	—	2	2
'Other'	—	—	—	—	—	1	—	-1	-1
All respiratory	—	—	—	—	—	2	4	1	7
Injury									
Motor vehicle accidents	—	2	1	—	1	—	—	—	4
Suicide	—	—	-1	—	—	—	—	—	-1
Interpersonal violence	—	—	—	—	—	—	—	—	1
Accidental shooting	—	—	—	—	—	—	—	—	—
'Other'	—	2	—	—	—	—	—	2	3
All injury	—	3	—	—	1	—	—	2	6
All other causes									
Diabetes	—	—	—	—	—	1	-1	4	5
Renal disease	—	—	—	—	—	—	—	—	—
'Other' causes n.e.d.	—	—	—	-1	—	—	1	-13	-13
All other causes	—	—	—	-1	—	1	—	-9	-8
Total	—	3	—	-2	—	3	13	-28	-12

(continued)

Table B2 (continued): Annual number of 'excess' deaths

Non-Indigenous Females, Very Remote areas

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	—	1	—	1	-1	—
Colorectal	—	—	—	—	1	—	—	-1	—
Breast	—	—	—	—	-1	-1	1	-2	-2
Cervical	—	—	—	—	—	—	—	—	—
Prostate	..	..	..	..	..	..	..	..	..
Melanoma	—	—	—	—	—	—	—	—	—
'Other'	—	—	—	—	-1	—	2	-4	-4
All cancers	—	—	—	-1	—	-1	4	-7	-6
Diseases of the circulatory system									
Stroke	—	—	—	—	—	—	—	-8	-8
Ischaemic heart disease	—	—	—	—	—	1	1	-7	-5
Rheumatic heart disease	—	—	—	—	—	—	—	—	—
'Other'	—	—	—	—	—	—	1	-3	-3
All circulatory	—	—	—	—	—	1	2	-19	-15
Diseases of the respiratory system									
COPD	—	—	—	—	—	1	1	-2	—
Pneumonia	—	—	—	—	—	—	—	-1	—
Asthma	—	—	—	—	—	—	—	—	—
Influenza	—	—	—	—	—	—	—	—	—
'Other'	—	—	—	—	—	—	—	-1	-1
All respiratory	—	—	—	—	—	1	1	-3	-1
Injury									
Motor vehicle accidents	—	—	1	—	—	—	—	—	—
Suicide	—	—	—	—	—	—	—	—	—
Interpersonal violence	—	—	—	—	—	—	—	—	1
Accidental shooting	—	—	—	—	—	—	—	—	—
'Other'	—	—	—	1	—	—	—	-1	—
All injury	1	—	1	1	-1	—	—	-1	1
All other causes									
Diabetes	—	—	—	—	—	1	1	—	2
Renal disease	—	—	—	—	—	1	—	1	1
'Other' causes <i>n.e.d.</i>	—	—	—	-1	—	—	1	-3	-3
All other causes	—	—	—	-1	-1	1	2	-2	—
Total	—	—	2	—	-1	1	9	-32	-22

Note: Expected and 'excess' deaths are rarely whole numbers. Rounding may result in individual cells not adding exactly to totals.

Source: AIHW National Mortality Database.

Table B3: Annual number of 'excess' deaths of Indigenous persons in SA, WA, NT and Qld

Males

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	1	2	6	2	3	14
Colorectal	—	—	—	—	-1	—	-1	-1	-3
Breast	—	—	—	—	—	—	—	—	—
Cervical	..	..	..	..	..	..	..	..	..
Prostate	—	—	—	—	—	—	1	-2	-1
Melanoma	—	—	—	—	—	—	—	—	-2
'Other'	—	—	—	5	5	8	8	3	30
All cancers	—	—	—	6	6	14	9	2	38
Diseases of the circulatory system									
Stroke	—	—	—	3	5	4	8	8	29
Ischaemic heart disease	—	—	2	19	37	32	22	-1	110
Rheumatic heart disease	—	1	2	2	1	—	1	1	8
'Other'	1	1	3	3	7	6	5	2	28
All circulatory	1	2	8	27	51	42	36	9	175
Diseases of the respiratory system									
COPD	—	—	—	1	1	3	7	6	19
Pneumonia	3	1	1	4	3	1	2	4	19
Asthma	—	—	—	—	1	1	—	—	2
Influenza	—	—	—	—	—	—	1	—	1
'Other'	—	—	1	4	3	3	2	1	13
All respiratory	3	1	1	9	8	9	12	11	53
Injury									
Motor vehicle accidents	2	4	7	8	6	3	1	—	31
Suicide	—	9	20	7	3	—	-1	—	38
Interpersonal violence	1	2	3	2	2	1	—	—	11
Accidental shooting	—	—	—	—	—	—	—	—	—
'Other'	6	4	7	10	6	2	2	—	37
All injury	8	18	37	28	17	6	3	-1	117
All other causes									
Diabetes	—	—	1	4	10	14	8	8	45
Renal disease	—	—	—	—	1	2	2	4	9
'Other' causes <i>n.e.d.</i>	38	2	12	20	24	18	10	9	133
All other causes	38	2	13	24	35	34	20	21	188
Total	50	24	60	94	117	103	80	42	571

(continued)

Table B3 (continued): Annual number of 'excess' deaths of Indigenous persons in SA, WA, NT and Qld

Females

Disease	Age group (years)								Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	
	(number)								
Cancers									
Lung	—	—	—	—	3	4	3	1	11
Colorectal	—	—	—	—	—	—	—	-2	-3
Breast	—	—	—	1	1	—	—	—	2
Cervical	—	—	—	1	2	—	1	2	7
Prostate	..	..	..	..	..	..	..	..	..
Melanoma	—	—	—	—	—	—	—	—	-1
'Other'	1	—	—	—	2	4	7	2	15
All cancers	1	—	—	2	6	8	11	2	30
Diseases of the circulatory system									
Stroke	—	—	1	1	5	3	6	6	21
Ischaemic heart disease	—	—	2	4	16	14	21	6	64
Rheumatic heart disease	—	—	2	3	2	1	1	1	10
'Other'	—	—	4	1	5	5	8	9	31
All circulatory	—	1	8	8	27	24	37	22	126
Diseases of the respiratory system									
COPD	—	—	—	—	1	4	6	4	15
Pneumonia	2	—	—	2	3	1	2	2	13
Asthma	—	—	—	1	1	—	—	—	3
Influenza	—	—	—	—	—	—	—	—	—
'Other'	1	—	—	2	3	3	1	1	10
All respiratory	2	—	1	4	8	8	9	8	41
Injury									
Motor vehicle accidents	2	2	5	4	1	1	—	—	15
Suicide	—	3	2	2	—	—	—	—	6
Interpersonal violence	1	1	3	5	2	—	—	—	12
Accidental shooting	—	—	—	—	—	—	—	—	—
'Other'	3	1	2	4	4	1	—	2	18
All injury	5	8	12	14	6	3	—	2	51
All other causes									
Diabetes	—	—	—	4	8	13	18	14	56
Renal disease	—	—	1	1	4	5	2	6	19
'Other' causes <i>n.e.d.</i>	25	5	6	15	16	14	9	10	99
All other causes	25	5	6	20	27	31	29	30	174
Total	34	14	27	48	75	74	85	64	422

Note: Expected and 'excess' deaths are rarely whole numbers. Rounding may result in individual cells not adding exactly to totals.

Source: AIHW National Mortality Database.