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**1992**

**DEATHS  
QUEENSLAND**

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## DEATHS, QUEENSLAND, 1992

## CONTENTS

Table	Page
.. Summary of Findings	2
<i>Diagram</i>	
1 <i>Crude death rates and infant mortality rate, Queensland, 1972 to 1992</i>	2
2 <i>Leading causes of death, Queensland, 1992</i>	3
3 <i>Leading causes of death: proportion by sex, Queensland, 1992</i>	3
4 <i>Mortality rates, heart disease, Queensland, 1982 to 1992</i>	4
5 <i>Mortality rates, malignant neoplasms, Queensland, 1982 to 1992</i>	4
<i>Table</i>	
1 Deaths: Summary, Queensland, 1976, 1981, 1986 and 1990 to 1992	5
2 Deaths: Age at death by sex, numbers, rates and proportions, Queensland, 1990 to 1992	5
3 Infant deaths and death rates: Age at death by sex, Queensland, 1992	6
4 Deaths: Month and year of occurrence, Queensland, 1987 to 1992	6
5 Deaths: State or Territory of usual residence and State or Territory of registration, 1992	6
6 Expectation of life by age and sex, Queensland, 1976, 1981, 1986 and 1990 to 1992	7
7 Deaths: Numbers and rates by statistical local area of usual residence, Queensland, 1992	8
8 Deaths: Numbers, proportions and rates for leading causes by sex, Queensland, 1992	9
9 Deaths: Leading causes by statistical division of usual residence, numbers, proportions and rates, Queensland, 1992	10
10 Deaths: Cause by sex, Queensland, 1990 to 1992	11
11 Deaths: Cause by sex and age group, Queensland, 1992	12
12 Deaths: Numbers, proportions and rates for age groups by selected causes and sex, Queensland, 1990 to 1992	15
Perinatal deaths: Fetal, neonatal and perinatal deaths, Queensland	
13 Numbers and rates by sex, 1987 to 1992	17
14 Main cause or condition in fetus/infant and mother, 1991 and 1992	17
15 Age at death, weight at delivery, period of gestation and age group of mother, 1991 and 1992	18
.. Explanatory Notes	19
.. Map: Statistical Divisions, Queensland	22
<b>APPENDIXES</b>	
A Data items available	23
B Unpublished tables	24

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## INQUIRIES

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- for information about other ABS statistics and services telephone, fax or write to Information Inquiries, Australian Bureau of Statistics (ABS), GPO Box 9817, Brisbane Q 4001.

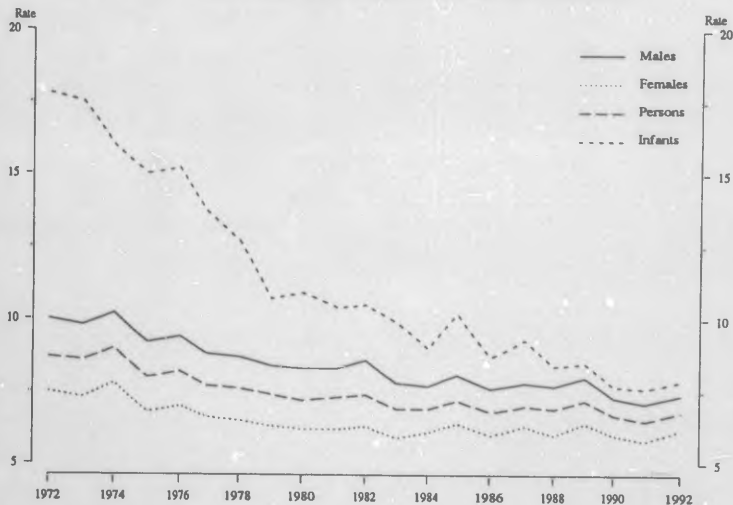
## SUMMARY OF FINDINGS

## Deaths: Overview

There were 20,496 deaths of usual residents of Queensland registered during 1992, an increase of 6.9 per cent from the figure of 19,175 for 1991. Deaths were recorded for 11,174 males and 9,322 females. The sex ratio for deaths (male deaths per 100 female deaths) decreased to a record low of 119.8 in 1992, compared with 124.2 in 1991. The median age at death in 1992 was 72.1 years for males and 78.7 years for females, compared with 70.1 and 76.7 respectively in 1982.

The crude death rate (deaths per 1,000 mean estimated resident population) increased from 6.5 in 1991 to 6.8 in 1992.

DIAGRAM 1 - CRUDE DEATH RATES AND INFANT MORTALITY RATE, QUEENSLAND



Deaths of Queensland infants aged less than 1 year increased from 335 in 1991 to 365 in 1992. Over half (51.2 per cent) of all infant deaths occurred within the first week of life. The infant mortality rate (deaths per 1,000 live births) has declined significantly in the last 20 years, falling from 17.8 in 1972 to 7.9 in 1992, as Diagram 1 indicates.

For children under 1 year of age the death rate is relatively high. It drops sharply in childhood before rising again in the late teens and early twenties. The rate then stabilises until about 45 years of age when the probability of dying rises rapidly with increasing age.

There are significant seasonal variations in the time of year in which deaths occur. The number of deaths occurring in winter is much higher than in summer, with either June, July or August recording the highest number of deaths and February the lowest.

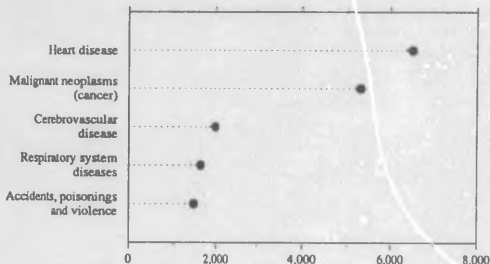
Because of the relatively lower mortality rates for females, their life expectancy is greater than for males at each age. In 1992, life expectancy at birth for Queensland infants was estimated to be 74.4 years for males compared with 80.2 years for females, indicating that, on average, a female born in 1992 will live 5.8 years longer than a male born in the same year. At age 50 years, males can expect to live another 27.6 years compared with 32.3 years for females.

SUMMARY OF FINDINGS — *continued*

## Causes of death: General

In Queensland, the two main causes of death continued to be *heart disease* and *malignant neoplasms (cancer)*, which accounted for 31.9 per cent and 25.8 per cent, respectively, of all deaths.

DIAGRAM 2 - LEADING CAUSES OF DEATH, QUEENSLAND, 1992

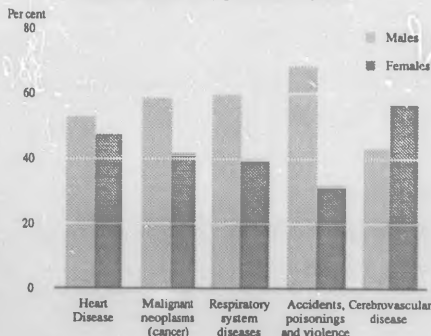


Other leading causes of death included *cerebrovascular disease*, comprising mainly stroke (9.7 per cent), *respiratory system diseases*, comprising mainly asthma, emphysema, bronchiitis, influenza and pneumonia (7.8 per cent), with *accidents, poisonings and violence* accounting for 7.0 per cent of total deaths in 1992.

## Causes of death: Analysis by sex

Consistent with previous years, the sex composition of deaths in Queensland during 1992 varied significantly for certain causes of death.

DIAGRAM 3 - LEADING CAUSES OF DEATH: PROPORTION BY SEX, QUEENSLAND, 1992



The incidence of deaths from *heart disease* was greater for males than for females, with males comprising 52.6 per cent of all *heart disease* deaths. This was consistent for *malignant neoplasms*, *respiratory system diseases* and *accidents, poisonings and violence*, with male deaths comprising 58.6 per cent, 60.5 per cent and 68.4 per cent, respectively. However, more females (56.8 per cent) than males died from *cerebrovascular disease*.

## SUMMARY OF FINDINGS—continued

## Causes of death: Age comparisons

The significance of the leading causes of death in Queensland for various age groups differed widely during 1992.

*Heart disease* was the most prominent single cause of death for persons aged 65 years and over (36.6 per cent), whereas, for persons aged between 45 and 64 years, the major single cause of death was *malignant neoplasms* (43.9 per cent). Deaths of persons under 45 years of age were more often attributed to *accidents, poisonings and violence* (43.3 per cent) than to any other single cause.

Significantly, of the 379 deaths in the 15 to 24 age group, 26.4 per cent were attributable to *suicide*, and 32.2 per cent to *motor vehicle accidents*. There were 1,049 deaths in the 25 to 44 age group, and of these 16.4 per cent were due to *suicide* and 13.6 per cent to *motor vehicle accidents*.

## Causes of death: Trends in heart disease and malignant neoplasms

Although *heart disease* continues to be the leading cause of death, the overall incidence has dropped from 34.0 per cent of all deaths in 1982 to 31.9 per cent in 1992. Over this period, this variation has been reflected in a decrease in male deaths from 3.0 to 2.3 deaths per thousand male population, whereas female deaths have remained static at 2.1 deaths per thousand female population.

However, over the same period, deaths due to *malignant neoplasms* have risen from 20.3 per cent of all deaths in 1982 to 25.8 per cent in 1992, with the ratio of male deaths to female deaths remaining constant over this period.

DIAGRAM 4 - MORTALITY RATES, HEART DISEASE, QUEENSLAND per 1,000 population

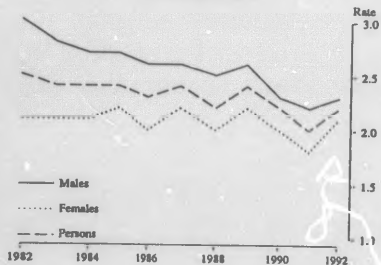
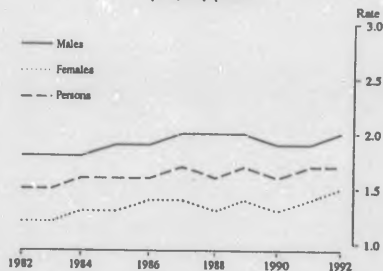


DIAGRAM 5 - MORTALITY RATES, MALIGNANT NEOPLASMS, QUEENSLAND per 1,000 population



## Perinatal deaths

There were 433 perinatal deaths recorded in Queensland during 1992, comprising 242 fetal deaths and 191 neonatal deaths.

For fetal deaths in 1992, the major single cause was *hypoxia, birth asphyxia and other respiratory conditions* (39.7 per cent), while the most significant single condition in the mother was *complications of placenta, cord and membranes* (47.1 per cent).

For neonatal deaths during 1992, the most significant single cause of death was *congenital anomalies* (39.3 per cent) and the main reported condition in the mother, was *maternal complications of pregnancy* (22.0 per cent).

TABLE 1 — DEATHS: SUMMARY, QUEENSLAND

Particulars	1976	1981	1986	1990	1991	1992
Deaths						
Males	9,889	9,803	10,006	10,694	10,624	11,174
Females	7,234	7,234	7,855	8,627	8,551	9,322
Persons	17,123	17,037	17,861	19,321	19,175	20,496
Sex ratio (male deaths per 100 female deaths)	137	136	127	124	124	120
Median age at death (years)						
Males	68.5	69.6	70.6	71.9	71.9	72.1
Females	75.2	76.5	76.9	78.0	78.4	78.7
Crude death rate (a)						
Males	9.4	8.3	7.6	7.4	7.2	7.4
Females	7.0	6.2	6.0	6.0	5.8	6.2
Persons	8.2	7.3	6.8	6.7	6.5	6.8
Infant deaths (b)	529	406	351	345	335	365
Infant mortality rate (c)	15.0	10.4	8.7	7.7	7.6	7.9

(a) Number of deaths per 1,000 mean population. Rates have been revised from revisions to population figures since the previous publication. (b) Deaths of children aged under one year. (c) Number of infant deaths per 1,000 live births.

TABLE 2 — DEATHS: AGE AT DEATH BY SEX, NUMBERS, RATES AND PROPORTIONS, QUEENSLAND

Age at death (years)	Number			Rate (a)		Proportion (per cent)	
	1990	1991	1992	1990 r	1991 r	1992	1992
<b>Males</b>							
Under 1	190	192	211	8.4	8.3	9.1	1.9
1-4	43	41	43	0.5	0.5	0.5	0.4
5-9	37	25	26	0.3	0.2	0.2	0.2
10-14	33	25	28	0.3	0.2	0.2	0.3
15-19	127	108	111	1.0	0.9	0.9	1.0
20-24	173	144	163	1.5	1.2	1.3	1.5
25-29	137	163	131	1.2	1.4	1.1	1.2
30-34	152	173	166	1.3	1.5	1.4	1.5
35-39	161	186	163	1.5	1.7	1.4	1.5
40-44	215	207	225	2.0	1.8	2.0	2.0
45-49	286	273	285	3.3	3.0	2.9	2.6
50-54	373	403	400	5.3	5.4	5.2	3.6
55-59	595	554	573	9.9	9.1	9.1	5.1
60-64	963	911	939	16.1	15.1	15.6	8.4
65-69	1,373	1,323	1,389	26.2	24.7	25.4	12.4
70-74	1,372	1,543	1,640	36.7	39.2	39.6	14.7
75-79	1,719	1,689	1,800	66.9	63.7	65.4	16.1
80-84	1,409	1,415	1,460	102.9	99.4	97.4	13.1
85 and over	1,336	1,249	1,420	188.0	165.7	174.1	12.7
<b>Total</b>	<b>10,694</b>	<b>10,624</b>	<b>11,174</b>	<b>7.4</b>	<b>7.2</b>	<b>7.4</b>	<b>100.0</b>
<b>Females</b>							
Under 1	155	143	154	7.2	6.5	7.0	1.7
1-4	31	29	39	0.4	0.3	0.4	0.4
5-9	14	14	21	0.1	0.1	0.2	0.2
10-14	10	17	19	0.1	0.2	0.2	0.2
15-19	50	49	51	0.4	0.4	0.4	0.5
20-24	43	47	54	0.4	0.4	0.4	0.6
25-29	47	69	76	0.4	0.6	0.7	0.8
30-34	59	72	64	0.5	0.6	0.7	0.8
35-39	102	76	93	0.9	0.7	0.8	1.0
40-44	136	113	131	1.3	1.0	1.2	1.4
45-49	142	173	178	1.7	2.0	1.9	1.9
50-54	240	221	211	3.6	3.2	2.9	2.3
55-59	293	263	308	5.0	4.5	5.1	3.3
60-64	480	482	490	8.1	8.0	8.1	5.3
65-69	756	681	705	13.6	12.1	12.4	7.6
70-74	1,002	943	1,086	22.6	20.3	22.5	11.6
75-79	1,298	1,338	1,357	37.1	37.2	36.5	14.6
80-84	1,384	1,416	1,604	63.6	62.0	66.7	17.2
85 and over	2,385	2,405	2,681	142.7	138.3	144.7	28.8
<b>Total</b>	<b>8,627</b>	<b>8,551</b>	<b>9,322</b>	<b>6.0</b>	<b>5.8</b>	<b>6.2</b>	<b>100.0</b>

(a) Deaths per 1,000 mid-year population for each age group; deaths per 1,000 mean population for total all ages.

TABLE 3 — INFANT DEATHS AND DEATH RATES: AGE AT DEATH BY SEX, QUEENSLAND, 1992

Age at death	Number (a)			Infant death rate (b)		
	Males	Females	Persons	Males	Females	Persons
Under 1 day	77	55	132	3.3	2.4	2.9
1 day and under 7 days	32	23	55	1.4	1.0	1.2
1 week and under 4 weeks	27	15	42	1.1	0.7	0.9
Total under 4 weeks	136	93	229	5.8	4.1	5.0
4 weeks and under 12 months	75	61	136	3.2	2.7	2.9
Total under 1 year	211	154	365	8.9	6.8	7.9

(a) Deaths of children aged under 1 year. (b) Number of infant deaths per 1,000 live births.

TABLE 4 — DEATHS: MONTH AND YEAR OF OCCURRENCE (a), QUEENSLAND, 1987 TO 1992

Month of occurrence	Year of occurrence					
	1987	1988	1989	1990	1991	1992
January	1,499	1,504	1,551	1,500	1,574	1,589
February	1,313	1,376	1,334	1,346	1,366	1,416
March	1,453	1,476	1,453	1,454	1,535	1,564
April	1,480	1,495	1,450	1,446	1,418	1,509
May	1,541	1,649	1,604	1,662	1,580	1,683
June	1,642	1,751	1,950	1,713	1,568	1,942
July	1,891	1,878	2,097	1,832	1,883	2,167
August	1,791	1,936	2,188	1,947	1,868	1,942
September	1,626	1,601	2,063	1,860	1,751	1,817
October	1,572	1,500	1,783	1,460	1,510	1,609
November	1,483	1,442	1,500	1,474	1,486	1,561
December	1,483	1,501	1,532	1,593	1,533	1,608
Total	18,774	19,109	20,505	19,287	19,072	20,407

(a) Figures in this table relate to deaths that occur in each month of the above 6 years and were registered up to 30 June 1993. They are subject to minor revision due to registrations after that date.

TABLE 5 — DEATHS: STATE OR TERRITORY OF USUAL RESIDENCE AND STATE OR TERRITORY OF REGISTRATION, 1992

State or Territory of usual residence	State or Territory of registration								
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
New South Wales	44,099	195	246	49	21	13	10	168	44,801
Victoria	193	31,592	69	55	21	6	4	11	31,951
Queensland	215	33	20,221	7	7	2	6	5	20,496
South Australia	35	49	13	10,803	9	1	14	1	10,925
Western Australia	18	17	6	9	9,834	1	12	1	9,898
Tasmania	10	19	5	—	5	3,699	—	1	3,739
Northern Territory	5	5	10	33	3	—	720	—	776
Australian Capital Territory	54	6	6	—	2	—	—	1,006	1,074
Total registrations	44,629	31,916	20,576	10,956	9,902	3,722	766	1,193	123,660

TABLE 6 — EXPECTATION OF LIFE: BY AGE AND SEX, QUEENSLAND

Expectation of life at exact age (years) (a)	1976	1981	1986	1990 r	1991 r	1992
MALES						
0	68.96	71.08	72.99	74.06	74.47	74.41
1	69.07	70.91	72.71	73.68	74.11	74.08
10	60.44	62.28	63.95	64.94	65.32	65.30
20	51.01	52.76	54.35	55.32	55.65	55.62
30	41.80	43.49	45.04	45.98	46.29	46.24
40	32.44	34.11	35.69	36.56	36.93	36.82
50	23.76	25.26	26.66	27.36	27.71	27.59
60	16.38	17.45	18.57	19.05	19.35	19.20
65	13.11	14.04	15.08	15.43	15.67	15.53
70	10.33	11.06	11.96	12.18	12.39	12.29
80	5.95	6.46	6.96	6.89	7.24	7.18
FEMALES						
0	76.12	78.29	79.37	80.20	80.62	80.20
1	76.19	78.03	78.97	79.78	80.16	79.75
10	67.57	69.33	70.19	70.95	71.32	70.97
20	57.86	59.55	60.39	61.10	61.48	61.15
30	48.15	49.81	50.71	51.33	51.77	51.46
40	38.63	40.13	41.01	41.65	42.08	41.76
50	29.60	30.85	31.68	32.23	32.62	32.32
60	21.14	22.20	22.97	23.40	23.71	23.41
65	17.23	18.20	18.83	19.25	19.55	19.26
70	13.56	14.44	15.02	15.39	15.62	15.35
80	7.61	8.00	8.55	8.84	8.95	8.76

(a) Based on annual life tables calculated by the Australian Statistician. Because of the method of calculation, these figures are subject to annual fluctuations which may not be indicative of a long-term trend.

TABLE 7 — DEATHS: NUMBERS AND RATES BY STATISTICAL LOCAL AREA OF USUAL RESIDENCE  
QUEENSLAND, 1992

Statistical division Subdivision Statistical local area	Number	Rate (a)	Statistical division Subdivision Statistical local area	Number	Rate (a)
<b>Brisbane</b>	<b>9,346</b>	<b>6.7</b>	<b>Darling Downs—continued</b>		
Brisbane (C)	6,221	8.1	Inglewood (S)	23	7.6
Albert (S) Part A	212	6.1	Jondaryan (S)	56	5.1
Beaudesert (S) Part A	51	2.8	Millmerran (S)	27	8.5
Caboolture (S) Part A	464	6.4	Murilla (S)	30	10.0
Ipswich (C)	570	7.5	Pisworth (S)	26	5.8
Logan (C)	450	3.0	Rosalie (S)	31	3.9
Moreton (S) Part A	105	2.8	Rosemuhl (S)	5	2.1
Pine Rivers (S)	265	2.8	Stanthorpe (S)	80	7.8
Redcliffe (C)	565	11.6	Tara (S)	19	5.0
Redland (S)	443	5.1	Taroom (S)	14	4.4
			Toowoomba (C)	771	8.9
<b>Moreton</b>	<b>3,514</b>	<b>6.9</b>	Waggamba (S)	11	3.9
Gold Coast (C)	1,300	9.3	Wambo (S)	27	5.1
Albert (S) Part B	607	5.1	Warwick (C)	120	10.8
Sunshine Coast	936	7.5			
Caloundra (C) Part A	314	8.3	<b>South-West</b>	<b>210</b>	<b>7.2</b>
Maroochy (S) Part A	478	6.9	Balonne (S)	36	6.7
Noosa (S) Part A	144	8.0	Bendemeere (S)	11	9.8
Moreton SD Bal	671	5.3	Booringa (S)	25	11.6
Beaudesert (S) Part B	113	5.5	Bulloo (S)	1	1.7
Boonah	64	9.5	Bungil (S)	4	1.9
Caboolture (S) Part B	19	5.1	Murweh (S)	51	8.7
Caloundra (C) Part B	77	4.4	Paroo (S)	18	6.7
Erik (S)	72	6.3	Quilpie (S)	8	5.7
Gatton (S)	65	4.5	Roma (T)	51	7.5
Kilcoy (S)	13	4.2	Warroo (S)	5	4.2
Laidley (S)	69	7.3			
Maroochy (S) Part B	76	4.5	<b>Fitzroy</b>	<b>1,017</b>	<b>5.9</b>
Moreton (S) Part B	62	4.8	Fitzroy (S) Part A	32	8.5
Noosa (S) Part B	41	4.3	Rockhampton (C)	482	7.9
			Calliope (S) Part A	51	5.8
<b>Wide Bay-Burnett</b>	<b>1,577</b>	<b>7.8</b>	Gladstone (C)	120	4.7
Bundaberg (C)	356	10.5	Banana (S)	69	4.6
Gooburnum (S) Part A	7	7.5	Bashunia (S)	9	3.8
Woongarra (S) Part A	112	7.1	Calliope (S) Part B	8	3.0
Biggenden (S)	15	9.1	Duaringa (S)	19	1.8
Eidsvold (S)	6	5.8	Emerald (S)	35	3.3
Gayndah (S)	37	12.6	Fitzroy (S) Part B	23	4.8
Gooburnum (S) Part B	29	4.5	Jericho (S)	7	6.3
Gympie (C)	115	9.9	Livingstone (S)	116	6.1
Hervey Bay (C)	253	8.5	Mount Morgan (S)	40	12.3
Innis (S)	28	5.8	Peak Downs (S)	6	1.6
Kilkivan (S)	12	4.0			
Kingaroy (S)	88	8.0	<b>Central-West</b>	<b>87</b>	<b>6.5</b>
Kolan (S)	17	5.2	Aramac (S)	7	7.4
Maryborough (C)	234	9.9	Barcardine (S)	17	9.7
Miriam Vale (S)	12	4.0	Barcoo (S)	1	2.0
Monto (S)	25	8.0	Blackall (S)	10	4.7
Mundubbera (S)	7	3.0	Boulia (S)	3	5.5
Murgon (S)	34	7.3	Diamantina (S)	0	0.0
Nanango (S)	46	6.2	Ilfracombe (S)	2	5.6
Perry (S)	3	7.8	Isiford (S)	1	3.0
Tiaro (S)	17	4.9	Longreach (S)	38	9.3
Widgee (S)	80	4.5	Tambo (S)	1	1.6
Wondai (S)	38	9.3	Winton (S)	7	4.0
Woocoo (S)	4	1.1			
Woongarra (S) Part B	2	1.2	<b>Mackay</b>	<b>579</b>	<b>5.2</b>
			Mackay (C)	232	10.0
<b>Darling Downs</b>	<b>1,527</b>	<b>7.7</b>	Pioneer (S) Part A	156	5.0
Allora (S)	16	7.1	Belyando (S)	26	2.3
Cambooya (S)	8	2.5	Broadsound (S)	20	2.3
Chinchilla (S)	45	7.5	Mirani (S)	22	4.6
Clifton (S)	19	7.8	Nebo (S)	2	0.8
Crow's Nest (S)	41	5.8	Pioneer (S) Part B	35	3.3
Dalby (T)	100	10.0	Sarina (S)	41	4.9
Clenaghan (S)	24	5.8	Whitsunday (S)	45	3.9
Goondiwindi (T)	34	7.6			

TABLE 7 — DEATHS: NUMBERS AND RATES BY STATISTICAL LOCAL AREA OF USUAL RESIDENCE  
QUEENSLAND, 1992—continued

Statistical division Subdivision Statistical local area	Number	Rate (a)	Statistical division Subdivision Statistical local area	Number	Rate (a)
<i>Northern</i>	1,123	6.1	<i>Far North-continued</i>		
Townsville (C)	521	6.0	Etheridge (S)	3	2.9
Thuringowa (C) Part A	105	3.3	Herberton (S)	49	10.3
Northern SD Bal	497	7.4	Johnstone (S)	130	7.1
Bowen (S)	112	8.3	Mareeba (S)	108	6.3
Burdekin (S)	133	7.2	Mulgrave (S) Part B	36	5.7
Charters Towers (C)	108	11.5	Torres (S)	78	9.4
Dalrymple (S)	4	1.2			
Hinchinbrook (S)	117	8.8	<i>North-West</i>	226	5.9
Thuringowa (C) Part B	23	2.6	Burke (S)	18	13.0
			Carpentaria (S)	42	12.4
<i>Far North</i>	1,203	6.5	Cloncurry (S)	20	6.3
Cairns (C)	317	7.6	Flinders (S)	21	7.9
Mulgrave (S) Part A	180	3.8	McKinlay (S)	6	4.9
Atherton (S)	77	8.2	Mormington (S)	3	4.1
Aurukun (S)	24 (b)	30.1	Mount Isa (C)	106	4.4
Cardwell (S)	67	8.0	Richmond (S)	10	8.4
Cook (S) (excl. Weipa)	41	8.0	Unincorp. Islands	—	—
Cook (S) — Weipa only	7	2.9			
Croydon (S)	4	17.0	<i>Off-shore Areas &amp; Migratory</i>	—	—
Douglas (S)	43	5.4			
Eacham (S)	39	6.6	Queensland (c)	20,496	6.8

(a) Preliminary. Numbers of deaths per 1,000 mid-year population. The crude death rates do not take account of the differing age and sex distributions that exist in various areas. For example, areas with a high proportion of aged persons are likely to show high crude death rates while areas with a relatively younger population will probably show low death rates. (b) Only 5 of these deaths occurred in 1992. See Explanatory Note 9. (c) Includes deaths of overseas residents and persons of no fixed place of abode.

TABLE 8 — DEATHS: NUMBERS, PROPORTIONS AND RATES FOR LEADING CAUSES (a), BY SEX,  
QUEENSLAND, 1992

Particulars	Heart disease	Malignant neoplasms (cancer)	Cerebro-vascular disease (incl. stroke)	Respiratory system diseases	Motor vehicle traffic accidents	Suicide	All causes
<b>Numbers</b>							
Males	3,439	3,095	857	966	292	331	11,174
Females	3,102	2,188	1,127	632	129	97	9,322
Persons	6,541	5,283	1,984	1,598	421	428	20,496
<b>Proportions by sex (%)</b>							
Males	52.6	58.6	43.2	60.5	69.4	77.3	54.5
Females	47.4	41.4	56.8	39.5	30.6	22.7	45.5
Persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Proportions by cause of death (%)</b>							
Males	30.8	27.7	7.7	8.6	2.6	3.0	100.0
Females	33.3	23.5	12.1	6.8	1.4	1.0	100.0
Persons	31.9	25.8	9.7	7.8	2.1	2.1	100.0
<b>Crude death rates (b)</b>							
Males	226.4	203.7	56.4	63.6	19.2	21.8	735.5
Females	205.0	144.6	74.5	41.8	8.5	6.4	616.1
Persons	215.7	174.2	65.4	52.7	13.9	14.1	675.9
<b>Standardised death rates (c)</b>							
Queensland	200.2	167.9	59.6	49.2	13.8	13.9	635.9
Australia	198.8	170.9	60.0	51.7	11.8	12.8	643.2

(a) Comprising the following: heart disease (ICD codes 393-398,402,404,410-416, 420-429); malignant neoplasms (cancer) (ICD codes 140-208); cerebrovascular disease (ICD codes 430-438); respiratory system diseases (ICD codes 460-519); motor vehicle traffic accidents (ICD codes E810-E819) and suicide (ICD codes E950-E959). (b) Number of deaths per 100,000 men population. (c) Deaths per 100,000 population, standardised for age and sex using the 1986 Australian population as the standard population.

TABLE 9 — DEATHS: LEADING CAUSES (a) BY STATISTICAL DIVISION OF USUAL RESIDENCE, NUMBERS, PROPORTIONS AND RATES, QUEENSLAND, 1992

Statistical division	Heart disease	Malignant neoplasms (cancer)	Cerebrovascular disease (incl. stroke)	Respiratory system diseases	Motor vehicle traffic accidents	Suicide	All causes
NUMBERS							
Brisbane	2,950	2,390	970	778	172	163	9,346
Moreton	1,129	980	330	227	75	93	3,514
Wide Bay-Burnett	543	408	159	123	31	30	1,577
Darling Downs	518	368	179	114	27	21	1,527
South-West	68	64	16	13	5	5	210
Fitzroy	357	244	81	83	25	28	1,017
Central-West	33	18	4	11	2	2	87
Mackay	180	170	51	44	14	13	579
Northern	336	295	104	74	23	27	1,123
Far North	342	284	77	103	34	38	1,203
North-West	59	47	7	27	8	8	226
Queensland (b)	6,541	5,283	1,984	1,598	421	428	20,496
PROPORTIONS (PER CENT)							
Brisbane	31.6	25.6	10.4	8.3	1.8	1.7	100.0
Moreton	32.1	27.9	9.4	6.5	2.1	2.6	100.0
Wide Bay-Burnett	34.4	25.9	10.1	7.8	2.0	1.9	100.0
Darling Downs	33.9	24.1	11.7	7.5	1.8	1.4	100.0
South-West	32.4	30.5	7.6	6.2	2.4	2.4	100.0
Fitzroy	35.1	24.0	8.0	8.2	2.5	2.8	100.0
Central-West	31.1	29.4	4.6	12.6	2.3	2.3	100.0
Mackay	29.9	26.3	9.3	7.6	2.4	2.2	100.0
Northern	28.4	23.6	6.4	8.6	2.8	3.2	100.0
Far North	26.1	20.8	3.1	11.9	3.5	3.5	100.0
North-West							
Queensland (b)	31.9	25.8	9.7	7.8	2.1	2.1	100.0
RATES (c)							
Brisbane	212.9	172.5	70.0	56.2	12.4	11.8	674.6
Moreton	221.3	192.1	64.7	44.5	14.7	18.2	688.8
Wide Bay-Burnett	269.6	202.5	78.9	61.1	15.4	14.9	782.9
Darling Downs	262.0	186.2	90.6	57.7	13.7	10.6	772.5
South-West	232.3	218.6	54.7	44.4	17.1	17.1	717.4
Fitzroy	207.8	142.1	47.2	48.3	14.6	16.3	592.1
Central-West	247.9	135.2	30.0	82.6	15.0	15.0	653.5
Mackay	160.2	151.3	45.4	39.2	12.5	11.6	515.4
Northern	181.3	159.2	56.1	39.9	12.4	14.6	606.1
Far North	184.4	153.2	41.5	55.6	18.3	20.5	648.8
North-West	155.1	123.6	18.4	71.0	21.0	21.0	594.1
Queensland (b)	215.8	174.3	65.5	52.7	13.9	14.1	676.3

(a) Comprising the following: heart disease (ICD codes 393-398, 402, 404, 410-416, 420-429); malignant neoplasms (cancer) (ICD codes 140-208); cerebrovascular disease (ICD codes 430-438); respiratory system diseases (ICD codes 460-519); motor vehicle traffic accidents (ICD codes E810-E819) and suicide (ICD codes E950-E959). (b) Includes deaths of overseas residents and persons of no fixed place of abode. (c) Preliminary. Numbers of deaths per 100,000 mid-year population. These crude death rates do not take account of the differing age and sex distributions that exist in various areas. For example, areas with a high proportion of aged persons are likely to show higher crude death rates while areas with a relatively younger population will usually show lower death rates.

TABLE 10 — DEATHS: CAUSE BY SEX, QUEENSLAND

Cause of death and ICD code (Classes and selected categories)		1990		1991		1992	
		Males	Females	Males	Females	Males	Females
<i>Class I</i>	<i>Infectious and parasitic diseases (001-139)</i>	65	71	73	66	77	54
<i>Class II</i>	<i>Neoplasms (140-239)</i>	2,798	1,955	2,915	2,104	3,130	2,223
	Malignant neoplasms (cancer) (140-208)	2,780	1,929	2,897	2,072	3,095	2,188
	Lip, oral cavity and pharynx (140-149)	80	29	79	39	85	27
	Stomach (151)	113	56	133	79	108	67
	Colon (153)	267	245	282	253	262	247
	Pancreas (157)	99	88	126	84	100	131
	Other digestive organs and peritoneum (150, 152, 154-156, 158, 159)	241	157	275	174	304	201
	Respiratory and intrathoracic organs (160-165)	786	224	778	265	885	271
	Melanoma of skin (172)	84	54	98	50	110	49
	Breast (174, 175)	2	356	1	376	2	378
	Genitourinary organs (179-189)	508	290	510	300	572	311
	Other and unspecified sites (170-171, 173, 190-199)	341	258	351	264	372	271
	Lymphatic and haematopoietic tissue (200-208)	259	192	264	188	295	235
<i>Class III</i>	<i>Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>	218	195	256	236	261	253
	Diabetes mellitus (250)	126	136	168	176	159	191
<i>Class IV</i>	<i>Diseases of blood and blood-forming organs (280-289)</i>	45	33	35	34	39	31
<i>Class V</i>	<i>Mental disorders (290-319)</i>	150	147	131	153	143	187
<i>Class VI</i>	<i>Diseases of the nervous system and sense organs (320-389)</i>	196	168	175	172	209	184
<i>Class VII</i>	<i>Diseases of the circulatory system (390-459)</i>	4,514	4,359	4,406	4,113	4,607	4,502
	All heart disease (393-398, 402, 404, 410-416, 420-429)	3,349	2,888	3,278	2,732	3,439	3,102
	Acute myocardial infarction (410)	2,048	1,556	1,951	1,428	1,984	1,567
	Other ischaemic heart disease (411-414)	816	791	876	732	981	936
	Cerebrovascular disease (incl. stroke) (430-438)	824	1,167	815	1,119	857	1,127
<i>Class VIII</i>	<i>Diseases of the respiratory system (460-519)</i>	909	514	881	481	966	632
	Pneumonia and influenza (480-487)	165	140	153	146	176	159
	Chronic obstructive pulmonary disease and allied conditions (490-496)	643	301	648	280	699	385
<i>Class IX</i>	<i>Diseases of the digestive system (520-579)</i>	354	327	346	313	323	301
	Ulcer of stomach and duodenum (531-533)	71	78	63	60	59	55
	Chronic liver disease and cirrhosis (571)	118	48	116	39	115	46
<i>Class X</i>	<i>Diseases of the genitourinary system (580-629)</i>	150	177	147	206	164	199
	Nephritis, nephrotic syndrome and nephrosis (580-589)	107	125	103	146	109	137
<i>Class XI</i>	<i>Complications of pregnancy, childbirth and the puerperium (630-676)</i>	—	1	—	1	—	2
<i>Class XII</i>	<i>Diseases of the skin and subcutaneous tissue (680-709)</i>	15	17	8	17	10	19
<i>Class XIII</i>	<i>Diseases of the musculoskeletal system and connective tissue (710-739)</i>	39	70	25	86	41	95
<i>Class XIV</i>	<i>Congenital anomalies (740-759)</i>	59	74	75	69	90	75
<i>Class XV</i>	<i>Certain conditions originating in the perinatal period (760-779)</i>	90	47	84	63	93	65
<i>Class XVI</i>	<i>Symptoms, signs and ill-defined conditions (780-799)</i>	53	43	56	40	39	46
<i>Class XVII</i>	<i>Accidents, poisonings and violence (external causes) (E800-E999)</i>	1,039	429	1,011	397	982	454
	Motor vehicle traffic accidents (E810-E819)	298	146	277	120	292	129
	Accidental drowning and submersion (E910)	48	26	43	15	42	21
	Suicide (E950-E959)	341	82	345	78	331	97
<b>All causes</b>		<b>10,694</b>	<b>8,627</b>	<b>10,624</b>	<b>8,551</b>	<b>11,174</b>	<b>9,322</b>

TABLE 11 — DEATHS: CAUSE BY SEX AND AGE GROUP, QUEENSLAND, 1992

Cause of death and ICD code (Classes and selected categories)		Sex	Age group (years)										Total
			Under 1	1-14	15-24	25-44	45-54	55-64	65-74	75-79	80-84	85 and over	
Class I	Infectious and parasitic diseases (001-139)	M	2	4	—	5	5	9	19	10	11	12	77
		F	1	1	1	5	—	7	8	10	4	17	54
Class II	Neoplasms (140-239)	M	3	15	14	100	268	636	1,050	447	355	242	3,130
		F	1	12	13	139	218	376	617	303	277	267	2,223
	Malignant neoplasms (cancer) (140-208)	M	2	15	14	99	265	634	1,039	440	350	237	3,095
	F	—	11	13	137	217	369	612	295	270	264	2,188	
	Lip, oral cavity and pharynx (140-149)	F	—	—	—	2	15	24	29	7	5	3	85
	Stomach (151)	M	—	—	—	2	6	4	9	4	1	5	27
	F	—	—	—	—	4	1	14	39	21	11	10	108
	Colon (153)	M	—	—	—	5	31	60	74	40	31	21	262
	F	—	—	—	10	20	39	73	37	33	35	247	
	Pancreas (157)	M	—	—	1	1	9	25	37	12	11	4	100
	F	—	—	—	1	4	28	39	23	17	19	131	
	Other digestive organs and peritoneum (150, 152, 154-156, 158, 159)	M	—	—	—	4	41	79	99	37	28	16	304
	F	—	—	1	8	13	30	61	30	50	28	201	
	Respiratory and intrathoracic organs (160-165)	M	—	—	—	13	70	218	352	119	79	34	885
	F	—	—	—	6	28	55	108	38	18	18	271	
	Melanoma of skin (172)	M	—	—	1	14	15	20	30	15	8	7	110
	F	—	—	—	1	13	5	5	13	5	2	5	49
	Breast (174, 175)	M	—	—	—	—	—	—	—	—	—	1	2
	F	—	—	—	37	66	71	87	40	42	35	378	
	Genitourinary organs (179-189)	M	—	1	—	4	17	70	189	99	108	84	572
	F	—	—	—	1	19	33	58	91	33	35	41	311
	Other and unspecified sites (170-171, 173, 190-199)	M	1	8	5	23	35	74	113	49	34	30	372
	F	—	7	6	20	26	37	65	31	51	28	271	
	Lymphatic and haematopoietic tissue (200-208)	M	1	6	7	31	26	44	77	41	35	27	295
	F	—	4	4	17	19	28	49	44	32	38	235	
Class III	Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M	1	2	3	38	22	34	63	41	25	32	261
		F	5	—	3	9	8	30	51	42	41	64	253
	Diabetes mellitus (250)	M	—	—	—	2	6	24	48	32	24	23	159
	F	—	—	—	5	7	26	42	34	34	43	191	
Class IV	Diseases of blood and blood-forming organs (280-289)	M	—	—	—	—	2	4	6	7	9	11	39
		F	1	—	1	—	2	1	1	5	8	12	31
Class V	Mental disorders (290-319)	M	—	—	7	17	10	10	18	19	22	40	143
		F	—	—	—	4	—	4	8	21	43	107	187
Class VI	Diseases of the nervous system and sense organs (320-389)	M	7	6	6	16	8	15	40	36	32	43	209
		F	6	5	3	8	5	18	29	26	29	55	184

TABLE 11 — DEATHS: CAUSE BY SEX AND AGE GROUP, QUEENSLAND, 1992—continued

Cause of death and ICD code (Classes and selected categories)		Sex	Age group (years)										Total
			Under 1	1-14	15-24	25-44	45-54	55-64	65-74	75-79	80-84	85 and over	
Class VII	Diseases of the circulatory system (390-459)	M	2	3	9	114	216	563	1,308	928	733	731	4,607
		F	1	2	5	41	78	229	749	722	967	1,708	4,502
	All heart disease (393-398, 402, 404, 410-416, 420-429)	M	1	1	8	94	183	453	1,016	663	507	513	3,439
		F	1	2	4	22	55	173	561	499	663	1,122	3,102
	Acute myocardial infarction (410)	M	—	—	2	44	100	279	633	405	288	233	1,984
		F	—	—	—	8	26	98	320	284	361	470	1,567
	Other ischaemic heart disease (411-414)	M	—	—	—	30	51	125	278	180	147	170	981
		F	—	—	—	5	18	42	153	138	196	384	936
	Cerebrovascular disease (incl. stroke) (430-438)	M	1	2	1	16	25	73	194	203	174	168	857
		F	—	—	1	17	20	46	141	188	242	472	1,127
Class VIII	Diseases of the respiratory system (460-519)	M	10	2	4	10	20	98	300	185	161	176	966
		F	5	7	2	13	17	56	154	97	102	179	632
	Pneumonia and influenza (480-487)	M	7	—	3	3	5	10	44	17	29	58	176
		F	3	1	1	3	5	6	30	11	24	75	159
	Chronic obstructive pulmonary disease and allied conditions (490-496)	M	—	1	1	6	11	82	231	154	109	104	699
		F	—	2	—	9	11	49	118	74	61	61	385
Class IX	Diseases of the digestive system (520-579)	M	1	—	—	21	32	63	82	37	45	42	323
		F	—	—	2	14	12	21	57	41	52	102	301
	Ulcer of stomach and duodenum (531-533)	M	—	—	—	1	—	8	17	5	16	12	59
		F	—	—	—	2	—	2	12	10	10	19	55
	Chronic liver disease and cirrhosis (571)	M	—	—	—	12	23	44	27	5	2	2	115
		F	—	—	—	5	6	9	11	9	3	3	46
Class X	Diseases of the genitourinary system (580-629)	M	—	—	—	5	7	38	41	29	44	164	
		F	—	—	1	6	4	7	39	31	72	199	
	Nephritis, nephrotic syndrome and nephrosis (580-589)	M	—	—	—	1	4	24	33	18	29	109	
		F	—	—	—	2	1	6	25	32	22	49	137
Class XI	Complications of pregnancy, childbirth and the puerperium (630-676)	F	—	—	—	2	—	—	—	—	—	2	
Class XII	Diseases of the skin and subcutaneous tissue (680-709)	M	—	—	—	1	—	2	—	3	2	10	
		F	—	—	—	1	1	—	4	4	2	7	19
Class XIII	Diseases of the musculoskeletal system and connective tissue (710-739)	M	—	1	2	1	1	4	11	6	7	41	
		F	—	—	1	5	5	8	24	20	14	18	95
Class XIV	Congenital anomalies (740-759)	M	61	10	8	7	—	1	2	—	—	1	90
		F	45	12	2	4	1	5	1	2	1	2	75

TABLE II — DEATHS: CAUSE BY SEX AND AGE GROUP, QUEENSLAND, 1992—continued

Cause of death and ICD code (Classes and selected categories)		Sex	Age group (years)									Total	
			Under 1	1-14	15-24	25-44	45-54	55-64	65-74	75-79	80-84		85 and over
Class XV	Certain conditions originating in the perinatal period (760-779)	M	93	—	—	—	—	—	—	—	—	—	93
		F	61	4	—	—	—	—	—	—	—	—	65
Class XVI	Symptoms, signs and ill-defined conditions (780-799)	M	26	2	1	1	—	—	1	—	3	5	39
		F	24	1	1	—	—	1	1	—	6	12	46
Class XVII	Accidents, poisonings and violence (external causes) (E800-E999)	M	5	52	220	354	96	66	91	40	26	31	982
		F	4	35	70	113	38	35	48	25	27	59	454
		M	1	24	90	111	20	9	16	8	8	5	292
		F	1	12	32	32	14	13	18	3	2	2	129
		M	3	11	8	11	4	1	1	2	—	—	42
		F	—	10	3	5	1	1	—	1	—	—	21
		M	—	—	80	130	38	26	39	12	4	2	331
		F	—	—	20	42	12	9	7	4	3	—	97
		M	211	97	274	685	685	1,512	3,029	1,800	1,460	1,420	11,174
		F	154	79	105	364	389	798	1,791	1,357	1,604	2,681	9,322

TABLE 12 — DEATHS: NUMBERS, PROPORTIONS AND RATES FOR AGE GROUPS, BY SELECTED CAUSES AND SEX, QUEENSLAND

Age group, cause of death and ICD code.	1992		Rate (a)		
	Number	Proportion (b) per cent	1990 r	1991 r	1992
<b>MALES</b>					
<i>Under 1 year</i>					
All causes	211	100.0	8.2	8.5	8.9
Congenital anomalies (740-759)	61	28.9	1.7	2.0	2.6
Certain conditions originating in the perinatal period (760-779)	93	44.1	3.9	3.7	3.9
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	28	13.3	1.4	1.3	1.2
Symptoms, signs and ill-defined conditions (780-799)	26	12.3	1.4	1.8	1.1
Sudden death, cause unknown (798)	26	12.3	1.4	1.8	1.1
<i>1-14 years</i>					
All causes	97	100.0	35.6	28.2	29.6
Malignant neoplasms (cancer) (140-208)	15	15.5	6.3	2.2	4.6
Diseases of the nervous system and sense organs (320-389)	6	6.2	2.5	4.7	1.8
Accidents, poisonings and violence (E800-E999)	52	53.6	20.8	13.6	15.9
Motor vehicle traffic accidents (E810-E819)	24	24.7	8.8	5.3	7.3
Accidents caused by submersion, suffocation and foreign bodies (E910-E915)	13	13.4	6.0	3.4	4.0
<i>15-24 years</i>					
All causes	274	100.0	122.7	102.0	109.0
Accidents, poisonings and violence (E800-E999)	220	80.3	101.8	83.7	87.5
Motor vehicle traffic accidents (E810-E819)	90	32.8	42.1	32.0	35.8
Suicide (E950-E959)	80	29.2	34.8	27.5	31.8
<i>25-44 years</i>					
All causes	685	100.0	146.2	157.8	146.1
Malignant neoplasms (cancer) (140-208)	99	14.5	21.1	24.7	21.1
Diseases of the circulatory system (390-459)	114	16.6	25.9	24.7	24.3
Accidents, poisonings and violence (E800-E999)	354	51.7	75.8	83.6	75.5
Motor vehicle traffic accidents (E810-E819)	111	16.2	18.5	21.9	23.7
Suicide (E950-E959)	130	19.0	28.8	33.3	27.7
<i>45-54 years</i>					
All causes	685	100.0	417.0	405.9	387.0
Malignant neoplasms (cancer) (140-208)	265	38.7	130.4	139.3	149.7
Diseases of the circulatory system (390-459)	70	10.2	36.7	39.0	39.9
Diseases of the circulatory system (390-459)	216	31.5	151.9	135.7	123.0
Acute myocardial infarction (410)	100	14.6	72.8	73.3	56.5
Accidents, poisonings and violence (E800-E999)	96	14.0	62.0	66.7	54.2
<i>55-64 years</i>					
All causes	1,512	100.0	1,301.1	1,208.2	1,224.5
Malignant neoplasms (cancer) (140-208)	634	41.9	476.9	470.1	513.5
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	218	14.4	157.0	147.6	176.6
Diseases of the circulatory system (390-459)	563	37.2	516.9	458.5	456.0
Acute myocardial infarction (410)	279	18.5	267.2	221.0	226.0
<i>65-74 years</i>					
All causes	3,029	100.0	3,055.7	3,085.2	3,154.2
Malignant neoplasms (cancer) (140-208)	1,039	34.3	997.4	1,020.5	1,082.0
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	352	11.6	326.2	324.0	366.6
Diseases of the circulatory system (390-459)	1,308	43.2	1,350.3	1,381.1	1,362.1
Acute myocardial infarction (410)	633	20.9	700.2	686.8	659.2
<i>75 years and over</i>					
All causes	4,680	100.0	9,599.6	9,013.5	9,236.1
Malignant neoplasms (cancer) (140-208)	1,027	21.9	2,105.3	2,101.7	2,026.8
Diseases of the circulatory system (390-459)	2,392	51.1	4,956.8	4,584.4	4,720.6
Acute myocardial infarction (410)	926	19.8	2,004.2	1,816.0	1,827.5
Other ischaemic heart disease (411-414)	497	10.6	901.0	906.9	980.8
Cerebrovascular disease (incl. stroke) (430-438)	545	11.6	1,098.9	1,022.9	1,075.6
Diseases of the respiratory system (460-519)	522	11.2	1,019.3	929.7	1,030.2
<i>Total all ages</i>					
All causes	11,174	100.0	735.9	715.7	735.5
Malignant neoplasms (cancer) (140-208)	3,095	27.7	191.3	195.2	203.7
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	885	7.9	54.1	52.4	58.3
Malignant neoplasms of genitourinary organs (179-189)	572	5.1	35.0	34.4	37.6
Diseases of the circulatory system (390-459)	4,607	41.2	310.6	296.8	305.2
Acute myocardial infarction (410)	1,984	17.8	140.9	131.4	130.6
Other ischaemic heart disease (411-414)	981	8.8	56.2	59.0	64.6
Cerebrovascular disease (incl. stroke) (430-438)	857	7.7	56.7	54.9	56.4
Diseases of the respiratory system (460-519)	966	8.6	62.6	59.3	63.6
Chronic obstructive pulmonary disease and allied conditions (490-496)	699	6.3	44.2	43.7	46.0
Accidents, poisonings and violence (E800-E999)	982	8.8	71.5	68.1	64.6

See footnotes at end of table.

TABLE 12 — DEATHS: NUMBERS, PROPORTIONS AND RATES FOR AGE GROUPS, BY SELECTED CAUSES AND SEX, QUEENSLAND—continued

Age group, cause of death and ICD code	1992		Rate (a)		
	Number	Proportion(b) per cent	1990 r	1991 r	1992
			FEMALES		
<b>Under 1 year</b>					
<b>All causes</b>	<b>154</b>	<b>100.0</b>	<b>7.1</b>	<b>6.6</b>	<b>6.8</b>
Congenital anomalies (740-759)	45	29.2	2.6	1.9	2.0
Certain conditions originating in the perinatal period (760-779)	61	39.6	2.1	2.9	2.7
Disorders relating to short gestation and unspecified low birthweight (765)	22	14.3	0.7	1.3	1.0
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	22	14.3	0.6	0.6	1.0
Symptoms, signs and ill-defined conditions (780-799)	24	15.6	1.1	0.9	1.1
Sudden death, cause unknown (798)	24	15.6	1.1	0.9	1.1
<b>1-14 years</b>					
<b>All causes</b>	<b>79</b>	<b>100.0</b>	<b>18.4</b>	<b>19.8</b>	<b>25.6</b>
Malignant neoplasms (cancer) (140-208)	11	13.9	1.3	3.6	3.6
Diseases of the nervous system and sense organs (320-389)	5	6.3	0.7	1.3	1.6
Congenital anomalies (740-759)	12	15.2	3.1	3.1	3.9
Accidents, poisonings and violence (E800-E999)	35	44.3	11.0	7.6	11.3
Motor vehicle traffic accidents (E810-E819)	12	15.2	3.7	2.3	3.9
<b>15-24 years</b>					
<b>All causes</b>	<b>105</b>	<b>100.0</b>	<b>39.3</b>	<b>40.2</b>	<b>43.4</b>
Malignant neoplasms (cancer) (140-208)	17	12.4	3.0	5.9	5.4
Accidents, poisonings and violence (E800-E999)	70	66.7	23.7	23.4	28.9
Motor vehicle traffic accidents (E810-E819)	32	30.5	16.5	12.6	13.2
Suicide (E950-E959)	20	19.0	3.8	4.6	8.3
<b>25-44 years</b>					
<b>All causes</b>	<b>364</b>	<b>100.0</b>	<b>76.6</b>	<b>72.0</b>	<b>78.0</b>
Malignant neoplasms (cancer) (140-208)	137	37.6	31.0	25.7	29.4
Malignant neoplasms of breast (174)	37	10.2	9.1	10.3	7.9
Diseases of the circulatory system (390-459)	41	11.3	9.8	9.8	8.8
Accidents, poisonings and violence (E800-E999)	113	31.0	20.3	21.6	24.2
Motor vehicle traffic accidents (E810-E819)	32	8.8	8.0	9.2	6.9
Suicide (E950-E959)	42	11.5	6.7	5.2	9.0
<b>45-54 years</b>					
<b>All causes</b>	<b>389</b>	<b>100.0</b>	<b>257.5</b>	<b>251.2</b>	<b>232.9</b>
Malignant neoplasms (cancer) (140-208)	217	55.8	120.6	133.9	129.9
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	28	7.2	9.4	15.9	16.8
Malignant neoplasms of genitourinary organs (179-189)	66	17.0	37.1	40.2	39.5
Diseases of the circulatory system (390-459)	33	8.5	16.2	20.4	19.8
Acute myocardial infarction (410)	78	20.1	60.7	51.0	46.7
Cerebrovascular disease (incl. stroke) (430-438)	20	5.1	16.2	21.7	15.6
Accidents, poisonings and violence (E800-E999)	38	9.8	31.7	17.9	22.8
<b>55-64 years</b>					
<b>All causes</b>	<b>798</b>	<b>100.0</b>	<b>656.2</b>	<b>627.8</b>	<b>660.1</b>
Malignant neoplasms (cancer) (140-208)	369	46.2	303.9	300.8	303.2
Malignant neoplasms of breast (174)	71	8.9	62.8	66.6	58.7
Diseases of the circulatory system (390-459)	229	28.7	185.1	181.2	189.4
Acute myocardial infarction (410)	98	12.3	90.0	75.8	81.1
<b>65-74 years</b>					
<b>All causes</b>	<b>1,791</b>	<b>100.0</b>	<b>1,758.9</b>	<b>1,583.6</b>	<b>1,704.1</b>
Malignant neoplasms (cancer) (140-208)	612	34.2	348.3	323.6	382.3
Diseases of the circulatory system (390-459)	749	41.8	788.4	688.4	712.6
Acute myocardial infarction (410)	320	17.9	346.2	300.3	304.5
Cerebrovascular disease (incl. stroke) (430-438)	141	7.9	176.1	141.4	134.2
<b>75 years and over</b>					
<b>All causes</b>	<b>5,642</b>	<b>100.0</b>	<b>6,900.0</b>	<b>6,772.2</b>	<b>7,071.9</b>
Malignant neoplasms (cancer) (140-208)	829	14.7	942.3	1,081.7	1,039.1
Diseases of the circulatory system (390-459)	3,397	60.2	4,365.8	4,018.2	4,237.9
Acute myocardial infarction (410)	1,115	19.8	1,448.9	1,299.6	1,397.6
Other ischaemic heart disease (411-414)	718	12.7	814.3	750.9	900.0
Cerebrovascular disease (incl. stroke) (430-438)	902	16.0	1,233.7	1,163.1	1,130.6
<b>Total all ages</b>					
<b>All causes</b>	<b>9,322</b>	<b>100.0</b>	<b>596.9</b>	<b>578.6</b>	<b>616.1</b>
Malignant neoplasms (cancer) (140-208)	2,188	23.5	133.5	140.2	144.6
Diseases of the circulatory system (390-459)	4,502	48.3	301.6	278.3	297.6
Acute myocardial infarction (410)	1,567	16.8	107.7	96.6	103.6
Other ischaemic heart disease (411-414)	936	10.0	54.7	49.5	61.9
Cerebrovascular disease (incl. stroke) (430-438)	1,127	12.1	80.7	75.7	74.5
Diseases of the respiratory system (460-519)	632	6.8	35.6	32.5	41.8

(a) Deaths per 100,000 of the estimated mid-year population for each age group other than age Under 1 year; deaths per 1,000 live births for age Under 1 year; deaths per 100,000 of mean resident population for Total all ages. (b) Of all deaths of the same age and sex.

TABLE 13 — PERINATAL DEATHS: FETAL, NEONATAL AND PERINATAL DEATHS, NUMBERS AND RATES BY SEX, QUEENSLAND

Year	Fetal deaths			Neonatal deaths			Perinatal deaths		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
NUMBER									
1987	103	124	227	114	93	207	217	217	434
1988	136	98	234	106	92	198	242	190	432
1989	114	107	221	100	89	189	214	196	410
1990	134	112	246	105	68	173	239	180	419
1991	145	124	269	104	84	188	249	208	457
1992	127	115	242	115	76	191	242	191	433
RATE (a)									
1987	5.1	6.5	5.7	5.6	4.9	5.3	10.6	11.3	11.0
1988	6.5	4.9	5.7	5.1	4.7	4.9	11.6	9.6	10.6
1989	5.3	5.2	5.2	4.7	4.3	4.5	9.9	9.5	9.7
1990	5.8	5.1	5.5	4.6	3.1	3.9	10.3	8.2	9.3
1991	6.4	5.7	6.1	4.6	3.9	4.3	11.0	9.6	10.3
1992	5.4	5.1	5.2	4.9	3.4	4.1	10.2	8.4	9.3

(a) Number of fetal deaths or perinatal deaths per 1,000 live births and fetal deaths combined. Number of neonatal deaths per 1,000 live births.

TABLE 14 — PERINATAL DEATHS: FETAL, NEONATAL AND PERINATAL DEATHS, MAIN CAUSE OR CONDITION IN FETUS/INFANT AND MOTHER, QUEENSLAND

Cause of death	1992					1991
	Fetal deaths	Neonatal deaths	Perinatal deaths			Perinatal deaths
			Males	Females	Persons	
<b>Main condition in fetus/infant</b>	<b>242</b>	<b>191</b>	<b>242</b>	<b>191</b>	<b>433</b>	<b>457</b>
Slow fetal growth, fetal malnutrition and immaturity (764,765)	22	30	34	18	52	56
Birth trauma (767)	—	5	4	1	5	9
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	96	37	73	60	133	132
Fetal and neonatal haemorrhage (772)	1	5	3	3	6	12
Haemolytic disease of fetus and newborn (773)	2	4	4	2	6	1
Other conditions originating in the perinatal period (766, 771, 774-779)	98	21	63	56	119	129
Congenital anomalies (740-759)	21	75	53	43	96	104
All other causes (remainder of 001-999)	2	14	8	8	16	14
<b>Main condition in mother</b>	<b>242</b>	<b>191</b>	<b>242</b>	<b>191</b>	<b>433</b>	<b>457</b>
Maternal conditions which may be unrelated to present pregnancy (760)	33	28	33	28	61	43
Maternal complications of pregnancy (761)	22	42	38	26	64	68
Complications of placenta, cord and membranes (762)	114	14	66	62	128	170
Other complications of labour and delivery (763)	4	4	4	4	8	9
No maternal condition reported	69	103	101	71	172	167

TABLE 15 — PERINATAL DEATHS: FETAL, NEONATAL AND PERINATAL DEATHS, SELECTED DETAILS, QUEENSLAND

Particulars	1992					1991
	Fetal deaths	Neonatal deaths	Perinatal deaths			Perinatal deaths
			Males	Females	Persons	
<b>Age at death (s)</b>						
Less than 1 hour	..	191	115	76	191	188
Less than 1 day	..	41	25	16	41	52
Less than 1 week	..	93	55	38	93	102
	..	148	87	61	148	149
<b>Weight at delivery (grams)</b>						
500- 999	242	191	242	191	433	457
1,000-1,999	81	76	89	68	157	157
2,000-2,999	62	34	61	35	96	114
3,000 or more	46	40	44	42	86	91
	47	38	42	43	85	92
<b>Period of gestation (weeks)</b>						
Less than 28	242	191	242	191	433	457
28-36	75	73	85	63	148	149
37-41	96	58	94	60	154	165
42 or more	64	55	57	62	119	137
	4	3	3	4	7	5
<b>Age group of mother (years)</b>						
Less than 20	242	191	242	191	433	457
20-24	26	10	22	14	36	48
25-29	57	53	61	49	110	103
30-34	69	52	74	47	121	121
35-39	56	48	51	53	104	122
40 or more	29	20	23	26	49	45
	2	6	6	2	8	17

(a) Applicable to neonatal deaths only.

## EXPLANATORY NOTES

## Introduction

The statistics in this publication relate to the deaths of usual residents of Queensland. Publications containing similar information for other Australian States are also available.

2. The registration of deaths is the responsibility of the individual State and Territory Registrars and is based on information supplied by a relative or another person acquainted with the deceased (or by an official of the institution where the death occurred) and on information supplied by a medical practitioner or a coroner as to the cause of death. This information is supplied to the ABS, by individual Registrars of Births, Deaths, and Marriages, for compilation into the aggregate statistics in this publication.

## Definitions

3. *General deaths*, i.e. those included in Tables 1 to 12, comprise the deaths of people of all ages. Stillbirths are excluded.

4. *Perinatal deaths*, included in Tables 13 to 15, comprise fetal deaths and neonatal deaths as defined below.

*Fetal death* relates to the delivery of a child weighing at least 500 grams at delivery (or, when birthweight is unavailable, of at least 22 weeks gestation) who did not, at any time after delivery, breathe or show any other evidence of life such as a heartbeat.

*Neonatal death* relates to any child weighing at least 500 grams at delivery (or, when birthweight is unavailable, of at least 22 weeks gestation) who is born alive (as defined under live birth) and who dies within 28 days after birth.

5. *Live birth* is the delivery of a child who after being born, breathes or shows any other evidence of life such as a heartbeat. For Table 13 (perinatal deaths) the live birth figures used to calculate rates have been adjusted to exclude live births known to have weighed under 500 grams at birth (or, where birthweight was unknown, of less than 22 weeks gestation).

6. *Period of gestation*. For perinatal deaths, period of gestation is measured from the first day of the last normal menstrual period to the date of birth and is expressed in completed weeks.

7. These definitions are based on the recommendations of the Ninth (1975) Revision of the World Health Organization's International Classification of Diseases (ICD).

8. *Expectation of life* refers to the average number of additional years a person of a given age and sex might expect to live if the age specific death rates of the given period continued throughout his or her lifetime.

## Year of occurrence and year of registration

9. The statistics in this publication refer to deaths registered, not those which actually occurred, in the years shown. Normally about 5 to 6 per cent of deaths occurring in a year are not registered until the following year or even later. Table 4 shows deaths according to the month and year of occurrence for the latest 6 years.

## State of usual residence and State of registration

10. *General deaths*. Figures shown in this publication represent deaths of usual residents of Queensland, regardless of where in Australia the death occurred or was registered. Table 5 shows the number of deaths cross-classified by State or Territory of usual residence and State or Territory of registration. Deaths of people normally resident in Queensland, which occurred overseas, are excluded from this publication. Deaths of people usually resident overseas but which occurred in Queensland are included in the Queensland figures.

11. *Perinatal deaths*. The figures have been compiled on a State of usual residence basis, i.e. they represent the deaths of those fetuses and neonates whose mothers were usual residents of Queensland.

12. Deaths statistics on a State of registration basis can be made available on request.

## Cause of death classifications used in this publication

13. The causes of death in this publication are classified according to the Ninth (1975) Revision of the World Health Organization's International Classification of Diseases (ICD) which was adopted for world-wide use from 1979.

14. For general deaths, particulars relate to the *underlying cause of death*, which the World Health Organization (WHO) has defined as the disease or injury which initiated the train of morbid events leading directly to death. Accidental and violent deaths are classified according to the *external cause*, i.e. to the circumstances of the accident or violence which produced the fatal injury rather than to the nature of the injury. Deaths of infants aged less than 1 month are classified according to the *main condition* in the infant which contributed to the death.

15. For perinatal deaths, causes of death have been classified to the *main condition in the fetus/infant* and also to the *main condition in the mother*.

16. The extensive nature of the ICD enables classification of causes of death at fine levels of detail. Only abridged classifications have been used in this publication in order to present an overview of causes of death.

17. All the cause of death tables in this publication show the ICD codes which constitute the causes of death shown,

## EXPLANATORY NOTES—continued

**Cause of death classifications used in this publication — continued**

hence the relationships between the various classifications used can be readily ascertained.

**Australian Standard Geographical Classification**

18. The Australian Standard Geographical Classification (ASGC), Edition 2.1, is used for Tables 7 and 9.

19. *Legal local government areas* (LGAs), as defined under the *Local Government Act 1936*, are spatial units which represent the geographical areas of incorporated local government councils, such as cities (C), towns (T) and shires (S).

20. *Statistical local areas* (SLAs) are the smallest types of spatial units in the ASGC for which data are presented in this publication. They correspond either to legal LGAs or to suburbs in certain urban legal LGAs. Some legal LGAs are split into two or more parts, with each part forming a separate spatial unit. The unincorporated area of Queensland also forms a SLA. In aggregate, SLAs cover the whole of the State without gaps or overlaps.

21. *Statistical subdivisions* (SSDs) consist of one or more SLAs.

22. *Statistical divisions*, which are groupings of SLAs, are designed to be relatively homogeneous regions characterised by identifiable social and economic units within the region. The Brisbane Statistical Division comprises the Cities of Brisbane, Ipswich, Logan and Redcliffe, the Shires of Pine Rivers and Redland and parts of the Shires of Albert, Beaudesert, Caboolture and Moreton.

23. *Statistical districts* have been defined around selected urban areas to provide comparable statistics over a period of time. These districts, which are intended to contain the anticipated urban spread for at least 20 years, are generally defined as having a population of at least 25,000 or more and experiencing urban growth beyond the legal LGA boundaries.

**Tabulation procedures**

24. Most of the classifications presented in the tables have a *not stated* category to allow for the very small number of cases where the relevant details are not reported. Such categories have been suppressed throughout this publication but the figures for them have been included in the relevant totals.

25. *Unknown time of cessation of heartbeat*. For some perinatal deaths it is not known whether the time of cessation of heartbeat occurred before or after delivery. Such cases have been included with fetal deaths.

26. *Indeterminate sex*. For tabulation purposes, perinatal deaths of indeterminate sex are included with males.

**Standardised death rates**

27. The standardised death rates shown in Table 8 for Queensland and Australia have been calculated using the direct method and the 1986 Australian population has been used as the standard. The standardised death rate obtained by the direct method may be defined as the overall death rate that would have prevailed in a standard population if it had experienced at each age the death rates of the population being studied.

**Data quality**

28. The registration of deaths is the responsibility of the individual State and Territory Registrars of Births, Deaths and Marriages. As part of the registration process, information as to the cause of death is supplied by the medical practitioner certifying the death. Guidelines for the provision of cause of death information are made available to medical practitioners by the ABS. Other information about the deceased is supplied by a relative or other person acquainted with the deceased, or by an official of the institution where the death occurred. This information is provided to the ABS by individual Registrars for compilation into aggregate statistics shown in this publication.

29. In compiling statistics on deaths, the ABS employs a variety of quality control measures to ensure that the statistics are as reliable as possible. These measures include: contacting Registries to obtain missing information and to query unlikely details; seeking further information where necessary from the certifying doctor or coroner to enable accurate classification of the underlying cause of death; check-coding of cause of death; detailed computer editing of data and checks on the statistical output, at the individual record and aggregate levels.

**Related publications**

30. Publications for other States, containing death statistics corresponding to those included in this publication, are available on request.

31. Users may also wish to refer to the following publications, which are available on request.

*Deaths, Australia* (3302.0) - Latest issue: 1992 (\$18.40)

*Causes of Death, Australia* (3303.0) - Latest issue: 1992 (\$17.30)

*Perinatal Deaths, Australia* (3304.0) - Latest issue: 1992 (\$14.80)

*Demography, Queensland* (3311.3) - Latest issue: 1991 (\$27.50)

*Health and Welfare Establishments, Queensland* (4302.3) - Latest issue: 1990-91 (\$14.00)

*Hospital Morbidity, Queensland* (4303.3) - Latest issue: 1990 (\$14.00)

*Employment Injuries, Queensland* (6301.3) - Latest issue: 1990-91 (\$15.00)

## EXPLANATORY NOTES—continued

32. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (1101.0). The ABS also issues the *Publications Advice* (1105.0) on Tuesdays and Fridays which lists publications to be released in the next few days. Both the *Catalogue* and the *Publications Advice* are available from any ABS office.

**Unpublished statistics**

33. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact shown at the front of this publication.

34. The data items available for tabulation are listed in Appendix A and information on unpublished tabulations routinely produced is given in Appendix B.

**Symbols and other usages**

r        figure or series revised since previous issue  
..       not applicable  
—       nil or rounded to zero

35. Where figures have been rounded, discrepancies may occur between totals and the sums of the component items.

# QUEENSLAND STATISTICAL DIVISIONS



## APPENDIX A

## DATA ITEMS AVAILABLE

## For deaths of persons usually resident in Queensland

## General deaths

Month and year of registration of death  
Day, month and year of death  
State in which death was registered  
Sex  
Age at death  
Occupation (aged 15 to 64 years only)  
Underlying cause of death  
Birthplace  
Period of residence in Australia if born overseas  
Local government area of usual residence  
Marital status  
Number of children of the deceased  
Age at first marriage

## Perinatal deaths

## Particulars relating to death

Month and year of registration  
Whether or not certified cause of death was confirmed by post-mortem examination

## Particulars relating to mother

Age  
Usual residence (local government area)  
Previous pregnancies resulting in live births, still births and abortion  
Outcome of last previous pregnancy (all issue live born, one or more issue born dead, abortion)  
Date of delivery/termination of last previous pregnancy  
For current pregnancy  
Presentation at birth  
Method of delivery  
Attendant at birth (obstetrician, midwife, etc.)  
Number of antenatal care visits

## Particulars relating to child

Date of birth  
Date of death  
Sex  
Plurality  
Birthweight  
Age at death, if born alive  
Cessation of heartbeat (before or during labour, after delivery, etc.)  
Time dead in utero, if stillborn  
Main disease or condition in fetus or infant  
Main maternal disease or condition affecting fetus or infant

## APPENDIX B

## UNPUBLISHED TABLES (subject to confidentiality constraints)

## Table

## General deaths (a)

- 1 Cause of death (60 groups) by age (5-year groups) by sex
- 2 Cause of death (ICD three-digit level) by sex
- 3 Cause of death (ICD three-digit level) by age (5-year groups) by sex
- 4 Cause of death (ICD four-digit level) by sex
- 5 Cause of death (ICD four-digit level) by age (5-year groups) by sex
- 6 Cause of death (ICD three-digit level) by usual residence (capital city statistical division/other) by age (10-year groups) by sex
- 7 Cause of death (ICD three-digit level) by statistical division of usual residence by age (10-year groups) by sex
- 8 Infant deaths by cause of death (ICD three-digit level) by age (days/weeks/months) by sex
- 9 Infant deaths by cause of death (ICD four-digit level) by age (days/weeks/months) by sex
- 10 Cause of death (ICD three-digit level) for incorporated cities and towns in Queensland

## Perinatal deaths (b)

- 1 Main condition in fetus/infant by age of mother by sex
- 2 Main condition in fetus/infant by weight at birth by sex
- 3 Main condition in fetus/infant by period of gestation by sex
- 4 Main condition in fetus by time of cessation of heartbeat by sex
- 5 Main condition in infant by age at death by sex
- 6 Main condition in fetus/infant (ICD four-digit level) by cessation of heartbeat by sex
- 7 Main condition in fetus/infant by main condition in mother by sex
- 8 Main condition in mother by age of mother by sex
- 9 Main condition in mother by weight at birth by sex
- 10 Main condition in mother by period of gestation by sex
- 11 Main condition in mother by time of cessation of heartbeat by sex
- 12 Main condition in mother by age at death by sex
- 13 Main condition in mother (ICD four-digit level) by cessation of heartbeat by sex

(a) Tables 1 to 9 are available for each State and Territory and for Australia. All tables are compiled on the basis of the State or Territory of usual residence of the deceased. However, Tables 1 to 5 are also compiled on the basis of the State or Territory of registration of the death. (b) Comprising perinatal deaths in respect of Queensland mothers. Unless otherwise indicated, 50 groups are shown for main condition in fetus/infant and 18 groups for main condition in mother.

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