EA Health sector overview — attachment

Unsourced information was obtained from the Australian, State and Territory governments.

Data in this Report are examined by the Health Working Group, but have not been formally audited by the Secretariat.

Data reported in the attachment tables are the most accurate available at the time of data collection. Historical data may have been updated since the last edition of RoGS.

This file is available on the Review web site at https://www.pc.gov.au/research/ongoing/report-on-government-services.

Attachment contents

Table EA.1 Proportion of live-born singleton babies of low birthweight, by Indigenous status of the baby, 2016

Table EA.2 Proportion of live-born singleton babies of low birthweight, by maternal Indigenous status

Table EA.3 Proportion of adults and children in BMI categories

Table EA.4 Rate of overweight and obesity for adults and children, by remoteness

Table EA.5 Rates of overweight and obesity for adults, by Indigenous status, 2011–13

Table EA.6 Rate of overweight and obesity for children by Indigenous status, 2011–13

Table EA.7 Proportion of adults aged 18 or over who are daily smokers, by remoteness

Table EA.8 Proportion of adults who are daily smokers, by Indigenous status

Table EA.9 Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by remoteness

Table EA.10 Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by Indigenous status

Table EA.11 Incidence of selected cancers

Table EA.12 Incidence of selected cancers, by remoteness area

Table EA.13 Incidence of selected cancers, by Indigenous status (per 100 000 population)

Table EA.14 Incidence of heart attacks (acute coronary events), by age and sex, people aged 25 years and over (per 100 000 people)

Table EA.15 Incidence of heart attacks (acute coronary events), people 25 years or over, NSW (per 100 000 people)

Table EA.16 Incidence of heart attacks (acute coronary events), people 25 years or over, Victoria (per 100 000 people)

Table EA.17 Incidence of heart attacks (acute coronary events), people 25 years or over, Queensland (per 100 000 people)

Table EA.18 Incidence of heart attacks (acute coronary events), people 25 years or over, WA (per 100 000 people)

Table EA.19 Incidence of heart attacks (acute coronary events), people 25 years or over, SA (per 100 000 people)

Table EA.20 Incidence of heart attacks (acute coronary events), people 25 years or over, Tasmania (per 100 000 people)

Table EA.21 Incidence of heart attacks (acute coronary events), people 25 years or over, ACT (per 100 000 people)

Table EA.22 Incidence of heart attacks (acute coronary events), people 25 years or over, NT (per 100 000 people)

Table EA.23 Proportion of people with type 2 diabetes (based on fasting blood glucose test), by sex, 2011-12 (per cent)

Table EA.24 Proportion of people aged 18 years or over with type 2 diabetes (based on fasting blood glucose test), by Indigenous status, by sex, 2011–13 (per cent)

Table EA.25 Proportion of people aged 25 years or over with type 2 diabetes (based on fasting blood glucose test), by Indigenous status, by sex, 2011–13 (per cent)

Table EA.26 Age-standardised mortality rates of potentially avoidable deaths, under 75 years, 2008 to 2018

Attachment contents

Table EA.27 Age standardised mortality rates of potentially avoidable deaths, under 75 years, by Indigenous status, NSW, Queensland, WA, SA, NT, 2004–08 to 2013–17

Table EA.28 Five-year relative survival proportions for people diagnosed with cancer, by sex, 2011–15

Table EA.29 All Australians average life expectancy at birth (years)

Table EA.30 Estimated life expectancies at birth, by Indigenous status and sex (years)

Table EA.31 Age standardised mortality rate (all causes), by State and Territory

Table EA.32 Age standardised all-cause mortality rate and rate ratios, by Indigenous status, NSW, Qld, WA, SA, NT (per 100 000 people)

Table EA.33 Infant mortality

Table EA.34 Infant mortality rate by Indigenous status, three year average (per 1000 live births)

Table EA.35 All causes infant and child mortality, by age group

Table EA.36 All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT

Table EA.37 Age standardised mortality rates by cause of death (with variability band), by State and Territory

Table EA.38 Age standardised mortality rates by major cause of death, by Indigenous status

Table EA.39 Fetal deaths

Table EA.40 Neonatal deaths

Table EA.41 Perinatal deaths

Table EA.42 Perinatal, neonatal and fetal deaths

Table EA.43 Employed medical practitioners

Table EA.44 Employed nurses and midwives

Table EA.45 Employed allied health practitioners

Table EA.46 Employed dental practitioners

Table EA.1 **Proportion of live-born singleton babies of low birthweight, by Indigenous status of the baby, 2016 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT* (f)	*Aust*
Proportion low birthweight babies by Indigenous status										
Aboriginal and Torres Strait Islander babies	%	8.4	7.7	9.0	12.2	9.1	9.5	6.3	13.6	9.6
Non-Indigenous babies	%	4.5	5.0	4.8	4.6	5.1	6.2	4.4	4.8	4.8
Total (g)	**%**	**4.8**	**5.1**	**5.2**	**5.1**	**5.3**	**6.3**	**4.5**	**8.0**	**5.1**
Number of low birthweight babies by Indigenous status										
Aboriginal and Torres Strait Islander babies	no.	391	102	435	270	91	33	8	189	1 519
Non-Indigenous babies	no.	4 018	3 739	2 685	1 479	927	323	237	120	13 528
Total (g)	**no.**	**4 601**	**3 884**	**3 128**	**1 749**	**1 021**	**361**	**248**	**309**	**15 301**
Variability band for rate										
Aboriginal and Torres Strait Islander babies	no.	0.8	1.4	0.8	1.4	1.8	3.1	4.3	1.8	0.5
Non-Indigenous babies	no.	0.1	0.2	0.2	0.2	0.3	0.7	0.5	0.8	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.6**	**0.5**	**0.9**	**0.1**

(a) Low birthweight is defined as less than 2500 grams.

(b) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection.

(c) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(d) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

(e) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

(f) Birthweight data on Aboriginal and Torres Strait Islander babies born to mothers residing in the ACT and Tasmania should be viewed with caution as they are based on small numbers of births.

(g) Includes births to mothers whose Aboriginal and Torres Strait Islander status was not stated.

Source: AIHW (unpublished) National Perinatal Data Collection.

Table EA.2 **Proportion of live-born singleton babies of low birthweight, by maternal Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
2007										
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	10.3	10.6	10.0	14.4	13.8	np	np	12.3	11.2
Non-Indigenous mothers	%	4.3	4.7	4.3	4.4	4.7	np	np	4.1	4.5
Total (g)	**%**	**4.5**	**4.7**	**4.7**	**5.0**	**4.9**	**5.3**	**4.5**	**7.3**	**4.7**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	298	65	308	249	81	np	np	169	1 186
Non-Indigenous mothers	no.	3 888	3 147	2 391	1 214	861	np	np	89	12 100
Total (g)	**no.**	**4 212**	**3 215**	**2 702**	**1 463**	**942**	**326**	**201**	**258**	**13 319**
Variability band for rate										
Aboriginal and Torres Strait Islander mothers	no.	na	na	na	na	na	na	na	na	na
Non-Indigenous mothers	no.	na	na	na	na	na	na	na	na	na
Total (g)	**no.**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
2008										
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	10.3	10.6	10.0	14.4	13.8	np	np	12.3	11.2
Non-Indigenous mothers	%	4.3	4.7	4.3	4.4	4.7	np	np	4.1	4.5
Total (g)	**%**	**4.5**	**4.7**	**4.7**	**5.0**	**4.9**	**5.3**	**4.5**	**7.3**	**4.7**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	298	65	308	249	81	np	np	169	1 186
Non-Indigenous mothers	no.	3 888	3 147	2 391	1 214	861	np	np	89	12 100
Total (g)	**no.**	**4 212**	**3 215**	**2 702**	**1 463**	**942**	**326**	**201**	**258**	**13 319**
Variability band for rate										

Table EA.2 **Proportion of live-born singleton babies of low birthweight, by maternal Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Aboriginal and Torres Strait Islander mothers	no.	1.1	2.4	1.1	1.7	2.8	np	np	1.7	0.6
Non-Indigenous mothers	no.	0.1	0.2	0.2	0.2	0.3	np	np	0.8	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.3**	**0.3**	**0.6**	**0.6**	**0.9**	**0.1**
2009										
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	10.4	13.1	8.9	14.0	12.4	9.2	10.0	13.7	11.2
Non-Indigenous mothers	%	4.3	4.5	4.4	4.3	4.6	5.0	3.7	4.1	4.4
Total (g)	**%**	**4.5**	**4.6**	**4.6**	**4.9**	**4.8**	**5.2**	**3.8**	**7.6**	**4.7**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	314	85	294	233	75	26	7	184	1 218
Non-Indigenous mothers	no.	3 947	3 067	2 445	1 213	849	298	166	98	12 083
Total (g)	**no.**	**4 280**	**3 155**	**2 742**	**1 446**	**924**	**324**	**174**	**282**	**13 327**
Variability band for rate										
Aboriginal and Torres Strait Islander mothers	no.	1.1	2.6	1.0	1.7	2.6	3.4	7.0	1.8	0.6
Non-Indigenous mothers	no.	0.1	0.2	0.2	0.2	0.3	0.6	0.5	0.8	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.6**	**0.5**	**0.8**	**0.1**
2010										
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	10.0	12.2	9.8	13.0	10.4	8.3	13.9	12.5	10.9
Non-Indigenous mothers	%	4.2	4.6	4.7	4.3	5.0	5.0	3.7	5.0	4.5
Total (g)	**%**	**4.4**	**4.7**	**4.9**	**4.8**	**5.1**	**5.1**	**3.8**	**7.7**	**4.7**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	294	91	320	223	63	23	11	174	1 199

Table EA.2 **Proportion of live-born singleton babies of low birthweight, by maternal Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Non-Indigenous mothers	no.	3 813	3 076	2 637	1 221	921	290	172	117	12 247
Total (g)	**no.**	**4 124**	**3 231**	**2 961**	**1 444**	**984**	**313**	**184**	**291**	**13 532**
Variability band for rate										
Aboriginal and Torres Strait Islander mothers	no.	1.1	2.4	1.0	1.6	2.4	3.3	7.6	1.7	0.6
Non-Indigenous mothers	no.	0.1	0.2	0.2	0.2	0.3	0.6	0.5	0.9	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.6**	**0.5**	**0.9**	**0.1**
2011										
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	10.0	10.0	10.1	12.3	12.7	6.6	12.7	12.4	10.7
Non-Indigenous mothers	%	4.2	4.8	4.6	4.3	4.8	5.5	4.3	4.4	4.5
Total (g)	**%**	**4.4**	**4.8**	**4.9**	**4.7**	**5.0**	**5.5**	**4.4**	**7.3**	**4.8**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	312	78	344	204	81	15	8	163	1 205
Non-Indigenous mothers	no.	3 841	3 255	2 585	1 227	881	309	205	104	12 407
Total (g)	**no.**	**4 172**	**3 359**	**2 929**	**1 431**	**962**	**326**	**213**	**271**	**13 663**
Variability band for rate										
Aboriginal and Torres Strait Islander mothers	no.	1.0	2.1	1.0	1.6	2.6	3.2	8.2	1.8	0.6
Non-Indigenous mothers	no.	0.1	0.2	0.2	0.2	0.3	0.6	0.6	0.8	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.6**	**0.6**	**0.8**	**0.1**
2012										
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	10.7	10.9	10.0	11.9	11.5	10.8	13.5	14.5	11.2
Non-Indigenous mothers	%	4.4	4.7	4.4	4.3	5.2	5.8	4.6	4.8	4.6

Table EA.2 **Proportion of live-born singleton babies of low birthweight, by maternal Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Total (g)	**%**	**4.6**	**4.8**	**4.7**	**4.7**	**5.5**	**6.0**	**4.8**	**8.2**	**4.8**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	322	89	354	198	78	31	10	193	1 275
Non-Indigenous mothers	no.	4 038	3 212	2 492	1 266	989	328	216	116	12 657
Total (g)	**no.**	**4 379**	**3 322**	**2 849**	**1 464**	**1 067**	**368**	**227**	**309**	**13 985**
Variability band for rate										
Aboriginal and Torres Strait Islander mothers	no.	1.1	2.1	1.0	1.6	2.4	3.6	7.8	1.9	0.6
Non-Indigenous mothers	no.	0.1	0.2	0.2	0.2	0.3	0.6	0.6	0.8	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.6**	**0.6**	**0.9**	**0.1**
2013										
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	9.9	9.7	9.7	13.2	11.8	10.8	12.2	13.8	10.9
Non-Indigenous mothers	%	4.4	4.8	4.4	4.4	4.9	5.3	4.4	4.4	4.6
Total (g)	**%**	**4.6**	**4.8**	**4.8**	**4.9**	**5.1**	**5.5**	**4.6**	**7.4**	**4.8**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	353	86	355	227	83	29	11	169	1 313
Non-Indigenous mothers	no.	4 016	3 458	2 556	1 401	915	290	229	119	12 984
Total (g)	**no.**	**4 370**	**3 571**	**2 914**	**1 628**	**998**	**322**	**242**	**288**	**14 333**
Variability band for rate										
Aboriginal and Torres Strait Islander mothers	no.	1.0	1.9	1.0	1.6	2.4	3.7	6.8	1.9	0.6
Non-Indigenous mothers	no.	0.1	0.2	0.2	0.2	0.3	0.6	0.6	0.8	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.6**	**0.6**	**0.8**	**0.1**
2014										

Table EA.2 **Proportion of live-born singleton babies of low birthweight, by maternal Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	9.4	11.1	9.5	11.9	12.1	10.8	9.4	13.4	10.5
Non-Indigenous mothers	%	4.5	4.9	4.5	4.6	4.8	6.1	4.7	4.6	4.7
Total (g)	**%**	**4.7**	**5.0**	**4.8**	**4.9**	**5.1**	**6.3**	**4.9**	**7.5**	**4.9**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	357	91	363	209	86	31	9	169	1 315
Non-Indigenous mothers	no.	4 086	3 592	2 611	1 471	925	327	250	119	13 381
Total (g)	**no.**	**4 444**	**3 705**	**2 974**	**1 680**	**1 011**	**362**	**265**	**288**	**14 729**
Variability band for rate										
Aboriginal and Torres Strait Islander mothers	no.	0.9	2.1	0.9	1.5	2.4	3.6	5.8	1.9	0.5
Non-Indigenous mothers	no.	0.1	0.2	0.2	0.2	0.3	0.6	0.6	0.8	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.6**	**0.6**	**0.8**	**0.1**
2015										
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	9.4	9.9	9.1	12.3	10.5	9.0	18.2	14.9	10.4
Non-Indigenous mothers	%	4.6	5.0	4.7	4.4	5.1	6.3	4.6	4.1	4.8
Total (g)	**%**	**4.8**	**5.0**	**5.0**	**4.8**	**5.3**	**6.4**	**4.9**	**7.6**	**5.0**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	362	95	348	206	75	28	20	189	1 323
Non-Indigenous mothers	no.	4 187	3 659	2 642	1 403	940	319	242	108	13 500
Total (g)	**no.**	**4 549**	**3 774**	**2 991**	**1 609**	**1 015**	**353**	**263**	**297**	**14 851**
Variability band for rate										
Aboriginal and Torres Strait Islander mothers	no.	0.9	1.9	0.9	1.6	2.2	3.2	7.2	2.0	0.5

Table EA.2 **Proportion of live-born singleton babies of low birthweight, by maternal Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Non-Indigenous mothers	no.	0.1	0.2	0.2	0.2	0.3	0.7	0.6	0.8	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.6**	**0.6**	**0.8**	**0.1**
2016										
Proportion low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	%	8.9	9.4	9.4	13.0	10.1	10.2	5.0	14.5	10.2
Non-Indigenous mothers	%	4.6	5.0	4.9	4.6	5.1	6.2	4.4	4.8	4.8
Total (g)	**%**	**4.8**	**5.1**	**5.2**	**5.1**	**5.3**	**6.3**	**4.5**	**8.0**	**5.1**
Number of low birthweight babies born to										
Aboriginal and Torres Strait Islander mothers	no.	366	86	381	229	74	31	5	182	1 354
Non-Indigenous mothers	no.	4 216	3 781	2 745	1 520	946	329	237	127	13 901
Total (g)	**no.**	**4 601**	**3 884**	**3 128**	**1 749**	**1 021**	**361**	**248**	**309**	**15 301**
Variability band for rate										
Aboriginal and Torres Strait Islander mothers	no.	0.9	1.9	0.9	1.6	2.2	3.4	4.3	2.0	0.5
Non-Indigenous mothers	no.	0.1	0.2	0.2	0.2	0.3	0.7	0.5	0.8	0.1
Total (g)	**no.**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.6**	**0.5**	**0.9**	**0.1**

(a) Low birthweight is defined as less than 2500 grams.

(b) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection.

(c) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(d) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published by place of residence.

(e) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

(f) Birthweight data on babies born to Aboriginal and Torres Strait Islander mothers residing in Tasmania and the ACT should be viewed with caution as they are based on small numbers of births.

Table EA.2 **Proportion of live-born singleton babies of low birthweight, by maternal Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*

(g) Includes births to mothers whose Aboriginal and Torres Strait Islander status was not stated.

Source: AIHW (unpublished) National Perinatal Data Collection.

Table EA.3 **Proportion of adults and children in BMI categories (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (i)	*Aust*
Adults										
2007-08										
Underweight	%	1.8	1.5	3.1	1.4	2.3	2.1	1.1	–	2.0
95 per cent confidence interval	±	0.7	0.6	1.4	0.6	0.9	1.2	0.7	–	0.4
Normal weight	%	37.6	37.5	35.7	35.6	36.9	35.2	39.8	36.8	36.9
95 per cent confidence interval	±	2.4	2.6	2.5	3.2	2.5	3.3	3.0	19.4	1.2
Overweight	%	37.1	36.5	36.1	37.4	37.1	36.2	34.2	30.4	36.7
95 per cent confidence interval	±	2.4	2.3	2.5	3.0	2.6	3.1	2.8	11.2	1.2
Obese	%	23.4	24.5	25.0	25.6	23.7	26.5	24.8	32.8	24.4
95 per cent confidence interval	±	2.2	2.4	2.4	3.2	2.2	3.2	2.5	17.9	1.1
2011-12 (j)										
Underweight	%	1.9	1.5	1.8	1.3	1.3	1.0	0.6	2.3	1.6
95 per cent confidence interval	±	0.5	0.6	0.5	0.5	0.5	0.6	0.4	1.1	0.2
Normal weight	%	36.9	37.5	33.6	33.1	33.1	35.7	36.4	34.9	35.7
95 per cent confidence interval	±	1.6	1.8	2.0	1.8	1.8	2.1	2.8	3.0	0.9
Overweight	%	35.0	35.5	34.7	37.3	36.5	36.0	37.8	34.9	35.5
95 per cent confidence interval	±	1.5	1.8	1.7	1.9	1.8	1.9	2.2	3.4	0.7
Obese	%	26.2	25.6	30.0	28.2	29.2	27.2	25.2	27.9	27.2
95 per cent confidence interval	±	1.6	1.8	1.6	2.0	1.8	2.3	2.2	2.7	0.8
2014-15 (j)										
Underweight	%	1.8	2.1	1.2	1.8	1.4	1.6	1.1	1.9	1.7
95 per cent confidence interval	±	0.7	0.6	0.5	0.6	0.7	0.9	0.8	1.4	0.3
Normal weight	%	35.4	34.9	35.6	37.9	34.0	32.2	34.8	35.5	35.5

Table EA.3 **Proportion of adults and children in BMI categories (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (i)	*Aust*
95 per cent confidence interval	±	2.5	1.9	2.2	2.7	2.4	2.5	2.7	3.8	1.1
Overweight	%	34.8	37.0	33.3	36.1	35.2	34.5	39.1	34.9	35.3
95 per cent confidence interval	±	2.0	2.0	2.0	2.7	2.6	3.0	2.7	3.5	1.0
Obese	%	28.0	26.1	30.0	24.3	29.2	31.5	24.1	30.0	27.5
95 per cent confidence interval	±	2.2	1.7	2.4	2.0	2.7	2.5	2.3	4.0	1.0
Children										
2007-08										
Underweight	%	7.8	6.3	10.2	6.9	6.2	4.1	3.3	np	7.5
95 per cent confidence interval	±	2.6	2.8	3.5	3.3	3.3	3.5	1.8	np	1.4
Normal weight	%	68.8	68.5	62.9	68.1	68.1	77.2	75.8	88.4	67.7
95 per cent confidence interval	±	4.7	5.1	6.4	6.1	8.2	7.1	5.1	52.1	2.9
Overweight	%	15.0	18.9	18.0	19.6	18.4	12.1	np	np	17.2
95 per cent confidence interval	±	3.7	4.4	5.3	5.4	6.4	5.4	np	np	2.1
Obese	%	8.5	6.3	8.9	5.4	7.3	6.6	np	np	7.5
95 per cent confidence interval	±	3.3	2.5	4.0	2.8	4.5	3.9	np	np	1.7
2011-12 (j)										
Underweight	%	4.2	4.6	6.9	5.5	4.4	5.0	4.6	9.9	5.1
95 per cent confidence interval	±	1.3	1.3	1.9	1.8	1.7	2.1	2.0	4.0	0.6
Normal weight	%	70.6	71.8	67.2	66.8	72.0	69.7	70.0	64.9	69.8
95 per cent confidence interval	±	3.6	3.2	3.5	3.4	4.2	5.0	4.4	6.1	1.7
Overweight	%	18.5	17.8	17.4	21.1	16.6	16.9	19.5	17.4	18.2
95 per cent confidence interval	±	2.8	3.1	2.6	2.8	3.5	3.5	4.1	4.5	1.3

Table EA.3 **Proportion of adults and children in BMI categories (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (i)	*Aust*
Obese	%	6.7	5.8	8.5	6.6	7.0	8.5	5.9	7.8	6.9
95 per cent confidence interval	±	1.6	1.6	2.0	2.0	2.2	3.1	1.9	3.5	0.9
2014-15 (j)										
Underweight	%	4.6	5.6	7.9	6.5	5.1	5.8	6.3	5.4	5.7
95 per cent confidence interval	±	2.2	2.9	3.2	2.4	2.6	3.8	3.2	4.2	1.2
Normal weight	%	68.8	63.9	65.7	66.0	71.8	64.2	68.7	64.5	66.7
95 per cent confidence interval	±	4.3	5.3	5.1	4.9	5.3	6.6	6.5	7.3	2.3
Overweight	%	17.9	23.9	19.3	20.2	18.3	22.1	19.0	17.7	20.3
95 per cent confidence interval	±	3.6	3.9	4.1	4.6	4.8	5.9	5.3	5.3	2.0
Obese	%	8.9	5.8	7.2	5.6	6.1	7.6	5.6	12.3	7.4
95 per cent confidence interval	±	2.6	2.2	2.9	2.7	2.7	3.6	3.0	5.9	1.3
Relative standard error for adults										
2007-08										
Underweight	%	19.5	21.2	22.5	22.1	20.9	29.0	30.1	–	11.3
Normal weight	%	3.2	3.5	3.6	4.6	3.4	4.8	3.8	26.9	1.7
Overweight	%	3.3	3.3	3.5	4.1	3.6	4.4	4.2	18.9	1.6
Obese	%	4.8	5.0	4.9	6.3	4.8	6.2	5.1	27.8	2.3
2011-12 (j)										
Underweight	%	13.6	20.9	14.3	19.5	19.7	28.3	33.9	24.1	7.7
Normal weight	%	2.2	2.5	3.0	2.8	2.7	3.0	3.9	4.3	1.3
Overweight	%	2.2	2.6	2.5	2.5	2.5	2.7	3.0	5.0	1.0
Obese	%	3.0	3.5	2.7	3.6	3.2	4.3	4.5	4.9	1.6
2014-15 (j)										
Underweight	%	18.7	15.2	23.6	17.4	26.0	27.8	35.0	39.1	7.8
Normal weight	%	3.6	2.9	3.1	3.7	3.6	4.0	4.0	6.0	1.5
Overweight	%	3.0	2.7	3.1	3.8	3.8	4.4	3.5	5.1	1.4
Obese	%	4.0	3.3	4.1	4.1	4.7	4.0	4.9	6.8	1.8
Relative standard error for children										
2007-08										
Underweight	%	17.0	22.7	17.3	24.2	26.6	43.2	27.1	np	9.5

Table EA.3 **Proportion of adults and children in BMI categories (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (i)	*Aust*
Normal weight	%	3.5	3.8	5.2	4.6	6.1	4.7	3.4	30.1	2.2
Overweight	%	12.5	11.9	14.9	14.2	17.9	22.7	np	np	6.2
Obese	%	19.7	20.7	22.9	26.0	31.2	29.8	np	np	11.5
2011-12 (j)										
Underweight	%	15.2	13.8	13.8	16.7	19.0	21.2	22.4	20.5	5.8
Normal weight	%	2.6	2.3	2.6	2.6	2.9	3.7	3.2	4.8	1.2
Overweight	%	7.7	8.7	7.5	6.8	10.6	10.6	10.6	13.1	3.6
Obese	%	12.4	14.0	12.1	15.4	16.2	19.0	16.2	22.7	6.4
2014-15 (j)										
Underweight	%	25.1	26.5	20.6	18.7	25.9	33.4	26.1	39.6	10.8
Normal weight	%	3.2	4.2	3.9	3.8	3.8	5.2	4.9	5.8	1.8
Overweight	%	10.3	8.4	10.8	11.6	13.3	13.6	14.3	15.3	5.1
Obese	%	15.0	19.4	20.3	24.3	22.1	23.8	27.6	24.3	8.7

Estimates with RSEs between 25 per cent and 50 per cent should be used with caution.

(a) Adults are defined as persons aged 18 years or over. Children are defined as persons aged 5–17 years.

(b) Body mass index (BMI) categories for adults are defined as: Underweight (BMI less than 18.5); Normal weight (BMI 18.5–24.9); Overweight (BMI 25.0–29.9); Obese (BMI 30.0 or over).

(c) BMI categories for children are defined as BMI (appropriate for age and sex) that is likely to be equal to the BMI for the same adult category at age 18 years.

(d) In 2014-15, 26.8 per cent of respondents aged 18 years and over did not have their height, weight or both measured. For these respondents, imputation was used to obtain height, weight and BMI scores.

(e) Data are calculated from measured height and weight. Data exclude those for whom measured height and weight were not available. Data are not comparable with data for 2004-05 that are based on self-reported height and weight.

(f) In 2014-15, 37.7 per cent of respondents aged 2-17 years did not have their height, weight or both measured. For these respondents, imputation was used to obtain height, weight and BMI scores.

(g) Rates are age standardised by State and Territory, to the 2001 Australian standard population (5 year ranges from 18 years for adults, selected ranges from 5–17 years for children).

(h) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 4364.0).

(i) Data for the NT should be interpreted with caution as the Australian Health Survey and National Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 25 per cent of the estimated resident population of the NT.

(j) Data for the NT for 2011-12 and 2014-15 are not comparable to data for previous years due to the increase in sample size.

– Nil or rounded to zero. **np** Not published.

Source: ABS (unpublished) *National Health Survey 2014-15*, Cat. no. 4364.0; ABS (unpublished) *Australian Health Survey 2011–13* (2011-12 Core component), Cat. no. 4364.0; ABS (unpublished) *National Health Survey 2007-08,* Cat. no. 4364.0.

Table EA.4 **Rate of overweight and obesity for adults and children, by remoteness (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic* (h)	*Qld*	*WA*	*SA*	*Tas* (h)	*ACT* (h)	*NT* (h), (i)	*Aust*
Adults										
2007-08										
Major cities	%	58.4	58.7	57.5	59.6	61.6	..	59.1	..	58.8
95 per cent confidence interval	±	2.7	3.0	3.9	3.8	2.8	..	3.0	..	1.4
Inner regional	%	64.4	66.8	66.4	72.7	51.1	60.8	np	..	66.2
95 per cent confidence interval	±	5.3	5.6	4.6	8.4	9.2	4.6	np	..	2.3
Outer regional	%	69.2	77.1	60.5	65.1	59.6	66.3	..	53.8	65.0
95 per cent confidence interval	±	10.0	14.5	8.1	13.4	22.8	6.2	..	17.6	4.5
Remote	%	53.0	np	64.2	73.3	61.7	81.3	..	52.9	64.0
95 per cent confidence interval	±	55.3	np	27.7	12.7	18.3	48.5	..	38.2	12.2
Very remote (k)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
2011-12 (j)										
Major cities	%	59.4	59.1	62.4	64.2	64.2	..	63.0	..	60.9
95 per cent confidence interval	±	2.1	2.3	2.0	2.2	2.1	..	2.8	..	1.2
Inner regional	%	68.2	68.9	67.4	70.0	71.0	61.9	–	..	67.8
95 per cent confidence interval	±	4.1	4.1	3.7	6.1	7.5	2.6	–	..	1.8
Outer regional	%	64.0	59.8	70.8	72.3	69.3	66.3	..	62.3	67.8
95 per cent confidence interval	±	6.5	14.2	5.1	6.3	8.2	4.0	..	3.7	3.0
Remote	%	np	–	67.3	68.7	65.8	70.9	..	64.4	70.1
95 per cent confidence interval	±	np	–	35.4	13.2	15.9	24.3	..	6.9	6.1
Very remote (k)	%	na	..	na	na	na	na	..	na	na

Table EA.4 **Rate of overweight and obesity for adults and children, by remoteness (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic* (h)	*Qld*	*WA*	*SA*	*Tas* (h)	*ACT* (h)	*NT* (h), (i)	*Aust*
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
2014-15 (j)										
Major cities	%	60.9	61.4	61.6	59.0	62.2	..	63.6	..	61.2
95 per cent confidence interval	±	3.4	2.7	2.2	2.5	2.6	..	2.6	..	1.4
Inner regional	%	66.6	68.2	70.5	60.3	66.5	62.8	–	..	67.2
95 per cent confidence interval	±	4.7	5.6	7.9	9.8	12.9	4.3	–	..	2.5
Outer regional	%	np	np	np	np	np	np	..	np	67.9
95 per cent confidence interval	±	np	np	np	np	np	np	..	np	2.9
Remote	%	np	np	np	np	np	np	..	np	67.9
95 per cent confidence interval	±	np	np	np	np	np	np	..	np	12.6
Very remote (k)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
Combined outer regional, remote and very remote	%	68.4	69.1	63.8	72.1	75.5	74.9	..	64.9	68.1
95 per cent confidence interval	±	4.9	11.0	7.3	9.5	5.0	2.1	..	3.8	3.5
Children										
2007-08										
Major cities	%	21.5	23.6	24.6	23.0	23.5	..	20.9	..	22.8
95 per cent confidence interval	±	5.2	5.2	7.3	6.1	8.3	..	4.7	..	3.1
Inner regional	%	27.3	28.5	30.6	24.7	38.3	19.8	np	..	28.7
95 per cent confidence interval	±	11.5	11.3	11.2	12.4	28.5	9.1	np	..	5.3
Outer regional	%	28.4	np	22.8	24.3	np	16.8	..	np	25.5

Table EA.4 **Rate of overweight and obesity for adults and children, by remoteness (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic* (h)	*Qld*	*WA*	*SA*	*Tas* (h)	*ACT* (h)	*NT* (h), (i)	*Aust*
95 per cent confidence interval	±	26.1	np	14.8	19.2	np	9.0	..	np	10.7
Remote	%	np	np	35.4	30.6	np	np	..	np	21.3
95 per cent confidence interval	±	np	np	67.1	28.5	np	np	..	np	16.7
Very remote (k)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
2011-12 (j)										
Major cities	%	24.2	24.8	25.3	26.9	21.1	..	25.4	..	24.6
95 per cent confidence interval	±	3.6	3.9	3.9	3.8	3.9	..	4.5	..	1.8
Inner regional	%	27.6	21.5	26.2	27.4	28.6	26.0	–	..	25.6
95 per cent confidence interval	±	8.7	7.7	6.3	13.8	14.1	5.3	–	..	4.3
Outer regional	%	30.1	12.4	28.0	32.6	32.0	25.3	..	22.6	27.4
95 per cent confidence interval	±	16.1	7.5	10.2	11.0	12.6	10.9	..	5.9	4.7
Remote	%	–	–	27.0	31.0	21.1	np	..	33.6	27.6
95 per cent confidence interval	±	–	–	43.8	42.3	29.5	np	..	10.8	14.7
Very remote (k)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
2014-15 (j)										
Major cities	%	28.7	30.4	24.0	27.3	22.2	..	24.6	..	27.6
95 per cent confidence interval	±	3.8	5.0	5.0	4.6	5.1	..	5.7	..	2.3
Inner regional	%	18.6	29.8	19.0	28.9	25.0	25.6	–	..	21.5
95 per cent confidence interval	±	9.2	11.3	10.4	17.9	13.1	6.4	–	..	5.2
Outer regional	%	np	np	np	np	np	np	..	np	np

Table EA.4 **Rate of overweight and obesity for adults and children, by remoteness (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic* (h)	*Qld*	*WA*	*SA*	*Tas* (h)	*ACT* (h)	*NT* (h), (i)	*Aust*
95 per cent confidence interval	±	np	np	np	np	np	np	..	np	np
Remote	%	np	np	np	np	np	np	..	np	np
95 per cent confidence interval	±	np	np	np	np	np	np	..	np	np
Very remote (k)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
Combined outer regional, remote and very remote	%	41.2	41.2	42.3	25.6	29.2	32.0	..	26.1	38.9
95 per cent confidence interval	±	16.1	46.7	16.0	17.1	19.2	12.0	..	7.1	8.0
Relative standard error for adults										
2007-08										
Major cities	%	2.4	2.6	3.4	3.2	2.4	..	2.6	..	1.3
Inner regional	%	4.2	4.3	3.5	5.9	9.2	3.8	np	..	1.8
Outer regional	%	7.4	9.6	6.9	10.5	19.5	4.8	..	16.7	3.6
Remote	%	53.3	np	22.0	8.9	15.1	30.5	..	36.9	9.7
Very remote (k)	%	na	..	na	na	na	na	..	na	na
2011-12 (j)										
Major cities	%	1.8	2.0	1.6	1.7	1.7	..	2.3	..	1.0
Inner regional	%	3.1	3.1	2.8	4.4	5.4	2.1	np	..	1.4
Outer regional	%	5.2	12.1	3.6	4.4	6.1	3.0	..	3.0	2.3
Remote	%	np	np	26.8	9.8	12.3	17.5	..	5.5	4.5
Very remote (k)	%	na	..	na	na	na	na	..	na	na
2014-15 (j)										
Major cities	%	2.8	2.2	1.8	2.2	2.1	..	np	..	1.2
Inner regional	%	3.6	4.2	5.7	8.3	9.9	3.5	np	..	1.9
Outer regional	%	np	np	np	np	np	np	..	np	2.2
Remote	%	np	np	np	np	np	np	..	np	9.5
Very remote (k)	%	na	..	na	na	na	na	..	na	na
Combined outer regional, remote and very remote	%	3.7	8.1	5.9	6.7	3.4	1.4	..	3.0	2.6
Relative standard error for children										

Table EA.4 **Rate of overweight and obesity for adults and children, by remoteness (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic* (h)	*Qld*	*WA*	*SA*	*Tas* (h)	*ACT* (h)	*NT* (h), (i)	*Aust*
2007-08										
Major cities	%	21.5	23.6	24.6	23.0	23.5	..	20.9	..	22.8
Inner regional	%	27.3	28.5	30.6	24.7	38.3	19.8	np	..	28.7
Outer regional	%	28.4	np	22.8	24.3	np	16.8	..	np	25.5
Remote	%	np	np	35.4	30.6	np	np	..	np	21.3
Very remote (k)	%	na	..	na	na	na	na	..	na	na
2011-12 (j)										
Major cities	%	7.7	8.1	7.8	7.1	9.4	..	9.0	..	3.7
Inner regional	%	16.1	18.3	12.4	25.7	25.1	10.5	np	..	8.5
Outer regional	%	27.2	30.9	18.6	17.1	20.1	22.0	..	13.3	8.8
Remote	%	–	–	82.6	69.7	71.4	np	..	16.5	27.2
Very remote (k)	%	na	..	na	na	na	na	..	na	na
2014-15 (j)										
Major cities	%	6.7	8.4	10.6	8.6	11.6	..	11.8	..	4.2
Inner regional	%	25.2	19.3	28.0	31.7	26.8	12.7	np	..	12.4
Outer regional	%	np	np	np	np	np	np	..	np	10.3
Remote	%	np	np	np	np	np	np	..	np	27.1
Very remote (k)	%	na	..	na	na	na	na	..	na	na
Combined outer regional, remote and very remote	%	19.9	57.9	19.3	34.1	33.5	19.1	..	13.8	4.2

Estimates with RSEs between 25 per cent and 50 per cent should be used with caution. Estimates with RSEs greater than 50 per cent are considered too unreliable for general use.

(a) Adults are defined as persons aged 18 years or over. Children are defined as persons aged 5–17 years.

(b) Overweight for adults is defined as BMI equal to 25 but less than 30. Overweight for children is defined as BMI (appropriate for age and sex) that is likely to be equal to 25 but less than 30 at age 18 years. Obesity for adults is defined as BMI equal to or greater than 30. Obesity for children is defined as BMI (appropriate for age and sex) that is likely to be 30 or more at age 18 years.

(c) Data are calculated from measured height and weight. Data exclude those for whom measured height and weight were not available. Data are not comparable with data for 2004-05 that are based on self-reported height and weight.

(d) In 2014-15, 26.8 per cent of respondents aged 18 years and over did not have their height, weight or both measured. For these respondents, imputation was used to obtain height, weight and BMI scores.

(e) In 2014-15, 37.7 per cent respondents aged 2-17 years did not have their height, weight or both measured. For these respondents, imputation was used to obtain height, weight and BMI scores. In 2014-15, 40 per cent of respondents aged 2-17 years did not have their waist measured, For these respondents, imputation was used to obtain waist.

(f) Rates are age standardised by State and Territory, to the 2001 Australian standard population (5 year ranges from 18 years for adults, selected ranges from 5–17 years for children).

Table EA.4 **Rate of overweight and obesity for adults and children, by remoteness (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic* (h)	*Qld*	*WA*	*SA*	*Tas* (h)	*ACT* (h)	*NT* (h), (i)	*Aust*

(g) For more information on data quality, including collection methodologies and data limitations, see the ABS website.

(h) There are no very remote areas in Victoria; no major cities in Tasmania; no outer regional or remote areas in the ACT; and no inner regional or major cities in the NT.

(i) Data for the NT should be interpreted with caution as the Australian Health Survey and National Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 25 per cent of the estimated resident population of the NT.

(j) Data for the NT for 2011-12 and 2014-15 are not comparable to data for previous years due to the increase in sample size.

(k) Data were not collected for very remote areas.

na Not available. .. Not applicable. – Nil or rounded to zero. **np** Not published.

Source: ABS (unpublished) *National Health Survey 2014-15*, Cat. no. 4364.0; ABS (unpublished) *Australian Health Survey 2011–13* (2011-12 Core component), Cat. no. 4364.0; ABS (unpublished) *National Health Survey 2007-08,* Cat. no. 4364.0.

Table EA.5 **Rates of overweight and obesity for adults, by Indigenous status, 2011–13 (a), (b), (c), (d), (e), (f)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (g)	*Aust*
Rates										
Aboriginal and Torres Strait Islander people	%	76.4	71.0	72.4	73.7	71.9	69.2	72.8	61.5	72.4
95 per cent confidence interval	±	3.1	5.5	3.0	3.6	4.7	4.9	8.4	5.6	1.5
Other Australians	%	61.0	61.1	64.5	65.3	65.5	63.8	62.5	62.1	62.6
95 per cent confidence interval	±	1.8	1.9	1.8	2.0	1.7	2.0	2.9	2.9	1.0
Relative standard errors										
Aboriginal and Torres Strait Islander people	%	2.1	4.0	2.1	2.5	3.3	3.6	5.9	4.6	1.0
Other Australians	%	1.5	1.6	1.4	1.5	1.4	1.6	2.4	2.4	0.8
Rate ratio (h)	no.	1.3	1.2	1.1	1.1	1.1	1.1	1.2	1.0	1.2

Estimates with RSEs between 25 per cent and 50 per cent should be used with caution. Estimates with RSEs greater than 50 per cent are considered too unreliable for general use.

(a) Adults are defined as persons aged 18 years or over.

(b) Overweight for adults is defined as BMI equal to 25 but less than 30. Obesity for adults is defined as BMI equal to or greater than 30.

(c) BMI calculated from measured height and weight. Data are not comparable with 2004-05 data that are calculated from self-reported height and weight.

(d) Rates are age standardised by State and Territory to the 2001 Australian standard population (10 year ranges from 18).

(e) Data are based on the full sample of the Australian Aboriginal and Torres Strait Islander Health Survey.

(f) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. nos. 4364.0 and 4727.0).

(g) Data for non-indigenous people for the NT should be interpreted with caution as the Australian Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 29 per cent of the estimated resident population of the NT.

(h) Rate ratio is computed by dividing the age standardised rate for Aboriginal and Torres Strait Islander people by the age standardised rate for other Australians.

Source: ABS (unpublished) *Australian Health Survey 2011–13* (2011-12 Core component), Cat. no. 4364.0; ABS (unpublished) *Australian Aboriginal and Torres Strait Islander Health Survey, 2012-13* (Core component), Cat. no. 4727.0.

Table EA.6 **Rate of overweight and obesity for children by Indigenous status, 2011–13 (a), (b), (c), (d), (e), (f)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (g)	*Aust*
Rates										
Aboriginal and Torres Strait Islander children	%	36.7	34.5	30.4	31.6	37.6	32.1	41.9	24.2	32.8
95 per cent confidence interval	±	5.1	7.8	5.1	6.2	7.9	7.9	15.2	5.3	2.5
Non-Indigenous children	%	24.5	23.9	25.5	27.8	23.0	24.8	24.7	23.8	24.8
95 per cent confidence interval	±	3.3	3.3	3.5	3.3	3.4	4.5	4.3	5.3	1.6
Relative standard errors										
Aboriginal and Torres Strait Islander children	%	7.2	11.6	8.6	10.0	10.7	12.5	18.5	11.1	4.0
Non-Indigenous children	%	6.9	7.0	6.9	6.1	7.6	9.2	8.8	11.3	3.2

Estimates with RSEs between 25 per cent and 50 per cent should be used with caution. Estimates with RSEs greater than 50 per cent are considered too unreliable for general use.

(a) Children are defined as persons aged 5-17 years.

(b) Overweight for children is defined as BMI (appropriate for age and sex) that is likely to be equal to 25 but less than 30 at age 18 years. Obesity for children is defined as BMI (appropriate for age and sex) that is likely to be 30 or more at age 18 years.

(c) BMI calculated from measured height and weight.

(d) Rates are age standardised by State and Territory to the 2001 Australian standard population (selected age ranges from 5-17 years).

(e) Data are based on the full sample of the Australian Aboriginal and Torres Strait Islander Health Survey.

(f) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. nos. 4364.0 and 4727.0).

(g) Data for non-indigenous people for the NT should be interpreted with caution as the Australian Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 29 per cent of the estimated resident population of the NT.

Source: ABS (unpublished) *Australian Health Survey 2011–13* (2011-12 Core component), Cat. no. 4364.0; ABS (unpublished) *Australian Aboriginal and Torres Strait Islander Health Survey 2012-13* (Core component), Cat. no. 4727.0.

Table EA.7 **Proportion of adults aged 18 or over who are daily smokers, by remoteness (a), (b), (c)**

	Unit	*NSW*	*Vic* (c)	*Qld*	*WA*	*SA*	*Tas* (c)	*ACT* (c)	*NT* (c), (d)	*Aust*
Remoteness of residence (age standardised rate)										
2007-08										
Major cities	%	17.9	17.0	18.5	16.7	18.1	..	15.8	..	17.6
95 per cent confidence interval	±	2.1	1.7	2.6	2.3	2.1	..	2.0	..	1.0
Inner regional	%	20.8	17.5	22.0	13.2	25.5	23.2	–	..	20.1
95 per cent confidence interval	±	4.6	3.5	4.0	5.1	10.2	4.2	–	..	2.1
Outer regional	%	23.7	21.3	28.4	23.9	28.5	27.4	..	21.7	25.7
95 per cent confidence interval	±	6.1	14.5	5.3	5.6	7.0	5.2	..	12.1	3.1
Remote	%	27.9	–	33.4	32.8	21.7	11.3	..	19.6	27.3
95 per cent confidence interval	±	32.2	–	16.1	17.0	10.5	6.4	..	11.7	7.3
Very remote (e)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
Total	**%**	19.0	17.3	21.6	17.3	20.2	24.3	15.7	21.1	19.1
95 per cent confidence interval	**±**	1.9	1.6	2.0	2.1	2.3	3.0	2.0	10.5	0.9

Table EA.7 **Proportion of adults aged 18 or over who are daily smokers, by remoteness (a), (b), (c)**

	Unit	*NSW*	*Vic* (c)	*Qld*	*WA*	*SA*	*Tas* (c)	*ACT* (c)	*NT* (c), (d)	*Aust*
Daily smokers	'000	975.4	682.5	665.2	268.6	232.9	85.1	41.9	28.8	2 980.3
2011-12 (f)										
Major cities	%	13.5	14.8	15.9	16.4	15.6	..	12.5	..	14.7
95 per cent confidence interval	±	1.4	1.6	1.6	1.6	1.6	..	1.9	..	0.7
Inner regional	%	17.2	22.2	20.6	21.2	14.5	18.8	–	..	19.5
95 per cent confidence interval	±	3.3	3.9	4.3	5.7	5.4	2.2	–	..	1.8
Outer regional	%	21.6	24.1	20.6	24.2	26.4	28.4	..	21.5	22.6
95 per cent confidence interval	±	7.4	18.6	4.1	6.8	5.5	3.7	..	2.9	2.2
Remote	%	31.1	np	48.6	20.1	23.4	42.1	..	25.2	26.1
95 per cent confidence interval	±	43.6	np	40.8	10.1	20.3	26.5	..	4.2	7.2
Very remote (e)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
Total	**%**	**14.4**	**16.5**	**17.9**	**17.6**	**16.8**	**21.9**	**12.5**	**22.5**	**16.3**
95 per cent confidence interval	**±**	**1.1**	**1.3**	**1.3**	**1.6**	**1.4**	**1.9**	**1.9**	**2.5**	**0.6**

Table EA.7 **Proportion of adults aged 18 or over who are daily smokers, by remoteness (a), (b), (c)**

	Unit	*NSW*	*Vic* (c)	*Qld*	*WA*	*SA*	*Tas* (c)	*ACT* (c)	*NT* (c), (d)	*Aust*
Daily smokers	'000	807.8	702.9	601.6	308.4	203.3	78.7	35.0	29.4	2 751.4
2014-15 (f)										
Major cities	%	12.9	12.9	14.7	13.4	12.1	..	12.2	..	13.1
95 per cent confidence interval	±	1.8	1.6	2.2	1.7	1.7	..	1.7	..	0.9
Inner regional	%	18.3	18.8	18.1	12.8	16.9	18.9	–	..	18.4
95 per cent confidence interval	±	3.6	6.8	4.2	8.5	10.0	2.4	–	..	2.0
Outer regional	%	np	np	np	np	np	np	..	np	22.9
95 per cent confidence interval	±	np	np	np	np	np	np	..	np	4.0
Remote	%	np	np	np	np	np	np	..	np	19.1
95 per cent confidence interval	±	np	np	np	np	np	np	..	np	6.5
Very remote (e)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
Combined outer regional, remote and very remote	%	31.2	19.4	21.9	23.6	21.7	21.0	..	20.0	22.4

Table EA.7 **Proportion of adults aged 18 or over who are daily smokers, by remoteness (a), (b), (c)**

	Unit	*NSW*	*Vic* (c)	*Qld*	*WA*	*SA*	*Tas* (c)	*ACT* (c)	*NT* (c), (d)	*Aust*
95 per cent confidence interval	±	12.2	4.2	6.3	8.1	7.4	4.3	..	3.2	3.7
Total	**%**	**14.5**	**14.0**	**16.4**	**14.3**	**13.5**	**19.4**	**12.2**	**20.0**	**14.8**
95 per cent confidence interval	**±**	**1.7**	**1.9**	**1.9**	**1.8**	**1.9**	**2.0**	**1.7**	**3.2**	**0.9**
Daily smokers	'000	815.0	618.3	562.8	269.7	169.1	69.9	36.2	27.7	2 573.8
Relative standard error										
2007-08										
Major cities	%	6.1	5.2	7.2	7.1	5.8	..	6.4	..	2.9
Inner regional	%	11.3	10.1	9.2	19.7	20.5	9.3	–	..	5.3
Outer regional	%	13.2	34.7	9.6	12.0	12.6	9.7	..	28.5	6.1
Remote	%	58.7	–	24.6	26.5	24.8	29.1	..	30.5	13.7
Very remote (e)	%	na	..	na	na	na	na	..	na	na
Total	%	**5.2**	**4.6**	**4.7**	**6.3**	**5.7**	**6.2**	**6.4**	**25.4**	**2.4**
2011-12 (f)										
Major cities	%	5.3	5.4	5.0	5.0	5.3	..	7.6	..	2.5
Inner regional	%	9.8	8.9	10.7	13.8	18.9	5.9	–	..	4.8
Outer regional	%	17.4	39.4	10.2	14.4	10.7	6.6	..	6.8	5.0
Remote	%	71.4	–	42.9	25.6	44.4	32.1	..	8.5	14.2
Very remote (e)	%	na	..	na	na	na	na	..	na	na
Total	%	**4.0**	**4.1**	**3.8**	**4.6**	**4.2**	**4.5**	**7.6**	**5.8**	**2.0**
2014-15 (f)										
Major cities	%	7.2	6.2	7.7	6.3	7.3	..	7.0	..	3.3

Table EA.7 **Proportion of adults aged 18 or over who are daily smokers, by remoteness (a), (b), (c)**

	Unit	*NSW*	*Vic* (c)	*Qld*	*WA*	*SA*	*Tas* (c)	*ACT* (c)	*NT* (c), (d)	*Aust*
Inner regional	%	10.2	18.4	12.0	34.0	30.0	6.4	–	..	5.6
Outer regional	%	np	np	np	np	np	np	..	np	8.8
Remote	%	np	np	np	np	np	np	..	np	17.2
Very remote (e)	%	na	..	na	na	na	na	..	na	na
Combined outer regional, remote and very remote		20.0	11.1	14.7	17.6	17.4	10.5	..	8.1	8.5
Total	%	**5.9**	**7.0**	**6.0**	**6.5**	**7.1**	**5.7**	**7.0**	**8.1**	**3.1**

Estimates with RSEs between 25 per cent and 50 per cent should be used with caution. Estimates with RSEs greater than 50 per cent are considered too unreliable for general use.

(a) Rates are age standardised by State and Territory, to the 2001 Australian standard population.

(b) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 4364.0).

(c) There are no very remote areas in Victoria; no major cities in Tasmania; no outer regional or remote areas in the ACT; and no inner regional or major cities in the NT.

(d) Data for the NT should be used with care as the Australian Health Survey and the National Health Survey excluded very remote areas and discrete Aboriginal and Torres Strait Islander communities. This has a small impact on estimates except for the NT, where more than 20 per cent of the population live in such areas.

(e) Data were not collected for very remote areas.

(f) Data for 2011-12 and 2014-15 are not comparable to data for previous years due to the increased sample size.

na Not available. .. Not applicable. – Nil or rounded to zero. **np** Not published.

Source: ABS (unpublished) *National Health Survey 2014-15*, Cat. no. 4364.0; ABS (unpublished) *Australian Health Survey 2011–13* (2011-12 Core component), Cat. no. 4364.0; ABS (unpublished) *National Health Survey 2007-08,* Cat. no. 4364.0.

Table EA.8 **Proportion of adults who are daily smokers, by Indigenous status (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (e)	*Aust*
2007-08										
Rate of adult daily smokers										
Aboriginal and Torres Strait Islander people	%	47.6	46.6	42.8	39.6	47.0	44.2	29.8	46.6	44.8
95 per cent confidence interval	±	4.6	3.8	4.2	4.4	5.4	5.9	6.5	4.9	2.0
Other Australians	%	18.8	17.3	21.5	16.9	20.0	23.5	16.0	22.2	18.9
95 per cent confidence interval	±	1.9	1.6	2.0	2.0	2.3	3.1	2.0	12.3	0.9
Relative standard errors										
Aboriginal and Torres Strait Islander people	%	5.0	4.1	5.0	5.7	5.9	6.8	11.2	5.4	2.3
Other Australians	%	5.1	4.8	4.6	6.2	5.8	6.7	6.4	28.2	2.4
Rate ratio (g)		2.5	2.7	2.0	2.3	2.4	1.9	1.9	2.1	2.4
2011–13 (f)										
Rate of adult daily smokers										
Aboriginal and Torres Strait Islander people	%	41.6	41.7	41.9	39.7	41.8	39.5	28.3	49.0	42.0
95 per cent confidence interval	±	3.6	5.3	3.2	3.4	4.8	5.0	7.5	4.7	1.8
Other Australians	%	14.0	16.5	17.1	17.4	16.3	21.2	12.6	22.1	16.0
95 per cent confidence interval	±	1.1	1.3	1.2	1.5	1.4	1.9	1.9	2.7	0.7
Relative standard errors										
Aboriginal and Torres Strait Islander people	%	4.4	6.4	3.9	4.4	5.9	6.5	13.5	4.9	2.2
Other Australians	%	4.2	4.1	3.7	4.5	4.4	4.5	7.8	6.3	2.1
Rate ratio (g)		3.0	2.5	2.5	2.3	2.6	1.9	2.2	2.2	2.6
2014-15 (f)										
Rate of adult daily smokers										
Aboriginal and Torres Strait Islander people	%	39.6	39.8	40.5	43.1	38.2	37.6	35.7	43.9	40.6
95 per cent confidence interval	±	4.4	4.5	4.7	5.0	5.7	4.5	7.1	5.2	2.1
Other Australians	%	13.9	14.0	16.0	14.0	13.3	19.0	11.8	18.4	14.5

Table EA.8 **Proportion of adults who are daily smokers, by Indigenous status (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (e)	*Aust*
95 per cent confidence interval	±	1.7	1.9	1.8	1.7	1.9	2.4	1.7	3.7	0.8
Relative standard errors										
Aboriginal and Torres Strait Islander people	%	5.7	5.8	5.9	5.9	7.6	6.2	10.2	6.0	2.6
Other Australians	%	6.3	6.9	5.7	6.3	7.3	6.4	7.5	10.2	3.0
Rate ratio (g)		2.8	2.8	2.5	3.1	2.9	2.0	3.0	2.4	2.8

Estimates with RSEs between 25 per cent and 50 per cent should be used with caution. Estimates with RSEs greater than 50 per cent are considered too unreliable for general use.

(a) Adults are defined as persons aged 18 years and over.

(b) Rates are age standardised by State and Territory to the 2001 Australian standard population (5 year age ranges from 18 years).

(c) Data are based on the full sample of the Australian Aboriginal and Torres Strait Islander Health Survey.

(d) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. nos. 4727.0, 4714.0 and 4364.0).

(e) Data for non-indigenous people for the NT should be interpreted with caution as the Australian Health Survey and the National Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 29 per cent of the estimated resident population of the NT.

(f) Data for 2011–13 and 2014-15 for other Australians for the NT are not comparable to data for previous years due to the increased sample size.

(g) Rate ratio is computed by dividing the age standardised rate for Aboriginal and Torres Strait Islander people by the age standardised rate for other Australians.

Source: ABS (unpublished) *Australian Aboriginal and Torres Strait Islander Health Survey 2012-13* (Core component) Cat. no. 4727.0; ABS (unpublished) *National Aboriginal and Torres Strait Islander Social Survey, 2008*, Cat. no. 4714.0; ABS (unpublished) *Australian Health Survey 2011–13* (2011-12 Core component), Cat. no. 4364.0; ABS (unpublished) *National Health Survey, 2007-08*, Cat. no. 4364.0.

Table EA.9 **Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by remoteness (a), (b), (c), (d)**

	Unit	*NSW*	*Vic* (e)	*Qld*	*WA*	*SA*	*Tas* (e)	*ACT* (e)	*NT* (e), (f)	*Aust*
Remoteness of residence										
2007-08										
Major cities	%	18.9	17.7	20.3	22.9	18.6	..	21.3	..	19.2
95 per cent confidence interval	±	1.8	1.9	2.2	2.7	2.1	..	2.1	..	0.8
Inner regional	%	25.5	23.5	23.3	28.4	20.9	21.3	np	..	24.3
95 per cent confidence interval	±	4.0	5.0	4.2	6.5	10.9	3.6	np	..	2.5
Outer regional	%	np	21.7	25.6	40.8	12.2	np	..	23.8	24.2
95 per cent confidence interval	±	np	14.3	4.0	11.2	5.5	np	..	16.8	2.9
Remote	%	np	np	39.5	23.8	24.6	np	..	52.1	32.1
95 per cent confidence interval	±	np	np	24.8	20.3	12.8	np	..	30.9	11.1
Very remote (g)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
Total	**%**	**20.4**	**18.8**	**22.3**	**25.3**	**18.5**	**21.5**	**21.3**	**33.4**	**20.9**
95 per cent confidence interval	**±**	**1.7**	**1.8**	**2.0**	**2.5**	**1.8**	**2.9**	**2.1**	**14.6**	**0.9**

Table EA.9 **Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by remoteness (a), (b), (c), (d)**

	Unit	*NSW*	*Vic* (e)	*Qld*	*WA*	*SA*	*Tas* (e)	*ACT* (e)	*NT* (e), (f)	*Aust*
Adults at risk	'000	1 063.2	749.3	694.6	395.4	220.0	77.8	55.2	38.5	3 294.0
2011-12 (h)										
Major cities	%	17.5	16.7	20.5	22.9	17.6	..	21.0	..	18.5
95 per cent confidence interval	±	1.9	1.9	2.1	2.1	2.0	..	2.4	..	1.0
Inner regional	%	20.4	19.7	17.8	33.7	18.8	21.7	np	..	20.6
95 per cent confidence interval	±	5.2	3.9	4.3	7.0	6.7	2.7	np	..	2.4
Outer regional	%	np	17.0	np	28.5	20.7	23.6	..	24.5	22.1
95 per cent confidence interval	±	np	9.8	np	8.8	5.9	5.2	..	4.2	2.9
Remote	%	np	np	np	36.7	27.3	37.6	..	22.9	31.4
95 per cent confidence interval	±	np	np	np	12.7	32.6	50.6	..	8.1	7.4
Very remote (g)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
Total	**%**	**18.5**	**17.5**	**19.9**	**25.3**	**18.2**	**22.8**	**21.0**	**24.2**	**19.4**
95 per cent confidence interval	**±**	**1.5**	**1.6**	**1.8**	**2.1**	**1.8**	**2.4**	**2.4**	**3.5**	**0.8**

Table EA.9 **Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by remoteness (a), (b), (c), (d)**

	Unit	*NSW*	*Vic* (e)	*Qld*	*WA*	*SA*	*Tas* (e)	*ACT* (e)	*NT* (e), (f)	*Aust*
Adults at risk	'000	1 027.5	760.4	682.8	443.1	228.3	86.9	58.5	30.7	3 318.2
2014-15 (h)										
Major cities	%	16.1	14.4	17.7	19.7	16.4	..	15.9	..	16.3
95 per cent confidence interval	±	2.1	1.8	2.1	2.6	2.2	..	2.2	..	1.1
Inner regional	%	20.4	17.9	15.7	22.0	16.2	19.3	np	..	18.3
95 per cent confidence interval	±	5.3	4.6	4.2	12.4	7.3	2.8	np	..	1.9
Outer regional	%	np	np	np	np	np	np	..	np	24.2
95 per cent confidence interval	±	np	np	np	np	np	np	..	np	3.9
Remote	%	np	np	np	np	np	np	..	np	22.2
95 per cent confidence interval	±	np	np	np	np	np	np	..	np	7.5
Very remote (g)	%	na	..	na	na	na	na	..	na	na
95 per cent confidence interval	±	na	..	na	na	na	na	..	na	na
Combined outer regional, remote and very remote	%	32.1	23.0	20.9	26.9	18.9	19.5	..	19.2	23.7

Table EA.9 **Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by remoteness (a), (b), (c), (d)**

	Unit	*NSW*	*Vic* (e)	*Qld*	*WA*	*SA*	*Tas* (e)	*ACT* (e)	*NT* (e), (f)	*Aust*
95 per cent confidence interval	±	10.6	7.6	6.7	10.4	6.9	4.8	..	3.8	3.6
Total	**%**	**17.6**	**15.6**	**17.9**	**20.7**	**16.8**	**19.2**	**15.9**	**19.2**	**17.4**
95 per cent confidence interval	**±**	**1.9**	**1.9**	**1.7**	**2.5**	**2.1**	**2.2**	**2.2**	**3.8**	**0.9**
Adults at risk	'000	1 010.2	705.5	630.0	392.3	216.3	72.7	45.9	25.6	3 092.1
Relative standard error										
2007-08										
Major cities	%	4.8	5.6	5.5	5.9	5.6	..	5.0	..	2.1
Inner regional	%	8.0	10.9	9.3	11.7	26.7	8.7	np	..	5.3
Outer regional	%	np	33.5	8.0	14.0	22.8	np	..	35.9	6.0
Remote	%	np	np	32.1	43.5	26.5	np	..	30.2	17.7
Very remote (g)	%	na	..	na	na	na	na	..	na	na
Total	%	**4.2**	**5.0**	**4.5**	**5.0**	**5.1**	**7.0**	**5.0**	**22.3**	**2.1**
2011-12 (h)										
Major cities	%	5.4	5.8	5.3	4.6	5.7	..	5.8	..	2.9
Inner regional	%	13.0	10.1	12.2	10.6	18.1	6.4	np	..	5.9
Outer regional	%	np	29.3	np	15.7	14.5	11.3	..	8.8	6.8
Remote	%	np	np	np	17.6	60.8	68.7	..	18.1	12.1
Very remote (g)	%	na	..	na	na	na	na	..	na	na
Total	%	**4.2**	**4.7**	**4.7**	**4.3**	**4.9**	**5.5**	**5.8**	**7.4**	**2.2**
2014-15 (h)										

Table EA.9 **Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by remoteness (a), (b), (c), (d)**

	Unit	*NSW*	*Vic* (e)	*Qld*	*WA*	*SA*	*Tas* (e)	*ACT* (e)	*NT* (e), (f)	*Aust*
Major cities	%	6.7	6.5	6.2	6.9	6.8	..	7.1	..	3.3
Inner regional	%	13.3	13.1	13.6	28.8	23.0	7.4	np	..	5.2
Outer regional	%	np	np	np	np	np	np	..	np	8.3
Remote	%	np	np	np	np	np	np	..	np	17.3
Very remote (g)	%	na	..	na	na	na	na	..	na	na
Combined outer regional, remote and very remote		16.8	16.7	16.4	19.8	18.7	12.6	..	10.0	7.7
Total	%	**5.4**	**6.2**	**4.8**	**6.1**	**6.3**	**5.8**	**7.1**	**10.0**	**2.6**

Estimates with RSEs between 25 per cent and 50 per cent should be used with caution. Estimates with RSEs greater than 50 per cent are considered too unreliable for general use.

(a) Rates are based on the 2009 NHMRC guidelines and can be used for the purposes of comparisons over time.

(b) Rates are age standardised by State and Territory, to the 2001 Australian standard population (5 year ranges from 18 years).

(c) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 4364.0).

(d) Individuals are defined as at risk of long term harm if they consume more than 2 standard drinks a day (2009 NHMRC alcohol guidelines). Data based on consumption in week before the interview — does not take into account whether consumption in that week was more, less than or the same as usual.

(e) There are no very remote areas in Victoria; no major cities in Tasmania; no outer regional or remote areas in the ACT; and no inner regional or major cities in the NT.

(f) Data for the NT should be interpreted with caution as the Australian Health Survey and the National Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 29 per cent of the estimated resident population of the NT.

(g) Data were not collected for Very remote areas.

(h) Data for 2011-12 and 2014-15 for the NT are not comparable to data for previous years due to the increased sample size.

na Not available. .. Not applicable. **np** Not published.

Source: ABS (unpublished) *National Health Survey 2014-15*, Cat. no. 4364.0; ABS (unpublished) *Australian Health Survey 2011–13* (2011-12 National Health Survey (NHS) component), Cat. no. 4364.0; ABS (unpublished) *National Health Survey 2007-08,* Cat. no. 4364.0.

Table EA.10 **Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by Indigenous status (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (e)	*Aust*
2004-05 (f)										
Number of adults at risk										
Aboriginal and Torres Strait Islander people	'000	16.6	3.8	17.4	8.6	3.4	1.9	0.5	3.8	56.0
Other Australians	'000	1 085.9	764.0	623.8	349.1	257.5	65.8	52.3	28.2	3 226.6
Rate of adults at risk of long term harm from alcohol										
Aboriginal and Torres Strait Islander people	%	21.4	22.1	23.0	20.4	21.2	19.1	21.0	10.3	20.3
95 per cent confidence interval	±	3.9	7.7	4.4	3.9	7.1	4.3	7.2	3.1	1.9
Other Australians	%	21.9	20.4	22.4	24.6	23.0	19.2	21.6	29.6	21.9
95 per cent confidence interval	±	1.3	1.6	1.5	2.3	1.6	2.0	2.5	11.7	0.7
Relative standard errors										
Aboriginal and Torres Strait Islander people	%	9.3	17.8	9.7	9.8	17.0	11.4	17.4	15.5	4.9
Other Australians	%	3.1	3.9	3.4	4.8	3.6	5.2	5.8	20.1	1.6
Rate ratio (h)		1.0	1.1	1.0	0.8	0.9	1.0	1.0	0.3	0.9
2011–13 (g)										
Number of adults at risk										
Aboriginal and Torres Strait Islander people	'000	22.1	5.6	19.5	11.3	4.7	2.6	0.6	5.8	72.3
Other Australians	'000	1 003.9	757.3	663.8	434.2	227.1	83.8	57.6	28.3	3 256.0
Rate of adults at risk of long term harm from alcohol										
Aboriginal and Torres Strait Islander people	%	19.7	19.9	18.2	23.0	22.1	18.1	15.5	14.2	19.2
95 per cent confidence interval	±	3.3	4.1	3.7	3.8	5.1	4.2	6.2	4.0	1.6
Other Australians	%	18.4	17.7	20.1	25.4	18.5	23.0	20.9	24.9	19.5
95 per cent confidence interval	±	1.5	1.7	1.9	2.1	1.8	2.4	2.3	3.9	0.9
Relative standard errors										

Table EA.10 Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by Indigenous status (a), (b), (c), (d)

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (e)	*Aust*
Aboriginal and Torres Strait Islander people	%	8.4	10.5	10.4	8.3	11.7	11.9	20.3	14.5	4.3
Other Australians	%	4.3	4.8	4.8	4.3	4.9	5.4	5.7	7.9	2.3
Rate ratio (h)		1.1	1.1	0.9	0.9	1.2	0.8	0.7	0.6	1.0
2014–15 (g)										
Number of adults at risk										
Aboriginal and Torres Strait Islander people	'000	22.2	3.3	18.0	9.3	2.4	2.4	0.5	6.1	64.1
Other Australians	'000	na	na	na	na	na	na	na	na	na
Rate of adults at risk of long term harm from alcohol										
Aboriginal and Torres Strait Islander people	%	17.8	11.4	16.2	17.0	10.6	15.9	11.4	13.3	15.8
95 per cent confidence interval	±	3.3	3.0	3.4	4.3	4.0	3.5	5.3	3.6	1.5
Other Australians	%	na	na	na	na	na	na	na	na	na
95 per cent confidence interval	±	na	na	na	na	na	na	na	na	na
Relative standard errors										
Aboriginal and Torres Strait Islander people	%	9.4	13.2	10.8	12.1	19.0	11.2	20.4	12.6	4.9
Other Australians	%	na	na	na	na	na	na	na	na	na
Rate ratio (h)		na	na	na	na	na	na	na	na	na

Estimates with RSEs between 25 per cent and 50 per cent should be used with caution. Estimates with RSEs greater than 50 per cent are considered too unreliable for general use.

(a) Individuals are defined as at risk of long term harm if they consume more than 2 standard drinks a day (2009 NHMRC alcohol guidelines). Data based on consumption in week before the interview — does not take into account whether consumption in that week was more, less than or the same as usual.

(b) Adults are defined as people aged 18 years or over.

(c) Rates are age standardised by State and Territory to the 2001 Australian standard population.

(d) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. nos. 4364.0, 4727.0 and 4715.0).

(e) Data for non-Indigenous people for the NT should be interpreted with caution as the Australian Health Survey and the National Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 29 per cent of the estimated resident population of the NT.

Table EA.10 **Proportion of adults at risk of long term harm from alcohol (2009 NHMRC guidelines), by Indigenous status (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (e)	*Aust*

(f) Data for 2004-05 are based on the 2009 NHMRC alcohol guidelines and differ from previously reported data that were based on 2001 NHMRC guidelines.

(g) Data for 2011–13 and onwards for other Australians for the NT are not comparable to data for previous years due to the increased sample size.

(h) Rate ratio is computed by dividing the age standardised rate for Aboriginal and Torres Strait Islander people by the age standardised rate for other Australians.

na Not available.

Source : ABS (unpublished) *National Health Survey 2014-15* , Cat. no. 4364.0; ABS (unpublished) *Australian Aboriginal and Torres Strait Islander Health Survey 2012-13* (National Aboriginal and Torres Strait Islander Health Survey component), Cat. no. 4727.0; ABS (unpublished) *Australian Health Survey 2011–13* (2011-12 Core component), Cat. no. 4364.0; ABS (unpublished) *National Aboriginal and Torres Strait Islander Health Survey, 2004-05* , Cat. no. 4715.0; ABS (unpublished) *National Health Survey, 2004-05,* Cat. no. 4364.0.

Table EA.11 **Incidence of selected cancers (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Incidence of selected cancers					*Age standardised rate per 100 000 population*					
2007										
Bowel cancer (e)	rate	63.8	64.3	66.6	57.3	65.7	81.8	60.6	69.7	64.5
Lung cancer (e)	rate	43.6	45.6	46.5	42.9	41.1	49.8	38.0	56.0	44.6
Melanoma (e)	rate	48.3	39.6	64.7	46.2	34.6	42.0	32.7	25.4	47.5
Female breast cancer (f)	rate	111.0	112.3	113.2	102.5	117.4	97.4	115.1	82.8	110.9
Cervical cancer (f)	rate	7.7	6.0	6.9	7.8	5.0	7.9	4.4	10.4	6.9
2008										
Bowel cancer (e)	rate	60.6	62.1	66.4	58.1	66.1	77.4	63.2	49.3	62.7
Lung cancer (e)	rate	43.4	42.6	47.9	44.3	44.0	47.9	35.4	79.2	44.4
Melanoma (e)	rate	48.1	39.7	68.9	49.5	39.9	49.1	44.6	35.3	49.3
Female breast cancer (f)	rate	114.0	116.7	123.1	118.8	119.0	103.1	117.6	97.4	116.9
Cervical cancer (f)	rate	6.7	6.6	7.1	8.7	8.1	6.9	3.8	14.1	7.1
2009										
Bowel cancer (e)	rate	59.5	60.8	63.6	58.4	60.6	71.6	62.9	54.7	60.9
Lung cancer (e)	rate	43.6	41.5	47.2	45.9	43.6	39.5	31.3	57.7	43.8
Melanoma (e)	rate	48.2	41.4	69.3	46.0	36.3	47.7	34.9	37.0	49.1
Female breast cancer (f)	rate	116.7	109.4	120.8	113.5	112.7	117.0	149.0	83.0	115.2
Cervical cancer (f)	rate	6.8	5.7	7.6	8.4	5.1	6.0	6.5	14.1	6.7
2010										
Bowel cancer (e)	rate	62.3	62.2	63.8	60.2	58.2	80.2	59.1	52.6	62.4
Lung cancer (e)	rate	44.1	40.1	47.5	45.4	41.9	48.1	33.4	53.1	43.7
Melanoma (e)	rate	49.4	38.6	68.7	44.7	36.5	49.2	37.8	39.8	48.7
Female breast cancer (f)	rate	116.0	114.3	123.3	121.7	118.4	107.5	143.6	93.3	117.8

Table EA.11 **Incidence of selected cancers (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Cervical cancer (f)	rate	7.0	6.3	8.2	7.6	7.8	7.3	3.9	7.8	7.1
2011										
Bowel cancer (e)	rate	60.9	61.0	63.1	60.5	61.0	72.9	56.9	47.5	61.5
Lung cancer (e)	rate	43.5	41.4	45.3	43.4	38.3	48.9	29.2	63.5	42.9
Melanoma (e)	rate	49.8	34.3	70.7	46.7	36.1	45.5	36.6	32.0	48.2
Female breast cancer (f)	rate	115.4	119.9	119.7	113.9	109.9	118.5	134.1	104.3	116.9
Cervical cancer (f)	rate	7.2	6.4	7.6	6.0	7.2	9.2	4.0	12.4	7.0
2012										
Bowel cancer (e)	rate	59.1	57.4	60.4	52.1	57.0	66.9	66.0	51.0	58.4
Lung cancer (e)	rate	44.0	43.4	45.1	43.2	40.6	49.7	28.6	52.8	43.7
Melanoma (e)	rate	51.0	36.9	72.0	46.2	35.9	42.7	40.3	43.2	49.5
Female breast cancer (f)	rate	118.4	117.0	125.8	125.8	121.0	122.2	131.6	134.6	120.7
Cervical cancer (f)	rate	6.8	7.2	9.0	8.0	5.4	8.3	5.3	7.1	7.4
2013										
Bowel cancer (e)	rate	55.6	57.0	59.1	50.1	59.0	65.0	51.8	49.1	56.5
Lung cancer (e)	rate	43.0	41.7	46.0	40.8	39.8	47.9	32.4	44.7	42.8
Melanoma (e)	rate	51.5	36.5	75.4	51.8	37.0	44.0	42.3	37.1	50.9
Female breast cancer (f)	rate	127.6	125.4	129.6	119.9	129.5	125.9	133.2	123.8	126.8
Cervical cancer (f)	rate	6.8	5.6	8.1	6.2	7.3	8.5	5.5	17.7	6.8
2014 (g)										
Bowel cancer (e)	rate	55.9	55.7	60.3	50.0	60.1	57.2	47.6	57.5	56.4
Lung cancer (e)	rate	42.0	42.1	45.0	43.9	39.8	49.2	33.6	63.4	42.8
Melanoma (e)	rate	51.2	37.8	73.5	50.2	40.1	51.0	42.6	45.2	51.0
Female breast cancer (f)	rate	129.6	125.6	127.0	131.5	130.6	129.6	122.7	101.6	128.0

Table EA.11 **Incidence of selected cancers (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Cervical cancer (f)	rate	6.9	5.9	8.7	9.0	7.2	8.8	8.4	5.0	7.3
2015										
Bowel cancer (e)	rate	na	55.8	60.4	51.7	56.7	70.1	49.7	50.9	57.0
Lung cancer (e)	rate	na	39.2	46.4	43.3	40.4	52.7	28.3	44.3	42.4
Melanoma (e)	rate	na	40.4	72.2	59.5	36.6	46.7	44.3	57.3	52.5
Female breast cancer (f)	rate	na	125.4	122.9	125.1	124.9	116.9	133.6	100.6	124.2
Cervical cancer (f)	rate	na	5.7	8.4	6.2	5.5	11.1	8.5	9.0	6.8
2016										
Bowel cancer (e)	rate	na	55.1	na	na	na	na	na	na	na
Lung cancer (e)	rate	na	41.2	na	na	na	na	na	na	na
Melanoma (e)	rate	na	41.1	na	na	na	na	na	na	na
Female breast cancer (f)	rate	na	124.1	na	na	na	na	na	na	na
Cervical cancer (f)	rate	na	6.4	na	na	na	na	na	na	na
Number of new cases						*Number*				
2007										
Bowel cancer	no.	4 785	3 584	2 774	1 200	1 240	481	178	80	14 322
Lung cancer	no.	3 279	2 548	1 925	887	777	288	110	70	9 884
Melanoma	no.	3 542	2 163	2 698	977	619	237	104	50	10 390
Female breast cancer	no.	4 203	3 199	2 449	1 127	1 108	286	200	61	12 633
Cervical cancer	no.	278	164	145	82	40	21	8	10	748
2008										
Bowel cancer	no.	4 656	3 545	2 844	1 254	1 273	467	191	61	14 291
Lung cancer	no.	3 319	2 441	2 053	948	855	289	107	89	10 101
Melanoma	no.	3 617	2 216	2 951	1 080	734	276	144	50	11 068

Table EA.11 **Incidence of selected cancers (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Female breast cancer	no.	4 392	3 413	2 739	1 343	1 121	306	207	75	13 596
Cervical cancer	no.	248	182	149	96	66	17	7	12	777
2009										
Bowel cancer	no.	4 668	3 565	2 780	1 294	1 202	440	195	70	14 214
Lung cancer	no.	3 438	2 441	2 086	1 008	860	247	96	65	10 241
Melanoma	no.	3 695	2 376	3 041	1 036	671	274	117	54	11 264
Female breast cancer	no.	4 609	3 266	2 766	1 324	1 086	355	265	71	13 742
Cervical cancer	no.	251	164	165	93	45	15	12	11	756
2010										
Bowel cancer	no.	5 024	3 756	2 888	1 384	1 171	504	190	81	14 998
Lung cancer	no.	3 557	2 430	2 166	1 027	846	303	105	71	10 505
Melanoma	no.	3 876	2 267	3 112	1 036	694	291	128	64	11 468
Female breast cancer	no.	4 684	3 485	2 891	1 466	1 159	332	260	89	14 366
Cervical cancer	no.	263	181	183	90	68	19	7	9	820
2011										
Bowel cancer	no.	4 999	3 766	2 931	1 441	1 251	466	188	73	15 115
Lung cancer	no.	3 625	2 569	2 132	1 027	786	316	95	80	10 630
Melanoma	no.	4 018	2 073	3 290	1 119	704	273	125	52	11 654
Female breast cancer	no.	4 732	3 730	2 886	1 412	1 101	376	250	82	14 569
Cervical cancer	no.	271	186	172	70	59	22	7	14	801
2012										
Bowel cancer	no.	5 002	3 643	2 916	1 291	1 184	447	227	83	14 793
Lung cancer	no.	3 747	2 756	2 182	1 066	859	328	96	80	11 114
Melanoma	no.	4 192	2 277	3 436	1 147	710	266	145	77	12 250

Table EA.11 **Incidence of selected cancers (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Female breast cancer	no.	4 938	3 705	3 106	1 618	1 225	390	247	108	15 337
Cervical cancer	no.	256	212	207	97	47	23	10	8	860
2013										
Bowel cancer	no.	4 799	3 715	2 909	1 272	1 246	431	185	68	14 625
Lung cancer	no.	3 755	2 747	2 306	1 032	852	328	116	72	11 208
Melanoma	no.	4 325	2 324	3 689	1 319	746	275	156	66	12 900
Female breast cancer	no.	5 404	4 076	3 275	1 576	1 323	409	258	110	16 431
Cervical cancer	no.	268	169	188	77	61	22	10	14	809
2014 (g)										
Bowel cancer	no.	4 912	3 728	3 070	1 301	1 304	389	177	92	14 973
Lung cancer	no.	3 736	2 849	2 337	1 141	862	345	121	97	11 488
Melanoma	no.	4 363	2 464	3 695	1 305	818	332	161	77	13 215
Female breast cancer	no.	5 585	4 210	3 315	1 736	1 361	428	245	95	16 975
Cervical cancer	no.	276	180	207	115	65	23	17	6	889
2015										
Bowel cancer	no.	na	3 846	3 154	1 367	1 229	480	188	77	10 341
Lung cancer	no.	na	2 723	2 462	1 147	908	371	109	70	7 790
Melanoma	no.	na	2 696	3 715	1 570	766	303	172	102	9 324
Female breast cancer	no.	na	4 306	3 271	1 687	1 333	388	267	92	11 344
Cervical cancer	no.	na	180	200	80	48	29	18	9	564
2016										
Bowel cancer	no.	na	3 861	na	na	na	na	na	na	na
Lung cancer	no.	na	2 946	na	na	na	na	na	na	na
Melanoma	no.	na	2 818	na	na	na	na	na	na	na

Table EA.11 **Incidence of selected cancers (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Female breast cancer	no.	na	4 324	na	na	na	na	na	na	na
Cervical cancer	no.	na	208	na	na	na	na	na	na	na

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Due to the low incidence of some cancers in some jurisdictions, rates may fluctuate considerably from year to year. Comparisons across time and between jurisdictions should be made with caution.

(c) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

(d) Data for 2015 are not available from NSW and data for 2016 are only available for Victoria.

(e) Age-standardised to the 2001 Australian standard population, using five-year age groups to 84 years, and expressed per 100 000 persons.

(f) Age-standardised to the 2001 Australian standard population, using five-year age groups to 84 years, and expressed per 100 000 females.

(g) The ACT data for 2015 do not contain death-certificate-only (DCO) cases. Based on ACT data for recent years, in 2015 the DCO cases will amount to approximately 2.0 per cent of the total number of ACT cases.

na Not available.

Source : AIHW (unpublished) Australian Cancer Database, various years; ABS various years, *Australian Demographic Statistics* , Cat. no. 3101.0.

Table EA.12 **Incidence of selected cancers, by remoteness area (a), (b), (d), (d)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total excluding NSW*	*Total excluding NSW*
	Age standardised rate per 100 000 population									*no.*
2015										
Bowel cancer (e)										
Major cities	na	53.3	58.8	51.1	55.0	..	49.7	..	54.4	6 554
Inner regional	na	60.9	67.3	50.2	59.3	67.6	np	..	63.0	2 347
Outer regional	na	67.1	57.2	61.4	63.0	74.3	..	56.3	62.4	1 229
Remote	na	64.3	50.6	55.2	50.6	78.9	..	55.1	54.6	145
Very remote	na	..	63.8	35.1	49.4	np	..	np	46.8	62
Lung cancer (e)										
Major cities	na	38.1	44.6	43.5	38.7	..	28.4	..	40.5	4 900
Inner regional	na	41.6	48.2	41.0	34.7	49.0	–	..	44.1	1 704
Outer regional	na	41.5	48.4	46.8	52.6	57.4	..	45.0	48.3	986
Remote	na	45.5	49.7	35.5	36.8	72.9	..	44.5	43.4	124
Very remote	na	..	53.0	44.0	71.6	np	..	39.2	53.9	67
Melanoma (e)										
Major cities	na	36.6	72.0	57.1	35.3	..	44.1	..	49.5	5 876
Inner regional	na	54.1	76.6	72.4	38.8	47.9	np	..	61.1	2 132
Outer regional	na	43.4	70.4	61.4	39.4	44.7	..	72.8	57.3	1 096
Remote	na	30.7	58.8	74.6	39.9	34.1	..	38.1	55.6	157
Very remote	na	..	49.4	35.2	44.5	np	..	np	40.0	56
Female breast cancer (f)										
Major cities	na	125.1	122.7	125.8	125.0	..	134.4	..	125.0	7 681

Table EA.12 **Incidence of selected cancers, by remoteness area (a), (b), (d), (d)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total excluding NSW*	*Total excluding NSW*
	Age standardised rate per 100 000 population									*no.*
Inner regional	na	128.9	123.4	130.3	123.0	121.5	–	..	125.8	2 274
Outer regional	na	113.1	121.3	121.1	137.1	112.4	..	105.0	120.3	1 166
Remote	na	137.8	103.0	106.0	71.4	np	..	114.4	99.0	137
Very remote	na	..	144.8	108.2	137.7	np	..	58.5	115.1	77
Cervical cancer (f)										
Major cities	na	5.3	8.1	6.0	5.9	..	8.6	..	6.3	365
Inner regional	na	7.2	7.9	10.0	4.5	12.0	–	..	8.0	119
Outer regional	na	6.3	9.9	2.6	4.9	8.0	..	9.5	7.8	63
Remote	na	–	9.7	4.5	5.4	np	..	np	8.0	10
Very remote	na	..	14.9	8.6	–	–	..	–	7.6	6
2016										
Bowel cancer (e)										
Major cities	na	52.8	na	na	na	na	na	na	na	na
Inner regional	na	61.4	na	na	na	na	na	na	na	na
Outer regional	na	56.0	na	na	na	na	na	na	na	na
Remote	na	77.6	na	na	na	na	na	na	na	na
Very remote	na	..	na	na	na	na	na	na	na	na
Lung cancer (e)										
Major cities	na	39.5	na	na	na	na	na	na	na	na
Inner regional	na	45.6	na	na	na	na	na	na	na	na
Outer regional	na	43.6	na	na	na	na	na	na	na	na

Table EA.12 **Incidence of selected cancers, by remoteness area (a), (b), (d), (d)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total excluding NSW*	*Total excluding NSW*
	Age standardised rate per 100 000 population									*no.*
Remote	na	77.1	na	na	na	na	na	na	na	na
Very remote	na	..	na	na	na	na	na	na	na	na
Melanoma (e)										
Major cities	na	36.8	na	na	na	na	na	na	na	na
Inner regional	na	53.9	na	na	na	na	na	na	na	na
Outer regional	na	49.9	na	na	na	na	na	na	na	na
Remote	na	41.3	na	na	na	na	na	na	na	na
Very remote	na	..	na	na	na	na	na	na	na	na
Female breast cancer (f)										
Major cities	na	125.0	na	na	na	na	na	na	na	na
Inner regional	na	118.6	na	na	na	na	na	na	na	na
Outer regional	na	126.0	na	na	na	na	na	na	na	na
Remote	na	117.2	na	na	na	na	na	na	na	na
Very remote	na	..	na	na	na	na	na	na	na	na
Cervical cancer (f)										
Major cities	na	6.5	na	na	na	na	na	na	na	na
Inner regional	na	6.9	na	na	na	na	na	na	na	na
Outer regional	na	6.6	na	na	na	na	na	na	na	na
Remote	na	–	na	na	na	na	na	na	na	na
Very remote	na	..	na	na	na	na	na	na	na	na

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

Table EA.12 **Incidence of selected cancers, by remoteness area (a), (b), (d), (d)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total excluding NSW*	*Total excluding NSW*
	Age standardised rate per 100 000 population									*no.*

(b) Remoteness areas are classified according to the Australian Statistical Geography Standard (ASGS) Remoteness Area. Disaggregation by remoteness area is based on Statistical Areas Level 2 of usual residence at time of diagnosis. Not all remoteness areas are represented in each State or Territory.

(c) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

(d) Data for 2015 are not available from NSW and data for 2016 are only available for Victoria.

(e) Age-standardised to the 2001 Australian standard population, using five-year age groups to 84 years, and expressed per 100 000 persons.

(f) Age-standardised to the 2001 Australian standard population, using five-year age groups to 84 years, and expressed per 100 000 females.

na Not available. .. Not applicable. – Nil or rounded to zero. **np** Not published.

Source: AIHW unpublished, Australian Cancer Database 2015; ABS unpublished, correspondences from Statistical Area Level 2 to Remoteness Area; ABS unpublished, Estimated Resident Population, 30 June 2015.

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)
2007										
Bowel cancer (i)										
Aboriginal and Torres Strait Islander people	43.3	np	46.8	33.7	np	np	np	38.1	42.4	78
Other Australians (j)	64.3	np	66.8	57.4	np	np	np	75.5	64.1	8 763
Lung cancer (i)										
Aboriginal and Torres Strait Islander people	83.1	np	87.0	92.4	np	np	np	44.7	80.8	146
Other Australians (j)	43.4	np	45.8	42.1	np	np	np	60.8	44.0	6 021
Melanoma of the skin (i)										
Aboriginal and Torres Strait Islander people	14.1	np	9.1	np	np	np	np	np	10.9	19
Other Australians (j)	49.0	np	65.9	47.0	np	np	np	32.6	53.8	7 255
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	77.0	np	66.2	115.2	np	np	np	54.7	77.0	90
Other Australians (j)	111.5	np	114.2	103.1	np	np	np	87.8	110.7	7 753
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	15.1	np	11.3	23.3	np	np	np	np	15.7	25
Other Australians (j)	7.5	np	6.8	7.5	np	np	np	8.9	7.3	490
2008										
Bowel cancer (i)										
Aboriginal and Torres Strait Islander people	53.5	np	34.8	27.7	np	np	np	np	39.2	77

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)
Other Australians (j)	61.0	np	66.7	58.5	np	np	np	58.4	62.2	8 742
Lung cancer (i)										
Aboriginal and Torres Strait Islander people	62.8	np	46.0	62.8	np	np	np	130.6	66.0	131
Other Australians (j)	43.1	np	47.7	43.8	np	np	np	57.9	44.7	6 288
Melanoma of the skin (i)										
Aboriginal and Torres Strait Islander people	6.8	np	np	24.6	np	np	np	–	7.9	15
Other Australians (j)	48.9	np	70.2	50.2	np	np	np	40.7	55.6	7 687
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	84.3	np	79.5	93.8	np	np	np	66.2	81.6	104
Other Australians (j)	114.1	np	124.4	119.9	np	np	np	113.3	118.0	8 451
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	8.1	np	17.1	26.5	np	np	np	np	14.6	26
Other Australians (j)	6.7	np	7.0	8.3	np	np	np	13.7	7.1	480
2009										
Bowel cancer (i)										
Aboriginal and Torres Strait Islander people	35.8	np	59.4	56.8	np	np	np	40.4	46.5	100
Other Australians (j)	59.8	np	63.0	58.1	np	np	np	55.7	60.5	8 714
Lung cancer (i)										
Aboriginal and Torres Strait Islander people	71.4	np	78.2	98.3	np	np	np	68.7	76.9	142

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)
Other Australians (j)	43.3	np	46.6	44.9	np	np	np	47.5	44.5	6 456
Melanoma of the skin (i)										
Aboriginal and Torres Strait Islander people	4.4	np	9.2	15.9	np	np	np	np	8.2	22
Other Australians (j)	48.9	np	70.2	46.5	np	np	np	41.9	55.0	7 809
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	80.5	np	63.2	116.6	np	np	np	107.9	83.4	109
Other Australians (j)	116.9	np	122.2	114.3	np	np	np	74.8	117.9	8 664
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	9.9	np	18.2	np	np	np	np	np	13.6	21
Other Australians (j)	6.8	np	7.3	8.1	np	np	np	11.2	7.2	496
2010										
Bowel cancer (i)										
Aboriginal and Torres Strait Islander people	55.9	104.6	47.4	43.2	np	np	np	13.9	51.5	121
Other Australians (j)	62.5	62.5	63.3	60.1	np	np	np	61.8	62.4	13 012
Lung cancer (i)										
Aboriginal and Torres Strait Islander people	82.6	59.6	89.4	45.2	np	np	np	99.4	79.3	168
Other Australians (j)	43.5	40.2	46.4	44.8	np	np	np	43.7	43.3	9 083
Melanoma of the skin (i)										
Aboriginal and Torres Strait Islander people	12.9	39.6	12.9	7.9	np	np	np	np	13.8	32

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)
Other Australians (j)	49.9	38.7	69.6	45.3	np	np	np	43.3	50.5	10 323
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	89.1	94.3	81.4	101.2	np	np	np	92.8	89.4	143
Other Australians (j)	116.3	114.7	124.2	122.1	np	np	np	97.5	118.1	12 472
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	15.5	22.7	25.3	19.9	np	np	np	np	18.6	34
Other Australians (j)	6.8	6.2	7.9	7.3	np	np	np	8.0	7.0	692
2011										
Bowel cancer (i)										
Aboriginal and Torres Strait Islander people	74.2	56.1	33.8	36.7	np	np	np	15.9	49.6	121
Other Australians (j)	60.5	61.2	62.5	60.5	np	np	np	54.1	61.1	13 089
Lung cancer (i)										
Aboriginal and Torres Strait Islander people	96.8	81.1	66.8	85.3	np	np	np	78.9	83.4	195
Other Australians (j)	42.8	41.3	44.4	42.4	np	np	np	51.8	42.7	9 238
Melanoma of the skin (i)										
Aboriginal and Torres Strait Islander people	12.8	19.8	2.6	4.4	np	np	np	np	8.3	23
Other Australians (j)	50.4	34.5	72.0	47.3	np	np	np	38.3	50.2	10 529
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	82.3	83.0	86.4	138.4	np	np	np	99.8	93.3	145

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)
Other Australians (j)	116.0	120.6	120.3	113.9	np	np	np	96.2	117.8	12 697
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	16.8	9.8	16.1	8.7	np	np	np	np	14.8	30
Other Australians (j)	7.0	6.3	7.4	5.9	np	np	np	11.7	6.8	683
2012										
Bowel cancer (i)										
Aboriginal and Torres Strait Islander people	49.2	65.5	43.7	45.1	np	np	np	31.5	46.6	122
Other Australians (j)	59.0	57.3	59.7	52.0	np	np	np	52.4	57.9	12 813
Lung cancer (i)										
Aboriginal and Torres Strait Islander people	80.7	60.9	84.7	45.8	np	np	np	86.0	76.3	186
Other Australians (j)	43.2	43.0	43.5	42.6	np	np	np	44.4	43.1	9 645
Melanoma of the skin (i)										
Aboriginal and Torres Strait Islander people	14.2	13.4	11.1	10.1	np	np	np	np	11.2	32
Other Australians (j)	51.6	37.1	73.0	46.6	np	np	np	52.0	51.6	11 097
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	116.1	77.2	94.4	96.9	np	np	np	104.4	102.8	167
Other Australians (j)	118.5	117.2	126.8	127.3	np	np	np	133.3	120.9	13 308
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	14.2	10.9	7.4	12.2	np	np	np	np	11.3	25

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)
Other Australians (j)	6.6	7.1	9.1	7.9	np	np	np	5.7	7.5	755
2013										
Bowel cancer (i)										
Aboriginal and Torres Strait Islander people	45.5	46.1	50.4	32.0	np	np	np	16.1	41.7	116
Other Australians (j)	55.4	57.1	58.1	49.6	np	np	np	46.5	55.8	12 647
Lung cancer (i)										
Aboriginal and Torres Strait Islander people	82.8	118.8	95.3	66.1	np	np	np	65.7	85.2	212
Other Australians (j)	42.1	41.3	44.6	39.9	np	np	np	37.6	42.2	9 700
Melanoma of the skin (i)										
Aboriginal and Torres Strait Islander people	20.7	25.7	14.6	5.3	np	np	np	np	15.4	43
Other Australians (j)	52.0	36.6	76.2	52.1	np	np	np	43.5	52.9	11 680
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	118.9	133.0	78.9	94.2	np	np	np	111.6	103.4	168
Other Australians (j)	127.0	125.3	131.1	120.9	np	np	np	127.2	126.7	14 273
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	14.7	19.4	13.2	18.8	np	np	np	42.5	18.3	36
Other Australians (j)	6.8	5.5	7.8	5.9	np	np	np	8.2	6.6	680
2014										
Bowel cancer (i)										

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)
Aboriginal and Torres Strait Islander people	60.4	47.3	78.8	35.2	np	np	np	19.8	57.0	163
Other Australians (j)	55.4	55.7	58.7	49.6	np	np	np	59.1	55.6	12 940
Lung cancer (i)										
Aboriginal and Torres Strait Islander people	94.1	95.9	147.7	52.0	np	np	np	69.8	101.4	283
Other Australians (j)	40.8	41.6	42.7	43.0	np	np	np	59.1	41.8	9 877
Melanoma of the skin (i)										
Aboriginal and Torres Strait Islander people	10.5	11.3	53.5	1.6	np	np	np	np	21.0	63
Other Australians (j)	51.7	38.0	73.6	51.0	np	np	np	54.1	52.5	11 841
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	105.1	133.0	163.4	87.9	np	np	np	61.1	117.3	195
Other Australians (j)	129.4	125.4	126.7	131.3	np	np	np	114.1	127.7	14 746
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	7.3	5.3	31.2	18.8	np	np	np	np	16.6	35
Other Australians (j)	6.9	5.9	8.1	8.8	np	np	np	np	7.1	749
2015										
Bowel cancer (i)										
Aboriginal and Torres Strait Islander people	na	68.6	112.6	36.3	np	np	np	18.4	73.1	132
Other Australians (j)	na	55.6	58.3	51.1	np	np	np	50.6	55.7	8 312
Lung cancer (i)										

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)
Aboriginal and Torres Strait Islander people	na	106.2	135.2	53.3	np	np	np	63.7	100.4	180
Other Australians (j)	na	38.5	43.9	42.1	np	np	np	37.2	41.0	6 222
Melanoma of the skin (i)										
Aboriginal and Torres Strait Islander people	na	30.5	51.9	3.7	np	np	np	np	29.1	55
Other Australians (j)	na	40.3	72.4	60.0	np	np	np	70.1	55.4	8 028
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	na	196.4	172.9	88.0	np	np	np	70.9	139.4	152
Other Australians (j)	na	124.7	122.0	125.7	np	np	np	108.4	123.8	9 204
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	na	5.9	25.2	2.3	np	np	np	np	14.4	22
Other Australians (j)	na	5.7	8.0	6.3	np	np	np	8.7	6.6	447
2016										
Bowel cancer (i)										
Aboriginal and Torres Strait Islander people	na	65.9	na	na	na	na	na	na	na	na
Other Australians (j)	na	54.5	na	na	na	na	na	na	na	na
Lung cancer (i)										
Aboriginal and Torres Strait Islander people	na	81.3	na	na	na	na	na	na	na	na
Other Australians (j)	na	40.6	na	na	na	na	na	na	na	na
Melanoma of the skin (i)										

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)
Aboriginal and Torres Strait Islander people	na	25.3	na	na	na	na	na	na	na	na
Other Australians (j)	na	41.1	na	na	na	na	na	na	na	na
Female breast cancer (k)										
Aboriginal and Torres Strait Islander people	na	163.0	na	na	na	na	na	na	na	na
Other Australians (j)	na	123.3	na	na	na	na	na	na	na	na
Cervical cancer (k)										
Aboriginal and Torres Strait Islander people	na	13.6	na	na	na	na	na	na	na	na
Other Australians (j)	na	6.4	na	na	na	na	na	na	na	na

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) The incidence rate in Aboriginal and Torres Strait Islander people may fluctuate considerably from year to year due to the behaviour of rare events in small populations.

(c) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

(d) Data for 2015 are not available from NSW and data for 2016 are only available for Victoria.

(e) Cancer Institute NSW uses an imputation method to impute missing Indigenous status for reporting purposes. Therefore the rates reported in this Indicator may be lower than those reported in NSW cancer incidence reports.

(f) Cancer Institute NSW has recently identified issues with its Indigenous status variable for incidence from 2008 onwards. Therefore the rates reported here may not be final.

(g) Rates for SA, Tas and ACT are not published because Indigenous identification in these jurisdictions is considered to be of insufficient data quality. Due to Health Department policies in NT, incidence rates based on non-zero counts less than 5 have been suppressed because of statistical unreliability and/or patient confidentiality.

(h) Total only includes jurisdictions for which the quality of Indigenous status data is considered suitable for analysis. For 2007 to 2009 NSW, Qld, WA and NT. For 2010 to 2013 NSW, Vic, Qld, WA and NT. For 2014 and 2015 Vic, Qld, WA and NT.

(i) Age-standardised to the Australian population as at 30 June 2001, using five-year age groups to 64 years, and expressed per 100 000 persons.

Table EA.13 **Incidence of selected cancers, by Indigenous status (per 100 000 population) (a), (b), (c), (d)**

	NSW (e), (f)	*Vic*	*Qld*	*WA*	*SA* (g)	*Tas* (g)	*ACT* (g)	*NT* (g)	*Total* (h)	*Total* (no.) (h)

(j) Other Australians comprises non-Indigenous people and those for whom Indigenous status was not stated.

(k) Age-standardised to the Australian population as at 30 June 2001, using five-year age groups to 64 years, and expressed per 100 000 females.

na Not available. – Nil or rounded to zero. **np** Not published.

Source : AIHW (unpublished) Australian Cancer Database (various years); ABS 2018, *Australian Demographic Statistics, December 2017,* Cat. no. 3101.0.

Table EA.14 **Incidence of heart attacks (acute coronary events), by age and sex, people aged 25 years and over (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	Unit	*25-34*	*35-44*	*45-54*	*55-64*	*65-74*	*75-84*	*85+*	*Aust* (g)
2007									
Males	rate	22.3	149.3	492.7	979.0	1 650.8	2 710.5	4 586.1	729.0
Females	rate	6.4	44.1	148.1	350.7	785.8	1 683.5	3 475.5	358.2
Total	**rate**	**14.4**	**96.3**	**319.0**	**664.7**	**1 209.3**	**2 135.1**	**3 840.9**	**534.2**
2008									
Males	rate	18.8	142.0	457.1	907.6	1 556.2	2 519.7	4 408.5	682.7
Females	rate	5.3	40.9	144.0	314.1	721.0	1 599.7	3 402.9	337.4
Total	**rate**	**12.1**	**91.1**	**299.2**	**610.4**	**1 130.7**	**2 006.3**	**3 737.6**	**501.7**
2009									
Males	rate	18.4	140.4	438.5	882.3	1 399.8	2 334.5	4 104.6	639.9
Females	rate	5.1	46.3	139.6	296.9	641.1	1 442.7	3 102.1	310.2
Total	**rate**	**11.8**	**93.0**	**287.8**	**588.7**	**1 014.1**	**1 838.7**	**3 439.7**	**467.2**
2010									
Males	rate	17.3	131.3	437.3	823.5	1 325.2	2 225.4	3 979.2	611.3
Females	rate	5.2	43.3	139.9	283.6	620.5	1 395.3	2 943.8	299.2
Total	**rate**	**11.3**	**87.0**	**287.3**	**552.3**	**967.9**	**1 765.5**	**3 296.2**	**447.8**
2011									
Males	rate	15.8	125.7	416.8	784.5	1 265.0	2 127.5	3 835.5	584.0
Females	rate	6.4	40.6	134.3	274.1	578.4	1 287.7	2 901.3	283.9
Total	**rate**	**11.1**	**82.8**	**274.2**	**527.8**	**917.9**	**1 663.9**	**3 223.2**	**427.1**
2012									
Males	rate	15.2	132.9	399.8	752.3	1 194.9	2 019.1	3 612.0	558.4
Females	rate	5.3	40.9	135.6	256.5	521.0	1 221.0	2 677.2	266.4
Total	**rate**	**10.3**	**86.6**	**266.5**	**502.3**	**854.1**	**1 581.3**	**3 005.9**	**405.9**
2013									
Males	rate	16.5	117.5	386.1	718.9	1 129.7	1 864.0	3 335.8	524.6
Females	rate	4.3	39.3	125.0	245.9	489.9	1 101.0	2 443.7	246.0
Total	**rate**	**10.5**	**78.1**	**254.1**	**479.4**	**805.9**	**1 448.1**	**2 760.7**	**379.2**
2014									
Males	rate	15.4	109.2	370.4	691.5	1 057.2	1 771.5	3 192.1	498.6
Females	rate	5.1	39.6	119.5	234.7	460.9	1 018.6	2 403.1	234.2
Total	**rate**	**10.3**	**74.2**	**243.3**	**459.6**	**755.3**	**1 363.0**	**2 687.8**	**360.7**
2015									
Males	rate	13.2	107.2	354.5	664.5	1 025.8	1 689.4	3 018.3	478.1
Females	rate	4.4	32.5	111.6	216.2	420.6	931.8	2 197.5	213.9
Total	**rate**	**8.8**	**69.6**	**231.2**	**436.2**	**719.0**	**1 280.1**	**2 498.4**	**340.3**
2016									

Table EA.14 **Incidence of heart attacks (acute coronary events), by age and sex, people aged 25 years and over (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	Unit	*25-34*	*35-44*	*45-54*	*55-64*	*65-74*	*75-84*	*85+*	*Aust* (g)
Males	rate	13.1	99.1	347.8	668.4	997.7	1 646.1	2 948.0	468.2
Females	rate	5.0	33.4	111.2	222.6	422.1	946.5	2 148.0	215.2
Total	**rate**	**9.0**	**66.1**	**227.4**	**440.8**	**705.6**	**1 269.5**	**2 445.1**	**336.2**

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Incidence is not reported for people under 25 years of age as the numbers of heart attacks in this age group is very small.

(c) The estimated number of heart attacks (acute coronary events) in a given year is derived from hospitalisations with principal diagnoses of acute myocardial infarction or unstable angina that did not end in a transfer to another acute hospital or death in hospital, plus deaths from acute coronary heart disease.

(d) Deaths registered in 2014 and earlier are based on the final version of cause of death data; deaths registered in 2015 are based on the revised version and deaths registered in 2016 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the ABS.

(e) Rates are based on ERP at 30 June for the reference year.

(f) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

(g) The Australian total is directly age standardised to the 2001 Australian standard population.

Source : AIHW (unpublished) National Hospital Morbidity Database; AIHW (unpublished) National Mortality Database; ABS (various years) *Australian Demographic Statistics* (various years), Cat. no. 3101.0.

Table EA.15 **Incidence of heart attacks (acute coronary events), people 25 years or over, NSW (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	NSW	*Aust*
2007	496.6	534.2
2008	466.1	501.7
2009	428.2	467.2
2010	409.8	447.8
2011	379.2	427.1
2012	365.7	405.9
2013	353.7	379.2
2014	341.5	360.7
2015	318.7	340.3
2016	317.9	336.2

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Directly age standardised to the 2001 Australian standard population.

(c) Comparisons between jurisdictions should not be made as differences in treatment and referral patterns across states/territories are likely to have an impact on administrative records and affect jurisdictional comparability. These data are estimated from national hospital and deaths data. The accuracy of the estimates rely on the accuracy of coding of principal diagnosis, transfers and deaths in hospital in the National Hospital Morbidity Database (NHMD) and the underlying cause of death in the National Mortality Database (NMD).

(d) Deaths registered in 2014 and earlier are based on the final version of cause of death data; deaths registered in 2015 are based on the revised version and deaths registered in 2016 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the ABS.

(e) Incidence is not reported for people under 25 years of age as the numbers of heart attacks in this age group is very small.

(f) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

Source: AIHW (unpublished) National Hospital Morbidity Database; AIHW (unpublished) National Mortality Database; ABS various years, *Australian Demographic Statistics* (various years), Cat. no. 3101.0.

Table EA.16 **Incidence of heart attacks (acute coronary events), people 25 years or over, Victoria (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	Vic	*Aust*
2007	525.8	534.2
2008	503.8	501.7
2009	469.5	467.2
2010	444.6	447.8
2011	416.7	427.1
2012	380.3	405.9
2013	346.9	379.2
2014	317.3	360.7
2015	307.9	340.3
2016	310.0	336.2

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Directly age standardised to the 2001 Australian standard population.

(c) Comparisons between jurisdictions should not be made as differences in treatment and referral patterns across states/territories are likely to have an impact on administrative records and affect jurisdictional comparability. These data are estimated from national hospital and deaths data. The accuracy of the estimates rely on the accuracy of coding of principal diagnosis, transfers and deaths in hospital in the National Hospital Morbidity Database (NHMD) and the underlying cause of death in the National Mortality Database (NMD).

(d) Deaths registered in 2014 and earlier are based on the final version of cause of death data; deaths registered in 2015 are based on the revised version and deaths registered in 2016 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the ABS.

(e) Incidence is not reported for people under 25 years of age as the numbers of heart attacks in this age group is very small.

(f) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

Source: AIHW (unpublished) National Hospital Morbidity Database; AIHW (unpublished) National Mortality Database; ABS various years, *Australian Demographic Statistics* (various years), Cat. no. 3101.0.

Table EA.17 **Incidence of heart attacks (acute coronary events), people 25 years or over, Queensland (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	Qld	*Aust*
2007	631.6	534.2
2008	599.4	501.7
2009	535.8	467.2
2010	513.3	447.8
2011	515.7	427.1
2012	495.7	405.9
2013	457.3	379.2
2014	430.6	360.7
2015	392.2	340.3
2016	378.5	336.2

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Directly age standardised to the 2001 Australian standard population.

(c) Comparisons between jurisdictions should not be made as differences in treatment and referral patterns across states/territories are likely to have an impact on administrative records and affect jurisdictional comparability. These data are estimated from national hospital and deaths data. The accuracy of the estimates rely on the accuracy of coding of principal diagnosis, transfers and deaths in hospital in the National Hospital Morbidity Database (NHMD) and the underlying cause of death in the National Mortality Database (NMD).

(d) Deaths registered in 2014 and earlier are based on the final version of cause of death data; deaths registered in 2015 are based on the revised version and deaths registered in 2016 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the ABS.

(e) Incidence is not reported for people under 25 years of age as the numbers of heart attacks in this age group is very small.

(f) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

Source: AIHW (unpublished) National Hospital Morbidity Database; AIHW (unpublished) National Mortality Database; ABS various years, *Australian Demographic Statistics* (various years), Cat. no. 3101.0.

Table EA.18 **Incidence of heart attacks (acute coronary events), people 25 years or over, WA (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	WA	*Aust*
2007	500.9	534.2
2008	439.7	501.7
2009	443.4	467.2
2010	446.3	447.8
2011	441.5	427.1
2012	427.9	405.9
2013	388.9	379.2
2014	380.6	360.7
2015	369.4	340.3
2016	363.6	336.2

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Directly age standardised to the 2001 Australian standard population.

(c) Comparisons between jurisdictions should not be made as differences in treatment and referral patterns across states/territories are likely to have an impact on administrative records and affect jurisdictional comparability. These data are estimated from national hospital and deaths data. The accuracy of the estimates rely on the accuracy of coding of principal diagnosis, transfers and deaths in hospital in the National Hospital Morbidity Database (NHMD) and the underlying cause of death in the National Mortality Database (NMD).

(d) Deaths registered in 2014 and earlier are based on the final version of cause of death data; deaths registered in 2015 are based on the revised version and deaths registered in 2016 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the ABS.

(e) Incidence is not reported for people under 25 years of age as the numbers of heart attacks in this age group is very small.

(f) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

Source: AIHW (unpublished) National Hospital Morbidity Database; AIHW (unpublished) National Mortality Database; ABS various years, *Australian Demographic Statistics* (various years), Cat. no. 3101.0.

Table EA.19 **Incidence of heart attacks (acute coronary events), people 25 years or over, SA (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	SA	*Aust*
2007	497.3	534.2
2008	448.2	501.7
2009	438.9	467.2
2010	412.1	447.8
2011	400.9	427.1
2012	375.4	405.9
2013	347.3	379.2
2014	336.1	360.7
2015	314.0	340.3
2016	300.7	336.2

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Directly age standardised to the 2001 Australian standard population.

(c) Comparisons between jurisdictions should not be made as differences in treatment and referral patterns across states/territories are likely to have an impact on administrative records and affect jurisdictional comparability. These data are estimated from national hospital and deaths data. The accuracy of the estimates rely on the accuracy of coding of principal diagnosis, transfers and deaths in hospital in the National Hospital Morbidity Database (NHMD) and the underlying cause of death in the National Mortality Database (NMD).

(d) Deaths registered in 2014 and earlier are based on the final version of cause of death data; deaths registered in 2015 are based on the revised version and deaths registered in 2016 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the ABS.

(e) Incidence is not reported for people under 25 years of age as the numbers of heart attacks in this age group is very small.

(f) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

Source: AIHW (unpublished) National Hospital Morbidity Database; AIHW (unpublished) National Mortality Database; ABS various years, *Australian Demographic Statistics* (various years), Cat. no. 3101.0.

Table EA.20 **Incidence of heart attacks (acute coronary events), people 25 years or over, Tasmania (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	Tas	*Aust*
2007	565.9	534.2
2008	528.3	501.7
2009	478.4	467.2
2010	457.8	447.8
2011	390.3	427.1
2012	395.9	405.9
2013	373.8	379.2
2014	344.2	360.7
2015	310.9	340.3
2016	320.8	336.2

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Directly age standardised to the 2001 Australian standard population.

(c) Comparisons between jurisdictions should not be made as differences in treatment and referral patterns across states/territories are likely to have an impact on administrative records and affect jurisdictional comparability. These data are estimated from national hospital and deaths data. The accuracy of the estimates rely on the accuracy of coding of principal diagnosis, transfers and deaths in hospital in the National Hospital Morbidity Database (NHMD) and the underlying cause of death in the National Mortality Database (NMD).

(d) Deaths registered in 2014 and earlier are based on the final version of cause of death data; deaths registered in 2015 are based on the revised version and deaths registered in 2016 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the ABS.

(e) Incidence is not reported for people under 25 years of age as the numbers of heart attacks in this age group is very small.

(f) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

Source: AIHW (unpublished) National Hospital Morbidity Database; AIHW (unpublished) National Mortality Database; ABS various years, *Australian Demographic Statistics* (various years), Cat. no. 3101.0.

Table EA.21 **Incidence of heart attacks (acute coronary events), people 25 years or over, ACT (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	ACT	*Aust*
2007	379.8	534.2
2008	380.3	501.7
2009	423.6	467.2
2010	407.7	447.8
2011	366.5	427.1
2012	370.3	405.9
2013	358.3	379.2
2014	339.3	360.7
2015	345.7	340.3
2016	342.5	336.2

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Directly age standardised to the 2001 Australian standard population.

(c) Comparisons between jurisdictions should not be made as differences in treatment and referral patterns across states/territories are likely to have an impact on administrative records and affect jurisdictional comparability. These data are estimated from national hospital and deaths data. The accuracy of the estimates rely on the accuracy of coding of principal diagnosis, transfers and deaths in hospital in the National Hospital Morbidity Database (NHMD) and the underlying cause of death in the National Mortality Database (NMD).

(d) Deaths registered in 2014 and earlier are based on the final version of cause of death data; deaths registered in 2015 are based on the revised version and deaths registered in 2016 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the ABS.

(e) Incidence is not reported for people under 25 years of age as the numbers of heart attacks in this age group is very small.

(f) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

Source: AIHW (unpublished) National Hospital Morbidity Database; AIHW (unpublished) National Mortality Database; ABS various years, *Australian Demographic Statistics* (various years), Cat. no. 3101.0.

Table EA.22 **Incidence of heart attacks (acute coronary events), people 25 years or over, NT (per 100 000 people) (a), (b), (c), (d), (e), (f)**

	NT	*Aust*
2007	696.4	534.2
2008	707.3	501.7
2009	767.6	467.2
2010	716.8	447.8
2011	729.2	427.1
2012	647.1	405.9
2013	640.3	379.2
2014	720.7	360.7
2015	655.3	340.3
2016	617.6	336.2

(a) Incidence is defined as the number of new cases in the reported year and is expressed as a rate of the relevant population.

(b) Directly age standardised to the 2001 Australian standard population.

(c) Comparisons between jurisdictions should not be made as differences in treatment and referral patterns across states/territories are likely to have an impact on administrative records and affect jurisdictional comparability. These data are estimated from national hospital and deaths data. The accuracy of the estimates rely on the accuracy of coding of principal diagnosis, transfers and deaths in hospital in the National Hospital Morbidity Database (NHMD) and the underlying cause of death in the National Mortality Database (NMD).

(d) Deaths registered in 2014 and earlier are based on the final version of cause of death data; deaths registered in 2015 are based on the revised version and deaths registered in 2016 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the ABS.

(e) Incidence is not reported for people under 25 years of age as the numbers of heart attacks in this age group is very small.

(f) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

Source: AIHW (unpublished) National Hospital Morbidity Database; AIHW (unpublished) National Mortality Database; ABS various years, *Australian Demographic Statistics* (various years), Cat. no. 3101.0.

Table EA.23 **Proportion of people with type 2 diabetes (based on fasting blood glucose test), by sex, 2011-12 (per cent) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (f)	*Aust*
People aged 18 years or over										
Proportion										
Males	%	5.4	5.1	5.8	5.4	6.4	5.1	4.4	8.6	5.5
95 per cent confidence interval	±	1.9	2.4	1.9	1.7	2.2	1.6	2.3	5.1	0.9
Females	%	3.1	2.3	3.3	3.9	4.4	3.0	4.8	6.3	3.2
95 per cent confidence interval	±	1.1	1.7	1.3	1.7	1.7	1.2	2.2	5.0	0.7
Total (g)	%	**4.2**	**3.6**	**4.6**	**4.6**	**5.4**	**4.0**	**4.6**	**7.4**	**4.3**
95 per cent confidence interval	±	1.1	1.3	1.1	1.2	1.3	1.0	1.8	3.1	0.5
Relative standard error										
Males	%	17.6	24.0	16.4	16.3	17.8	16.4	27.3	30.4	8.5
Females	%	18.9	37.4	20.1	22.0	19.2	20.0	24.1	40.7	10.7
Total (g)	%	**13.0**	**18.4**	**12.8**	**13.6**	**12.3**	**13.0**	**19.3**	**21.8**	**6.4**
People aged 25 years or over										
Proportion										
Males	%	6.2	5.8	6.7	6.2	7.4	5.9	5.0	9.9	6.3
95 per cent confidence interval	±	2.1	2.7	2.1	2.0	2.6	1.9	2.7	5.9	1.0
Females	%	3.5	2.7	3.7	4.4	5.1	3.5	5.5	4.0	3.6
95 per cent confidence interval	±	1.3	2.0	1.5	1.9	1.9	1.4	2.6	3.9	0.8
Total (g)	%	**4.8**	**4.1**	**5.2**	**5.2**	**6.1**	**4.6**	**5.3**	**7.0**	**4.9**

Table EA.23 **Proportion of people with type 2 diabetes (based on fasting blood glucose test), by sex, 2011-12 (per cent) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (f)	*Aust*
95 per cent confidence interval	±	1.2	1.5	1.3	1.4	1.5	1.2	2.0	2.9	0.6
Relative standard error										
Males	%	17.6	24.0	16.4	16.3	17.8	16.4	27.3	30.4	8.5
Females	%	18.9	37.4	20.1	22.0	19.2	20.0	24.1	49.4	10.7
Total (g)	%	**13.0**	**18.4**	**12.8**	**13.6**	**12.3**	**13.0**	**19.3**	**21.2**	**6.4**

Estimates with RSEs between 25 precent and 50 per cent should be used with caution.

(a) Data include pregnant women.

(b) Data include those with known type 2 diabetes and all persons with newly diagnosed diabetes. Diabetes prevalence is derived using a combination of fasting plasma glucose test results and self-reported information on diabetes diagnosis and medication use. The type of diabetes for newly diagnosed cases cannot be determined from a fasting plasma glucose test alone. However, as it is assumed that the vast majority of newly diagnosed cases would be Type 2, all newly diagnosed cases of diabetes have been included in this measure.
The 2011 12 NHMS and 2012 13 NATSIHMS use a combination of blood test results for fasting plasma glucose and self reported information on diabetes diagnosis and medication use to measure prevalence of Type 2 diabetes.
A respondent to the survey is considered to have known diabetes (type 2) if they had ever been told by a doctor or nurse that they have Type 2 diabetes and:
• They were taking diabetes medication (either insulin or tablets); or
• Their blood test result for fasting plasma glucose was greater than or equal to 7.0 mmol/L.
A respondent to the survey is considered to have newly diagnosed diabetes if they reported no prior diagnosis of diabetes, but had a fasting plasma glucose value greater than or equal to 7.0 mmol/L.

(c) Fasting plasma glucose is a fasting blood test. Data include only people who fasted for 8 hours or more prior to their blood test. For Australia in 2011-12, approximately 79 per cent of people aged 18 years or over and people aged 25 years or over who participated in the National Health Measures Survey (NHMS) had fasted.

(d) Rates are age standardised to the 2001 Australian standard population using 5 year ranges from 18 years.

(e) For more information on data quality, including collection methodologies and data limitations, see the ABS website.

(f) Data for the NT should be interpreted with caution as the Australian Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 30 per cent of the estimated resident population of the NT.

Table EA.23 **Proportion of people with type 2 diabetes (based on fasting blood glucose test), by sex, 2011-12 (per cent) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (f)	*Aust*

(g) Denominator includes a small number of persons for whom test results were not reported.

Source: ABS (unpublished) Australian Health Survey 2011–13, (2011-12 NHMS component).

Table EA.24 **Proportion of people aged 18 years or over with type 2 diabetes (based on fasting blood glucose test), by Indigenous status, by sex, 2011–13 (per cent) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (f)	*Aust*
Aboriginal and Torres Strait Islander people										
Proportion										
Males	%	13.1	na	7.5	23.7	9.1	na	na	22.7	13.6
95 per cent confidence interval	±	5.4	na	4.3	10.4	10.0	na	na	12.4	3.3
Females	%	12.9	na	10.9	16.9	15.0	na	na	17.1	12.5
95 per cent confidence interval	±	5.6	na	6.8	8.7	11.6	na	na	7.6	3.0
Total (g)	%	**12.6**	**na**	**9.1**	**20.3**	**12.8**	**na**	**na**	**20.0**	**12.9**
95 per cent confidence interval	±	3.7	na	3.7	6.6	7.9	na	na	7.3	2.2
Relative standard error										
Males	%	21.2	na	29.2	22.3	55.9	na	na	27.9	12.4
Females	%	22.0	na	31.8	26.2	39.3	na	na	22.8	12.2
Total (g)	%	**15.1**	**na**	**21.1**	**16.6**	**31.4**	**na**	**na**	**18.6**	**8.8**
Other Australians										
Proportion										
Males	%	5.4	5.0	5.9	5.3	5.9	4.8	4.4	7.6	5.5
95 per cent confidence interval	±	1.8	2.3	1.9	1.7	2.0	1.6	2.3	4.4	0.9
Females	%	3.0	2.2	3.1	3.9	4.2	3.2	4.2	5.0	3.1
95 per cent confidence interval	±	1.1	1.5	1.3	1.6	1.6	1.3	2.0	4.3	0.6
Total (g)	%	**4.2**	**3.5**	**4.5**	**4.6**	**5.1**	**4.0**	**4.3**	**6.4**	**4.2**

Table EA.24 **Proportion of people aged 18 years or over with type 2 diabetes (based on fasting blood glucose test), by Indigenous status, by sex, 2011–13 (per cent) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (f)	*Aust*
95 per cent confidence interval	±	1.0	1.2	1.2	1.2	1.2	1.0	1.6	2.9	0.5
Relative standard error										
Males	%	17.2	23.6	16.7	16.1	16.8	17.2	27.5	29.8	8.3
Females	%	18.5	35.9	20.3	21.6	19.2	20.1	24.6	43.7	10.5
Total (g)	%	**12.8**	**17.9**	**13.2**	**13.1**	**12.1**	**13.1**	**19.4**	**23.5**	**6.4**

Estimates with RSEs between 25 precent and 50 per cent should be used with caution.

(a) Data include pregnant women.

(b) Data include those with known type 2 diabetes and all persons with newly diagnosed diabetes. Diabetes prevalence is derived using a combination of fasting plasma glucose test results and self-reported information on diabetes diagnosis and medication use. The type of diabetes for newly diagnosed cases cannot be determined from a fasting plasma glucose test alone. However, as it is assumed that the vast majority of newly diagnosed cases would be Type 2, all newly diagnosed cases of diabetes have been included in this measure.
The 2011 12 NHMS and 2012 13 NATSIHMS use a combination of blood test results for fasting plasma glucose and self reported information on diabetes diagnosis and medication use to measure prevalence of Type 2 diabetes.
A respondent to the survey is considered to have known diabetes (type 2) if they had ever been told by a doctor or nurse that they have Type 2 diabetes and:
• They were taking diabetes medication (either insulin or tablets); or
• Their blood test result for fasting plasma glucose was greater than or equal to 7.0 mmol/L.
A respondent to the survey is considered to have newly diagnosed diabetes if they reported no prior diagnosis of diabetes, but had a fasting plasma glucose value greater than or equal to 7.0 mmol/L.

(c) Fasting plasma glucose is a fasting blood test. Data include only people who fasted for 8 hours or more prior to their blood test. For Australia in 2011-12, approximately 79 per cent of people aged 18 years or over who participated in the NHMS had fasted. Approximately 78 per cent of people aged 18 years or over who participated in the National Aboriginal and Torres Strait Islander Health Measures Survey had fasted.

(d) Rates are age standardised to the 2001 Australian standard population (10 year age ranges from 18–24 years to 55 years or over).

(e) For more information on data quality, including collection methodologies and data limitations, see the ABS website.

(f) Data for non-indigenous Australians for the NT should be interpreted with caution as the Australian Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 30 per cent of the estimated resident population of the NT.

Table EA.24 **Proportion of people aged 18 years or over with type 2 diabetes (based on fasting blood glucose test), by Indigenous status, by sex, 2011–13 (per cent) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (f)	*Aust*

(g) Denominator includes a small number of persons for whom test results were not reported.

na Not available.

Source: ABS (unpublished) Australian Health Survey 2011–13, (2011-12 NHMS component); ABS (unpublished) Australian Aboriginal and Torres Strait Islander Health Survey, 2012-13 (National Aboriginal and Torres Strait Islander Health Measures Survey component).

Table EA.25 **Proportion of people aged 25 years or over with type 2 diabetes (based on fasting blood glucose test), by Indigenous status, by sex, 2011–13 (per cent) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (f)	*Aust*
Aboriginal and Torres Strait Islander people										
Proportion										
Males	%	15.0	na	8.6	27.2	10.3	na	na	25.7	15.5
95 per cent confidence interval	±	6.2	na	4.9	11.9	11.4	na	na	14.2	3.8
Females	%	14.8	na	12.4	19.4	17.2	na	na	19.2	14.3
95 per cent confidence interval	±	6.4	na	7.7	9.9	13.2	na	na	8.7	3.4
Total (g)	%	**14.4**	**na**	**10.4**	**23.2**	**14.6**	**na**	**na**	**22.6**	**14.8**
95 per cent confidence interval	±	4.3	na	4.3	7.6	9.0	na	na	8.3	2.6
Relative standard error										
Males	%	21.2	na	29.2	22.3	56.6	na	na	28.2	12.4
Females	%	22.0	na	31.8	26.2	39.3	na	na	23.2	12.3
Total (g)	%	**15.1**	**na**	**21.1**	**16.6**	**31.5**	**na**	**na**	**18.6**	**8.8**
Other Australians										
Proportion										
Males	%	6.2	5.8	6.8	6.1	6.8	5.5	5.0	8.7	6.3
95 per cent confidence interval	±	2.1	2.7	2.2	1.9	2.2	1.9	2.7	5.1	1.0
Females	%	3.4	2.5	3.6	4.4	4.8	3.7	4.8	2.6	3.5
95 per cent confidence interval	±	1.3	1.8	1.4	1.9	1.8	1.4	2.3	2.1	0.7
Total (g)	%	**4.8**	**4.1**	**5.2**	**5.2**	**5.8**	**4.6**	**4.9**	**5.8**	**4.8**

Table EA.25 **Proportion of people aged 25 years or over with type 2 diabetes (based on fasting blood glucose test), by Indigenous status, by sex, 2011–13 (per cent) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (f)	*Aust*
95 per cent confidence interval	±	1.2	1.4	1.3	1.3	1.4	1.2	1.9	2.5	0.6
Relative standard error										
Males	%	17.2	23.6	16.7	16.1	16.8	17.2	27.5	29.8	8.3
Females	%	18.5	35.9	20.3	21.6	19.2	20.1	24.6	41.0	10.5
Total (g)	%	**12.8**	**17.9**	**13.2**	**13.1**	**12.1**	**13.1**	**19.4**	**22.5**	**6.4**

Estimates with RSEs between 25 precent and 50 per cent should be used with caution.

(a) Data include pregnant women.

(b) Data include those with known type 2 diabetes and all persons with newly diagnosed diabetes. Diabetes prevalence is derived using a combination of fasting plasma glucose test results and self-reported information on diabetes diagnosis and medication use. The type of diabetes for newly diagnosed cases cannot be determined from a fasting plasma glucose test alone. However, as it is assumed that the vast majority of newly diagnosed cases would be Type 2, all newly diagnosed cases of diabetes have been included in this measure.
The 2011 12 NHMS and 2012 13 NATSIHMS use a combination of blood test results for fasting plasma glucose and self reported information on diabetes diagnosis and medication use to measure prevalence of Type 2 diabetes.
A respondent to the survey is considered to have known diabetes (type 2) if they had ever been told by a doctor or nurse that they have Type 2 diabetes and:
• They were taking diabetes medication (either insulin or tablets); or
• Their blood test result for fasting plasma glucose was greater than or equal to 7.0 mmol/L.
A respondent to the survey is considered to have newly diagnosed diabetes if they reported no prior diagnosis of diabetes, but had a fasting plasma glucose value greater than or equal to 7.0 mmol/L.

(c) Fasting plasma glucose is a fasting blood test. Data include only people who fasted for 8 hours or more prior to their blood test. For Australia in 2011-12, approximately 79 per cent of people aged 18 years or over who participated in the NHMS had fasted. Approximately 78 per cent of people aged 18 years or over who participated in the National Aboriginal and Torres Strait Islander Health Measures Survey had fasted.

(d) Rates are age standardised to the 2001 Australian standard population (10-year age ranges from 25 years to 55 years or over).

(e) For more information on data quality, including collection methodologies and data limitations, see the ABS website.

(f) Data for non-indigenous Australians for the NT should be interpreted with caution as the Australian Health Survey excluded discrete Aboriginal and Torres Strait Islander communities and very remote areas, which comprise around 30 per cent of the estimated resident population of the NT.

Table EA.25 **Proportion of people aged 25 years or over with type 2 diabetes (based on fasting blood glucose test), by Indigenous status, by sex, 2011–13 (per cent) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT* (f)	*Aust*

(g) Denominator includes a small number of persons for whom test results were not reported.

na Not available.

Source : ABS (unpublished) Australian Health Survey 2011–13, (2011-12 NHMS component); ABS (unpublished) Australian Aboriginal and Torres Strait Islander Health Survey, 2012-13 (National Health Measures Survey component).

Table EA.26 **Age-standardised mortality rates of potentially avoidable deaths, under 75 years, 2008 to 2018 (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld* (i)	*WA* (j)	*SA*	*Tas*	*ACT*	*NT*	*Aust (* k)
2008										
Number of deaths	no.	8 381	5 853	5 465	2 629	1 987	774	339	464	25 892
Rate per 100 000 population	rate	122.2	114.0	135.1	127.4	121.4	147.1	110.2	267.9	124.9
variability band (±)	±	2.6	2.9	3.6	4.9	5.4	10.5	11.9	26.5	1.5
2009										
Number of deaths	no.	8 259	6 127	5 412	2 530	2 121	834	306	424	26 016
Rate per 100 000 population	rate	117.4	116.2	129.1	118.4	127.6	154.7	95.1	240.8	122.0
variability band (±)	±	2.5	2.9	3.5	4.6	5.5	10.7	10.8	24.8	1.5
2010										
Number of deaths	no.	8 051	5 769	5 520	2 603	2 072	746	333	449	25 547
Rate per 100 000 population	rate	111.4	106.6	128.0	118.3	122.1	133.9	101.5	236.5	116.7
variability band (±)	±	2.4	2.8	3.4	4.6	5.3	9.8	11.1	23.5	1.4
2011										
Number of deaths	no.	8 426	5 830	5 524	2 555	1 988	722	278	414	25 740
Rate per 100 000 population	rate	113.6	105.0	124.1	112.5	114.7	126.6	82.0	217.7	114.4
variability band (±)	±	2.4	2.7	3.3	4.4	5.1	9.4	9.8	22.3	1.4
2012										
Number of deaths	no.	8 005	5 358	5 582	2 557	1 968	769	293	477	25 009
Rate per 100 000 population	rate	105.8	93.8	121.5	108.0	111.8	131.9	84.0	240.0	108.3
variability band (±)	±	2.3	2.5	3.2	4.2	5.0	9.6	9.7	22.6	1.4
2013										
Number of deaths	no.	8 166	5 446	5 561	2 674	1 977	759	349	465	25 398
Rate per 100 000 population	rate	105.2	92.4	117.7	108.6	109.2	129.7	98.9	234.7	106.9

Table EA.26 **Age-standardised mortality rates of potentially avoidable deaths, under 75 years, 2008 to 2018 (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld* (i)	*WA* (j)	*SA*	*Tas*	*ACT*	*NT*	*Aust (* k)
variability band (±)	±	2.3	2.5	3.1	4.1	4.9	9.5	10.5	22.3	1.3
2014										
Number of deaths	no.	8 489	6 134	5 418	2 701	2 030	793	309	505	26 383
Rate per 100 000 population	rate	107.0	102.0	111.8	106.8	110.3	132.8	83.6	237.4	108.5
variability band (±)	±	2.3	2.6	3.0	4.1	4.9	9.6	9.4	21.4	1.3
2015										
Number of deaths	no.	8 649	5 991	5 820	2 850	2 056	813	334	514	27 029
Rate per 100 000 population	rate	107.0	97.4	117.7	110.5	109.2	131.5	88.1	239.8	109.0
variability band (±)	±	2.3	2.5	3.1	4.1	4.8	9.4	9.5	21.4	1.3
2016										
Number of deaths	no.	8 557	6 068	5 608	2 848	2 030	858	300	421	26 696
Rate per 100 000 population	rate	103.4	96.2	110.9	108.5	106.5	139.4	77.2	200.7	105.2
variability band (±)	±	2.2	2.4	2.9	4.0	4.7	9.7	8.8	19.8	1.3
2017										
Number of deaths	no.	8 201	6 029	5 947	2 786	2 082	823	377	481	26 733
Rate per 100 000 population	rate	97.2	91.5	113.8	106.5	106.9	130.7	95.4	220.5	102.7
variability band (±)	±	2.1	2.3	2.9	4.0	4.7	9.4	9.7	20.3	1.2

(a) Age-standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001. Standardised death rates (SDRs) are expressed per 1000 or 100 000 persons. SDRs in this table have been calculated using the direct method, age-standardised by 5 year age groups to less than 75 years.

(b) Data based on reference year. The ABS Causes of Death collection includes all deaths that occurred and were registered in Australia, including deaths of persons whose usual residence is overseas. Deaths of Australian residents that occurred outside Australia may be registered by individual Registrars, but are not included in ABS deaths or causes of death statistics.

Table EA.26 **Age-standardised mortality rates of potentially avoidable deaths, under 75 years, 2008 to 2018 (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld* (i)	*WA* (j)	*SA*	*Tas*	*ACT*	*NT*	*Aust (* k)

(c) Potentially avoidable deaths refer to deaths from certain conditions that are considered avoidable given timely and effective health care. Avoidable mortality measures premature deaths (for those aged 0-74 years) for specific conditions defined and agreed to nationally by NHISSC and endorsed by NHIPPC (August 2014).

(d) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are final, they are no longer revised. Affected data in this table are: 2007-2014 (final), 2015 (revised), 2016 and 2017 (preliminary). See Explanatory Notes 57-60 in Causes of Death, Australia, 2017 (Cat. no. 3303.0). and Causes of Death Revisions, 2014 Final Data (Technical Note) in Causes of Death, Australia, 2016 (Cat. no. 3303.0).

(e) Historical data may differ from previous reports as nationally agreed revisions made to the definition of potentially avoidable deaths in 2014 are applied. Data in the Causes of Death collection include demographic items, as well as causes of death information, which is coded according to the International Statistical Classification of Diseases and Related health Problems (ICD). ICD is the international standard classification for epidemiological purposes and is designed to promote international comparability in the collection, processing, classification, and presentation of causes of death statistics. The classification is used to classify diseases and causes of disease or injury as recorded on many types of medical records as well as death records. The ICD has been revised periodically to incorporate changes in the medical field. The 10th revision of ICD (ICD 10) has been used by the ABS to code cause of death since 1997.

(f) Some totals and figures may not compute due to the effects of rounding.

(g) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 3303.0).

(h) Deaths registered on Norfolk Island from 1 July 2016 are included for the first time. This is due to the introduction of the Norfolk Island Legislation Amendment Act 2015. Norfolk Island deaths are included in statistics for "Other Territories" as well as totals for all of Australia. Deaths registered on Norfolk Island prior to 1 July 2016 were not in scope for death statistics. See Explanatory Note 13 in Causes of Deaths, Australia, 2016 (cat. no. 3303.0) for more information. Prior to 1 July 2016, deaths of people that occurred in Australia with a usual residence of Norfolk Island were included in Australian totals, but assigned a usual residence of overseas. With the inclusion of Norfolk Island as a territory of Australia in the ASGS 2016, those deaths which occurred in Australia between January and June 2016 with a usual residence of Norfolk Island were allocated to the Norfolk Island SA2 code instead of the overseas category.

(i) Care should be taken when interpreting deaths data for Queensland for 2010 as they are affected by recent changes in the timeliness of birth and death registrations. Queensland deaths data for 2010 have been adjusted to minimise the impact of late registration of deaths on mortality indicators.

(j) For WA, Indigenous deaths data for 2008 and 2009 have been corrected. The data differ from previous reports in which they were over-reported.

(k) All states and territories including other territories.

Source: ABS (unpublished) *Causes of Death, Australia* , Cat. no. 3303.0.

Table EA.27 **Age standardised mortality rates of potentially avoidable deaths, under 75 years, by Indigenous status, NSW, Queensland, WA, SA, NT, 2004–08 to 2013–17 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Unit	*NSW*	*Vic*	*Qld* (m), (p)	*WA* (n)	*SA*	*Tas*	*ACT*	*NT*	*Total* (o)
2004–08										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 220	na	1 447	1 109	378	na	na	1 269	5 423
Rate (a)	per 100 000	246.9	na	350.7	524.1	386.5	na	na	696.5	379.9
Other Australians (j), (k)										
Number of deaths	no.	40 660	na	24 329	10 885	9 870	na	na	991	86 735
Rate (a)	per 100 000	126.3	na	131.7	115.8	127.2	na	na	175.1	126.8
2005–09										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 244	na	1 477	1 155	390	na	na	1 253	5 519
Rate (a)	per 100 000	241.3	na	342.9	527.2	378.2	na	na	672.2	371.8
Other Australians (j), (k)										
Number of deaths	no.	39 909	na	24 216	11 027	9 879	na	na	991	86 022
Rate (a)	per 100 000	121.1	na	126.6	113.3	124.8	na	na	168.4	122.3
2006–10										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 310	na	1 506	1 199	372	na	na	1 261	5 648
Rate (a)	per 100 000	246.6	na	338.3	529.8	357.6	na	na	661.4	370.1
Other Australians (j), (k)										
Number of deaths	no.	39 534	na	24 344	11 254	9 782	na	na	981	85 895
Rate (a)	per 100 000	117.1	na	123.2	111.8	121.2	na	na	158.2	118.8

Table EA.27 **Age standardised mortality rates of potentially avoidable deaths, under 75 years, by Indigenous status, NSW, Queensland, WA, SA, NT, 2004–08 to 2013–17 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Unit	*NSW*	*Vic*	*Qld* (m), (p)	*WA* (n)	*SA*	*Tas*	*ACT*	*NT*	*Total* (o)
2007–11										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 371	na	1 501	1 213	387	na	na	1 241	5 713
Rate (a)	per 100 000	245.3	na	316.8	525.6	357.0	na	na	637.0	359.0
Other Australians (j), (k)										
Number of deaths	no.	39 614	na	24 695	11 309	9 753	na	na	976	86 347
Rate (a)	per 100 000	114.2	na	120.7	108.2	118.3	na	na	149.7	115.9
2008–12										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 378	na	1 542	1 231	380	na	na	1 274	5 805
Rate (a)	per 100 000	236.3	na	313.3	515.3	344.0	na	na	629.6	351.4
Other Australians (j), (k)										
Number of deaths	no.	39 310	na	24 964	11 297	9 646	na	na	944	86 161
Rate (a)	per 100 000	110.6	na	118.3	104.9	114.5	na	na	138.8	112.6
2009–13										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 445	na	1 649	1 213	386	na	na	1 272	5 965
Rate (a)	per 100 000	239.5	na	321.0	494.2	339.2	na	na	623.5	350.6
Other Australians (j), (k)										
Number of deaths	no.	39 082	na	24 983	11 345	9 653	na	na	948	86 011
Rate (a)	per 100 000	107.4	na	115.0	101.8	112.6	na	na	134.2	109.6

Table EA.27 **Age standardised mortality rates of potentially avoidable deaths, under 75 years, by Indigenous status, NSW, Queensland, WA, SA, NT, 2004–08 to 2013–17 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Unit	*NSW*	*Vic*	*Qld* (m), (p)	*WA* (n)	*SA*	*Tas*	*ACT*	*NT*	*Total* (o)
2010–14										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 536	na	1 660	1 268	387	na	na	1 347	6 198
Rate (a)	per 100 000	243.0	na	305.0	480.0	340.8	na	na	634.5	347.3
Other Australians (j), (k)										
Number of deaths	no.	39 273	na	25 064	11 434	9 585	na	na	954	86 310
Rate (a)	per 100 000	105.4	na	111.8	98.6	109.4	na	na	128.9	106.9
2011–15										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 616	na	1 755	1 316	403	na	na	1 379	6 469
Rate (a)	per 100 000	244.4	na	305.7	472.4	347.9	na	na	630.5	347.2
Other Australians (j), (k)										
Number of deaths	no.	39 825	na	25 621	11 642	9 567	na	na	990	87 645
Rate (a)	per 100 000	104.6	na	111.1	96.8	107.0	na	na	129.1	105.8
2012–16										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 684	na	1 847	1 372	392	na	na	1 376	6 671
Rate (a)	per 100 000	244.5	na	310.7	476.2	336.3	na	na	602.5	345.6
Other Australians (j), (k)										
Number of deaths	no.	39 846	na	25 657	11 883	9 629	na	na	1 001	88 016
Rate (a)	per 100 000	102.0	na	108.6	96.0	105.7	na	na	127.3	103.6

Table EA.27 **Age standardised mortality rates of potentially avoidable deaths, under 75 years, by Indigenous status, NSW, Queensland, WA, SA, NT, 2004–08 to 2013–17 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Unit	*NSW*	*Vic*	*Qld* (m), (p)	*WA* (n)	*SA*	*Tas*	*ACT*	*NT*	*Total* (o)
2013–17										
Aboriginal and Torres Strait Islander people										
Number of deaths	no.	1 753	na	1 909	1 389	417	na	na	1 342	6 810
Rate (a)	per 100 000	244.9	na	304.8	465.6	341.6	na	na	567.7	339.0
Other Australians (j), (k)										
Number of deaths	no.	39 932	na	26 130	12 079	9 719	na	na	1 040	88 900
Rate (a)	per 100 000	100.2	na	108.1	95.8	104.5	na	na	131.0	102.5

(a) Age-standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001. Standardised death rates (SDRs) are expressed per 1000 or 100 000 persons. SDRs in this table have been calculated using the direct method, age-standardised by 5 year age groups to less than 75 years.

(b) Potentially avoidable deaths refer to deaths from certain conditions that are considered avoidable given timely and effective health care. Avoidable mortality measures premature deaths (for those aged 0-74 years) for specific conditions defined and agreed to nationally by NHISSC and endorsed by NHIPPC (August 2014).

(c) Historical data may differ from previous reports as nationally agreed revisions to the definition of potentially avoidable deaths in 2014 have been applied for the 2015 and 2016 Reports. The ABS Causes of Death collection includes all deaths that occurred and were registered in Australia, including deaths of persons whose usual residence is overseas. Deaths of Australian residents that occurred outside Australia may be registered by individual Registrars, but are not included in ABS deaths or causes of death statistics.

(d) Non-Indigenous estimates are available for census years only. In the intervening years, Aboriginal and Torres Strait Islander population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the projected Indigenous population from the total population. Non-Indigenous population estimates have been derived for these data by subtracting the 2011 Census-based Indigenous population projections from the 2011 Census based total persons estimated resident population (ERP). Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases.

Table EA.27 **Age standardised mortality rates of potentially avoidable deaths, under 75 years, by Indigenous status, NSW, Queensland, WA, SA, NT, 2004–08 to 2013–17 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Unit	*NSW*	*Vic*	*Qld* (m), (p)	*WA* (n)	*SA*	*Tas*	*ACT*	*NT*	*Total* (o)

(e) Data based on reference year. Causes of death data is published on an annual basis. Death records are provided electronically to the ABS by individual Registrars on a monthly basis for compilation into aggregate statistics on a quarterly and annual basis. One dimension of timeliness in death registrations data is the interval between the occurrence and registration of a death. As a result, a small number of deaths occurring in one year are not registered until the following year or later.

(f) Some totals and figures may not compute due to the effects of rounding.

(g) Data are presented in five-year groupings due to the volatility of small numbers each year.

(h) Data are reported by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. Only these five states and territories have evidence of a sufficient level of Indigenous identification and sufficient numbers of Indigenous deaths to support mortality analysis.

(i) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are final, they are no longer revised. Affected data in this table are: 2007-2013 (final), 2014 (revised), 2015 and 2016 (preliminary). See Explanatory Notes 55-58 in Causes of Death, Australia, 2016 (Cat. no. 3303.0). and Causes of Death Revisions, 2013 Final Data (Technical Note) in Causes of Death, Australia, 2015 (Cat. no. 3303.0).

(j) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(k) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. nos. 3303.0, 3101.0 and 3238.0).

(l) Deaths registered on Norfolk Island from 1 July 2016 are included for the first time. This is due to the introduction of the Norfolk Island Legislation Amendment Act 2015. Norfolk Island deaths are included in statistics for "Other Territories" as well as totals for all of Australia. Deaths registered on Norfolk Island prior to 1 July 2016 were not in scope for death statistics. See Explanatory Note 13 in Causes of Deaths, Australia, 2016 (Cat. no. 3303.0) for more information. Prior to 1 July 2016, deaths of people that occurred in Australia with a usual residence of Norfolk Island were included in Australian totals, but assigned a usual residence of overseas. With the inclusion of Norfolk Island as a territory of Australia in the ASGS 2016, those deaths which occurred in Australia between January and June 2016 with a usual residence of Norfolk Island were allocated to the Norfolk Island SA2 code instead of the overseas category.

Table EA.27 **Age standardised mortality rates of potentially avoidable deaths, under 75 years, by Indigenous status, NSW, Queensland, WA, SA, NT, 2004–08 to 2013–17 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Unit	*NSW*	*Vic*	*Qld* (m), (p)	*WA* (n)	*SA*	*Tas*	*ACT*	*NT*	*Total* (o)

(m) Care should be taken when interpreting deaths data for Queensland for 2010 as they are affected by recent changes in the timeliness of birth and death registrations. Queensland deaths data for 2010 have been adjusted to minimise the impact of late registration of deaths on mortality indicators. In November 2010, the Queensland Registrar of Births, Deaths and Marriages advised the ABS of an outstanding deaths registration initiative undertaken by the Registry. This initiative resulted in the November 2010 registration of 374 previously unregistered deaths which occurred between 1992 and 2006 (including a few for which a date of death was unknown). Of these, around three quarters (284) were deaths of Aboriginal and Torres Strait Islander Australians.
The ABS discussed different methods of adjustment of Queensland death registrations data for 2010 with key stakeholders. Following the discussion, a decision was made by the ABS and key stakeholders to use an adjustment method that added together deaths registered in 2010 for usual residents of Queensland which occurred in 2007, 2008, 2009 and 2010. This method minimises the impact on mortality indicators used in various government reports. However, care should still be taken when interpreting Aboriginal and Torres Strait Islander death data for Queensland for 2010. Please note that there are differences between data output in the Causes of Death, Australia, 2010 publication (Cat. no. 3303.0) and 2010 data reported for COAG, as this adjustment was not applied in the publication. For further details see Technical Note: Registration of outstanding deaths, Queensland 2010, from the Deaths, Australia, 2010 publication (Cat. no, 3302.0) and Explanatory Note 103 in the Causes of Death, Australia, 2010 publication (Cat. no. 3303.0).

(n) For WA, Indigenous deaths data for 2007, 2008 and 2009 have been corrected. The data differ from previous reports in which they were over-reported. Investigation conducted by the WA Registrar of Births, Deaths and Marriages indicated that some deaths of non Indigenous people were wrongly identified as deaths of Indigenous people in WA for 2007, 2008 and 2009. The ABS discussed this issue with a range of key stakeholders and users of Aboriginal and Torres Strait Islander deaths statistics. Following this discussion, the ABS did not release WA Aboriginal and Torres Strait Islander deaths data for the years 2007, 2008 and 2009 in the 2010 issue of Deaths, Australia publication, or in the 2011 COAG data supply. The WA Registry corrected the data and resupplied the corrected data to the ABS. These corrected data were then released by the ABS in spreadsheets attached to Deaths, Australia, 2010 (Cat. no. 3302.0) publication on 24 May 2012, and were included in the 2013 and subsequent RoGS. In addition, 3 deaths in WA for 2009 which were wrongly coded as deaths of Indigenous people were corrected as deaths of non indigenous people in a previous RoGS.

(o) Total includes data for NSW, Queensland, WA, SA and the NT only. These 5 states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(p) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages include information resulting in an increase in Aboriginal and Torres Strait Islander identification.

Source: ABS (unpublished) *Causes of Death, Australia*, Cat. no. 3303.0; ABS unpublished, *Australian Demographic Statistics*, Cat. no. 3101.0; ABS 2014, *Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2001 to 2026*, Series B, Cat. no. 3238.0.

Table EA.28 **Five-year relative survival proportions for people diagnosed with cancer, by sex, 2011–15 (a), (b), (c)**

	Males	*Females*	*Total*
Bowel cancer	69.5	70.4	69.9
Lung cancer	15.0	20.8	17.4
Melanoma	89.1	93.7	91.0
Female breast cancer	..	90.8	90.8
Cervical cancer	..	73.5	73.5
All cancers combined (b)	**68.1**	**69.9**	**68.9**

(a) Survival was calculated with the period method using the period 2011–2015, excluding NSW incidence data for 2015 because these data were not available.

(b) Excluding basal cell and squamous cell carcinomas of the skin.

(c) For more information on data quality, including collection methodologies and data limitations, see METeOR on the AIHW website.

.. Not applicable.

Source: AIHW (unpublished) 2015 Australian Cancer Database; AIHW (unpublished) National Death Index.

Table EA.29 **All Australians average life expectancy at birth (years) (a), (b)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (c)
Males									
2006–08	79.2	79.6	78.9	79.3	79.2	77.7	80.1	72.6	79.2
2007–09	79.5	79.7	79.1	79.5	79.3	77.9	80.5	73.3	79.3
2008–10	79.6	80.0	79.4	79.7	79.4	78.0	80.5	74.0	79.5
2009–11	79.8	80.3	79.5	80.1	79.7	78.3	81.0	74.9	79.7
2010–12	79.9	80.5	79.5	80.1	79.8	78.7	81.2	74.7	79.9
2011–13	80.0	80.7	79.6	80.3	80.0	78.8	81.7	74.9	80.1
2012–14	80.2	81.1	79.9	80.5	80.1	78.8	81.4	75.4	80.3
2013–15	80.4	81.1	80.0	80.5	80.3	78.9	81.2	75.7	80.4
2014–16	80.4	81.2	80.1	80.3	80.4	78.8	81.3	75.6	80.4
2015–17	80.3	81.3	80.0	80.3	80.3	78.7	81.1	75.9	80.5
Females									
2006–08	83.9	83.9	83.7	84.0	83.8	82.3	84.0	78.4	83.7
2007–09	84.3	84.1	83.8	84.1	83.9	82.2	84.3	79.0	83.9
2008–10	84.1	84.3	83.9	84.3	83.8	82.3	84.7	79.2	84.0
2009–11	84.2	84.4	84.1	84.6	84.0	82.5	84.8	80.5	84.2
2010–12	84.2	84.5	84.0	84.8	84.2	82.6	85.1	80.0	84.3
2011–13	84.3	84.7	84.1	84.8	84.3	82.6	85.0	79.2	84.3
2012–14	84.4	84.7	84.2	84.9	84.3	82.5	85.2	78.9	84.4
2013–15	84.6	84.7	84.3	85.0	84.4	82.8	85.3	78.5	84.5
2014–16	84.6	84.7	84.5	84.8	84.5	82.9	85.2	78.7	84.6
2015–17	84.6	85.0	84.4	84.9	84.5	82.9	85.2	79.4	84.6
All Australians									
2010–12	82.0	82.5	81.7	82.4	81.9	80.6	83.1	77.3	82.0
2011–13	82.1	82.7	81.8	82.5	82.1	80.6	83.3	77.0	82.1
2012–14	82.3	82.8	82.0	82.6	82.1	80.6	83.2	77.1	82.3
2013–15	82.4	82.9	82.1	82.7	82.3	80.8	83.2	77.0	82.4
2014–16	82.4	82.9	82.2	82.5	82.4	80.8	83.2	77.1	82.5
2015–17	82.4	83.1	82.2	82.5	82.3	80.8	83.1	77.6	82.5
Difference between male and female life expectancies at birth (d)									
2006–08	4.7	4.3	4.8	4.7	4.6	4.6	3.9	5.8	4.5
2007–09	4.8	4.4	4.7	4.6	4.6	4.3	3.8	5.7	4.6
2008–10	4.5	4.3	4.5	4.6	4.4	4.3	4.2	5.2	4.5
2009–11	4.4	4.1	4.6	4.5	4.3	4.2	3.8	5.6	4.5
2010–12	4.3	4.0	4.5	4.7	4.4	3.9	3.9	5.3	4.4
2011–13	4.3	4.0	4.5	4.5	4.3	3.8	3.3	4.3	4.2
2012–14	4.2	3.6	4.3	4.4	4.2	3.7	3.8	3.5	4.1
2013–15	4.2	3.6	4.3	4.5	4.1	3.9	4.1	2.8	4.1
2014–16	4.2	3.5	4.4	4.5	4.1	4.1	3.9	3.1	4.2

Table EA.29 **All Australians average life expectancy at birth (years) (a), (b)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (c)
2015–17	4.3	3.7	4.4	4.6	4.2	4.2	4.1	3.5	4.1

(a) Life expectancy is calculated using three years of data.

(b) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 3302.0.55.001).

(c) Data for Australia include Other territories.

(d) Differences are based on unrounded estimates.

Source: ABS 2018 and previous years, *Life Tables, Australia, States and Territories, 2015-2017*, various years (Cat. no. 3302.0.55.001).

Table EA.30 **Estimated life expectancies at birth, by Indigenous status and sex (years) (a), (b), (c), (d)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Australia — for comparison* (e), (f)	*Australia — Headline estimates* (f), (g), (h)
2005–07										
Aboriginal and Torres Strait Islander people										
Life expectancy at birth										
Males	68.3	na	67.1	64.5	na	na	na	61.5	65.7	67.5
Females	74.0	na	72.7	70.0	na	na	na	69.4	71.7	73.1
Persons (c)	71.1	na	69.8	67.2	na	na	na	65.3	68.6	70.2
Upper and lower 95 per cent confidence intervals (j), (k)										
Males	66.3–70.3	na	65.6–68.6	62.9–66.1	na	na	na	60.1–62.9	64.3–67.1	66.1–68.9
Females	72.3–75.7	na	71.4–74	68.5–71.5	na	na	na	68.1–70.7	70.5–72.9	71.9–74.3
Non-Indigenous Australians										
Life expectancy at birth										
Males	78.8	na	78.8	79.2	na	na	na	75.5	78.9	78.9
Females	82.6	na	82.7	82.9	na	na	na	81.0	82.7	82.6
Persons (c)	80.7	na	80.7	81.0	na	na	na	78.1	80.7	80.7
Difference between Aboriginal and Torres Strait Islander and non-Indigenous Australians (i)										
Males	10.5	na	11.8	14.7	na	na	na	14.0	13.2	11.4
Females	8.6	na	10.0	12.9	na	na	na	11.6	11.0	9.6
Persons (c)	9.6	na	10.9	13.8	na	na	na	12.8	12.1	10.5
2010–12										
Aboriginal and Torres Strait Islander people										
Life expectancy at birth										
Males	70.5	na	68.7	65.0	na	na	na	63.4	67.4	69.1
Females	74.6	na	74.4	70.2	na	na	na	68.7	72.3	73.7
Persons (c)	72.5	na	71.5	67.5	na	na	na	66.0	69.8	71.3

Table EA.30 **Estimated life expectancies at birth, by Indigenous status and sex (years) (a), (b), (c), (d)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Australia — for comparison* (e), (f)	*Australia — Headline estimates* (f), (g), (h)
Upper and lower 95 per cent confidence intervals (j), (k)										
Males	69–72	na	67.3–70.1	63.4–66.6	na	na	na	61.3–65.5	66.1–68.7	67.8–70.4
Females	73.3–75.9	na	73.2–75.6	68.8–71.6	na	na	na	66.8–70.6	71.2–73.4	72.5–74.9
Non-Indigenous Australians										
Life expectancy at birth										
Males	79.8	na	79.4	80.1	na	na	na	77.8	79.8	79.7
Females	83.1	na	83.0	83.7	na	na	na	83.1	83.2	83.1
Persons (c)	81.4	na	81.2	81.9	na	na	na	80.4	81.5	81.4
Difference between Aboriginal and Torres Strait Islander and non-Indigenous Australians (i)										
Males	9.3	na	10.8	15.1	na	na	na	14.4	12.4	10.6
Females	8.5	na	8.6	13.5	na	na	na	14.4	10.9	9.4
Persons (c)	8.9	na	9.7	14.3	na	na	na	14.4	11.7	10.1
2015–17										
Aboriginal and Torres Strait Islander people										
Life expectancy at birth										
Males	70.9	na	72.0	66.9	na	na	na	66.6	70.0	71.6
Females	75.9	na	76.4	71.8	na	na	na	69.9	74.4	75.6
Persons (c)	na	na	na	na	na	na	na	na	na	na
Upper and lower 95 per cent confidence intervals (j), (k)										
Males	68.8–73.0	na	70.3–73.7	65.0–68.8	na	na	na	65.4–67.8	68.8–71.1	70.0–73.2
Females	74.3–77.6	na	75.0–77.9	70.1–73.5	na	na	na	68.8–70.9	73.5–75.4	74.3–76.9
Non-Indigenous Australians										
Life expectancy at birth										
Males	80.2	na	79.8	80.3	na	na	na	78.1	80.2	80.2
Females	83.5	na	83.2	83.8	na	na	na	82.7	83.5	83.4

Table EA.30 **Estimated life expectancies at birth, by Indigenous status and sex (years) (a), (b), (c), (d)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Australia — for comparison* (e), (f)	*Australia — Headline estimates* (f), (g), (h)
Persons (c)	na	na	na	na	na	na	na	na	na	na
Difference between Aboriginal and Torres Strait Islander and non-Indigenous Australians (i)										
Males	9.3	na	7.8	13.4	na	na	na	11.5	10.2	8.6
Females	7.6	na	6.8	12.0	na	na	na	12.8	9.1	7.8
Persons (c)	na	na	na	na	na	na	na	na	na	na

(a) Estimates of life expectancy for Aboriginal and Torres Strait Islander people are not produced for Victoria, SA, Tasmania or the ACT due to the small number of Aboriginal and Torres Strait Islander deaths reported in these jurisdictions.

(b) Care should be taken in comparing life expectancy data by Indigenous status over time as Indigenous status is determined by self-identification and can vary from one Census to another.

(c) Life tables are constructed separately for males and females. Life expectancy estimates for Persons are a weighted combination of male and female life expectancies.

(d) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. nos. 3302.0.55.003 and 3101.0).

(e) These life expectancy estimates area calculated without taking age-specific identification rates into account.

(f) Australian totals include all states and territories (including other territories).

(g) These life expectancy estimates area calculated taking age-specific identification rates into account.

(h) Headline estimates for Australia for 2010–2012 are calculated using an improved methodology (taking into account age-specific identification rates) that could not be applied at state/territory level. Therefore, these data should not be compared with data for any State or Territory. The statistical impact of the improved methodology as well as the improved collection of Indigenous status in the 2011 Post Enumeration Survey were also applied to provide Headline estimates for Australia for 2005--2007 data, to enable comparison over time.

(i) Differences are based on unrounded estimates.

(j) The "upper and lower 95 per cent confidence interval" for "persons" is not available.

(k) Sensitivity to assumptions, including sample error. For more information see: Appendix 1: Confidence Intervals in: Life tables for Aboriginal and Torres Strait Islander Australians, 2015-2017 (cat. no. 3302.0.55.003).

na Not available.

Source: ABS 2018, *Life Tables for Aboriginal and Torres Strait Islander Australians, 2015–2017* , Cat. no. 3302.0.55.003; ABS unpublished, *Australian Demographic Statistics* , Cat. no. 3101.0.

Table EA.31 **Age standardised mortality rate (all causes), by State and Territory (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld* (d), (e)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (f), (g)
2008										
Rate	per 100 000 population	607.9	592.6	638.0	596.8	606.8	688.5	578.0	950.3	612.4
	variability band ±	5.4	6.2	7.6	10.4	10.8	21.0	27.8	70.5	3.2
2009										
Rate	per 100 000 population	569.7	577.4	595.9	568.9	587.9	671.0	540.2	824.6	582.0
	variability band ±	5.2	6.0	7.2	10.0	10.5	20.5	26.4	64.3	3.1
2010										
Rate	per 100 000 population	562.6	557.8	589.8	556.0	593.9	664.6	528.8	818.4	572.5
	variability band ±	5.1	5.8	7.1	9.7	10.4	20.2	25.6	63.2	3.0
2011										
Rate	per 100 000 population	576.4	555.8	581.0	535.6	566.6	642.4	513.1	795.0	570.0
	variability band ±	5.1	5.8	6.9	9.4	10.1	19.6	24.7	62.1	2.9
2012										
Rate	per 100 000 population	544.5	524.7	580.7	538.9	572.4	658.3	494.9	769.2	552.3
	variability band ±	4.9	5.5	6.8	9.2	10.0	19.6	23.8	56.7	2.9
2013										
Rate	per 100 000 population	543.6	512.1	554.9	522.6	547.8	649.0	474.8	831.9	540.0
	variability band ±	4.8	5.4	6.6	8.9	9.7	19.4	22.8	58.1	2.8
2014										
Rate	per 100 000 population	547.4	529.2	551.9	518.9	553.2	639.5	487.8	807.9	545.0
	variability band ±	4.8	5.4	6.4	8.7	9.7	19.1	22.7	54.4	2.8
2015										
Rate	per 100 000 population	547.5	538.0	556.0	525.8	559.2	642.2	481.9	797.7	549.3
	variability band ±	4.7	5.4	6.4	8.6	9.7	18.8	22.2	52.9	2.7

Table EA.31 **Age standardised mortality rate (all causes), by State and Territory (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld* (d), (e)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (f), (g)
2016										
Rate	per 100 000 population	534.8	522.5	536.4	522.7	534.1	627.8	464.0	698.4	533.6
	variability band ±	4.6	5.2	6.2	8.5	9.3	18.6	21.4	48.1	2.7
2017										
Rate	per 100 000 population	518.0	503.1	553.0	510.2	555.3	633.3	568.8	708.9	528.4
	variability band ±	4.5	5.0	6.2	8.4	9.5	18.4	23.3	47.8	2.6

(a) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001. Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(b) Deaths prior to 2007 are by year of registration and State and Territory of usual residence. Deaths from 2007 onwards are by reference year and State and Territory of usual residence. Registration year prior to 2007 is equivalent to reference year from 2007 onwards.

(c) From 2016, deaths with not stated age have not been prorated and have been excluded from analysis.

(d) Care should be taken when interpreting deaths data for Queensland for 2010 as they are affected by recent changes in the timeliness of birth and death registrations. Queensland deaths data for 2010 have been adjusted to minimise the impact of late registration of deaths on mortality indicators.

(e) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(f) Includes Other Territories.

(g) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components.

Source : ABS (unpublished) *Deaths, Australia* , Cat. no. 3302.0; ABS 2016, *Australian Demographic Statistics* , Cat. no. 3101.0.

Table EA.32 **Age standardised all-cause mortality rate and rate ratios, by Indigenous status, NSW, Qld, WA, SA, NT (per 100 000 people) (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Vic*	*Qld* (j)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (k)
2013										
Aboriginal and Torres Strait Islander people	rate	832.0	na	1 003.1	1 121.3	827.7	na	na	1 490.1	995.7
Variability band (l)	±	69.9	na	89.2	130.1	142.1	na	na	161.2	46.2
Other Australians	rate	574.4	na	565.6	532.4	587.6	na	na	632.4	568.5
Variability band (l)	±	5.1	na	6.8	9.3	10.3	na	na	56.6	3.5
Rate ratio (m)	no.	1.4	na	1.8	2.1	1.4	na	na	2.4	1.8
2014										
Aboriginal and Torres Strait Islander people	rate	804.5	na	872.0	1 216.5	901.8	na	na	1 629.2	982.4
Variability band (l)	±	65.9	na	81.6	134.0	155.7	na	na	166.8	44.9
Other Australians	rate	582.2	na	565.0	526.9	598.2	na	na	563.3	572.2
Variability band (l)	±	5.1	na	6.7	9.0	10.3	na	na	51.2	3.5
Rate ratio (m)	no.	1.4	na	1.5	2.3	1.5	na	na	2.9	1.7
2015										
Aboriginal and Torres Strait Islander people	rate	792.0	na	1 018.7	1 158.3	886.4	na	na	1 527.7	999.9
Variability band (l)	±	63.0	na	86.5	127.3	155.2	na	na	157.5	44.2
Other Australians	rate	584.1	na	576.5	538.5	605.1	na	na	585.4	578.8
Variability band (l)	±	5.0	na	6.7	9.0	10.3	na	na	50.9	3.4
Rate ratio (m)	no.	1.4	na	1.8	2.2	1.5	na	na	2.6	1.7
2016 (n)										
Aboriginal and Torres Strait Islander people	rate	798.4	na	1 098.5	1 251.6	866.4	na	na	1 209.7	999.0

Table EA.32 **Age standardised all-cause mortality rate and rate ratios, by Indigenous status, NSW, Qld, WA, SA, NT (per 100 000 people) (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Vic*	*Qld* (j)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (k)
Variability band (l)	±	62.0	na	88.8	128.9	148.3	na	na	136.8	43.4
Other Australians	rate	568.0	na	550.9	534.6	580.2	na	na	532.9	560.4
Variability band (l)	±	4.9	na	6.4	8.8	10.0	na	na	46.3	3.3
Rate ratio (m)	no.	1.4	na	2.0	2.3	1.5	na	na	2.3	1.8
2017										
Aboriginal and Torres Strait Islander people	rate	783.0	na	1 051.9	1 106.9	1 030.4	na	na	1 252.5	976.0
Variability band (l)	±	60.2	na	84.5	117.7	154.0	na	na	131.6	41.6
Other Australians	rate	547.8	na	570.5	520.8	597.9	na	na	527.8	556.4
Variability band (l)	±	4.8	na	6.4	8.7	10.1	na	na	45.9	3.3
Rate ratio (m)	no.	1.4	na	1.8	2.1	1.7	na	na	2.4	1.8

(a) Age standardised death rates (SDRs) enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001. SDRs are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age groups to 75 years and over.

(b) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Indigenous. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(c) Data are reported individually by jurisdiction of usual residence for NSW, Queensland, WA, SA and the NT only. These 5 states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(d) Aboriginal and Torres Strait Islander and non-Indigenous population estimates are available for Census years only. In the intervening years, Aboriginal and Torres Strait Islander population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the Aboriginal and Torres Strait Islander population estimates/projections from the total population. In the present table, non-Indigenous population estimates have been derived by subtracting the 2011 Census-based Indigenous population estimates/projections from the 2011 Census-based total persons Estimated Resident Population (ERP). Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases. Total population estimates for 2017 onwards, used in the calculation of non-Indigenous comparison rates, are first release preliminary estimates.

Table EA.32 **Age standardised all-cause mortality rate and rate ratios, by Indigenous status, NSW, Qld, WA, SA, NT (per 100 000 people) (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Vic*	*Qld* (j)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (k)

(e) A derived Estimated Resident Population (ERP) based on the 2011 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2011 Census (3238.0) from the total population ERP. Population figures from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2001 to 2026 (cat. no. 3238.0) (based on the 2011 Census) are used to calculate Aboriginal and Torres Strait Islander rates.

(f) From 2016, deaths with not stated aged have not been prorated and have been excluded from analysis.

(g) Deaths prior to 2007 are by year of registration and state/territory of usual residence. Deaths from 2007 onwards are by reference year and state/territory of usual residence. Registration year prior to 2007 is equivalent to reference year from 2007 onwards.

(h) Some totals and figures may not compute due to the effects of using different denominators and of rounding.

(i) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components. Cells with 0 values have not been affected by confidentialisation. For more information data quality statements are available on the AIHW website along with the METeOR data specifications

(j) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(k) Total includes data for NSW, Qld, WA, SA and the NT only.

(l) Variability bands can be used for comparisons within jurisdictions (for cause of death or over time), but not between jurisdictions or between jurisdictions and totals.

(m) Rate ratio is the age standardised rate for Aboriginal and Torres Strait Islander people divided by the non-Indigenous rate.

(n) From 2016, deaths with not stated age have not been prorated and have been excluded from analysis.

na Not available.

Source: ABS (unpublished) *Deaths, Australia*, various years; ABS (unpublished) *Estimated Resident Population*, various years; ABS (2014) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2001–2026*, B Series, Cat. no. 3238.0.

Table EA.33 **Infant mortality (a), (b), (c), (d), (e), (f)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	ACT	*NT*	*Aust* (g)
2008									
Number of deaths	412	264	308	108	59	26	24	24	1 226
Rate per 1000 live births	4.1	3.7	4.9	3.4	2.9	3.8	5.0	6.1	4.1
2009									
Number of deaths	387	278	356	99	73	24	17	27	1 261
Rate per 1000 live births	3.9	3.9	5.4	3.2	3.7	3.6	3.5	7.1	4.2
2010									
Number of deaths	390	230	347	113	76	26	19	28	1 229
Rate per 1000 live births	3.9	3.3	5.4	3.6	3.8	4.1	3.7	7.2	4.1
2011									
Number of deaths	372	251	294	96	52	30	15	30	1 140
Rate per 1000 live births	3.8	3.5	4.6	3.0	2.6	4.5	2.9	7.6	3.8
2012									
Number of deaths	312	219	281	83	65	22	16	33	1 031
Rate per 1000 live births	3.2	2.8	4.4	2.5	3.2	3.6	2.9	8.0	3.3
2013									
Number of deaths	372	216	289	84	65	22	16	30	1 094
Rate per 1000 live births	3.7	2.9	4.6	2.4	3.2	3.6	2.9	7.4	3.6
2014									
Number of deaths	318	209	278	90	52	31	13	21	1 012
Rate per 1000 live births	3.5	2.8	4.4	2.5	2.6	5.2	2.3	5.2	3.4
2015									
Number of deaths	335	177	258	87	61	21	21	30	991
Rate per 1000 live births	3.3	2.4	4.2	2.5	3.1	3.7	3.8	7.5	3.2
2016									
Number of deaths	260	220	248	109	62	27	16	27	970
Rate per 1000 live births	2.7	2.7	4.0	3.1	3.1	4.5	3.1	6.9	3.1
2017									
Number of deaths	277	263	261	92	54	21	17	33	1 019
Rate per 1000 live births	2.9	3.2	4.3	2.7	2.8	3.7	2.7	8.5	3.3

(a) Includes all deaths within the first year of life.

(b) Data are based on year of registration for the number of deaths and for the number of live births from which rates are derived. Note that the terms registration year in the Deaths collection and reference year in the Causes of Death collection have the same meaning.

(c) Some totals and figures may not compute due to rounding.

(d) Small numbers of registered deaths can lead to volatility in death rates.

Table EA.33 **Infant mortality (a), (b), (c), (d), (e), (f)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	ACT	*NT*	*Aust* (g)

(e) Comparison of numbers of stillbirths recorded in the ABS Death Registrations collection and the National Perinatal Data Collection (NPDC) over the last 13 years shows that for all of Australia a large number of stillbirths have not been included in data submitted to the ABS compared with those reported to the NPDC (an average of 79 per cent of stillbirths included in the NPDC were included in ABS reports) (see https://www.health.qld.gov.au/__data/assets/pdf_file/0031/671584/info-sheet1.pdf). This gap between sources varies by jurisdiction.

(f) There are differences between legislative definitions of stillbirths and data collection practices across jurisdictions that may impact on numbers reported to the ABS and this affects comparability of stillbirth and perinatal mortality rates across jurisdictions.

(g) Data for Australia include Other Territories. Deaths registered on Norfolk Island from 1 July 2016 are included in this table for the first time.

Source : ABS 2018, *Deaths, Australia, 2017* , Cat. no. 3302.0, Canberra.

Table EA.34 **Infant mortality rate by Indigenous status, three year average (per 1000 live births) (a), (b), (c), (d), (e), (f), (g)**

	NSW (h)	*Vic* (e)	*Qld* (i)	*WA*	*SA*	*Tas* (e)	*ACT* (e)	*NT*	*Total* (j)
Aboriginal and Torres Strait Islander infants									
2006–08	6.7	na	9.5	10.6	7.2	na	na	15.3	na
2007–09	6.3	na	8.3	9.0	7.2	na	na	13.8	8.3
2008–10	5.2	na	8.1	8.1	5.7	na	na	12.4	7.5
2009–11	4.5	na	8.2	7.3	5.5	na	na	12.2	7.0
2010–12	3.9	na	8.0	7.1	5.4	na	na	12.7	6.8
2011–13	3.9	na	7.3	6.2	6.6	na	na	13.4	6.5
2012–14	4.0	na	6.6	5.6	7.2	na	na	13.3	6.2
2013–15	4.3	na	6.7	5.3	7.0	na	na	13.0	6.2
2014–16	4.6	na	6.6	5.7	5.8	na	na	13.1	6.2
2015–17	4.5	na	6.7	6.1	4.9	na	na	13.6	6.3
Other infants									
2006–08	4.3	na	4.7	3.5	3.7	na	na	4.2	na
2007–09	4.1	na	4.7	3.1	3.6	na	na	4.0	4.1
2008–10	4.0	na	4.7	3.0	3.4	na	na	3.8	4.0
2009–11	3.9	na	4.7	2.9	3.4	na	na	3.7	4.0
2010–12	3.7	na	4.6	2.9	3.2	na	na	3.7	3.8
2011–13	3.6	na	4.4	2.7	3.0	na	na	3.8	3.6
2012–14	3.5	na	4.2	2.4	2.8	na	na	3.8	3.4
2013–15	3.4	na	4.1	2.1	2.7	na	na	3.7	3.3
2014–16	3.3	na	4.0	2.1	2.8	na	na	3.2	3.3
2015–17	3.1	na	3.9	2.1	2.9	na	na	3.4	3.2

(a) Includes deaths within the first year of life.

(b) Deaths where Indigenous status was not stated are excluded. As a result, infant death rates by Indigenous status may be underestimated.

(c) Data based on year of registration of death (also called reference year).

(d) Data are presented in three-year groupings to reduce volatility stemming from the small numbers of registered Aboriginal and Torres Strait Islander infant deaths.

(e) Data are not available for Victoria, Tasmania or the ACT due to small numbers of registered Aboriginal and Torres Strait Islander infant deaths.

(f) Comparison of numbers of stillbirths recorded in the ABS Death Registrations collection and the National Perinatal Data Collection (NPDC) over the last 13 years shows that for all of Australia a large number of stillbirths have not been included in data submitted to the ABS compared with those reported to the NPDC (an average of 79 per cent of stillbirths included in the NPDC were included in ABS reports) (see https://www.health.qld.gov.au/__data/assets/pdf_file/0031/671584/info-sheet1.pdf). This gap between sources varies by jurisdiction.

(g) There are differences between legislative definitions of stillbirths and data collection practices across jurisdictions that may impact on numbers reported to the ABS and this affects comparability of stillbirth and perinatal mortality rates across jurisdictions.

Table EA.34 **Infant mortality rate by Indigenous status, three year average (per 1000 live births) (a), (b), (c), (d), (e), (f), (g)**

	NSW (h)	*Vic* (e)	*Qld* (i)	*WA*	*SA*	*Tas* (e)	*ACT* (e)	*NT*	*Total* (j)

(h) NSW data have been revised to include previously unprocessed NSW Birth Registrations for the period 2006–2010.

(i) Care should be taken when interpreting deaths data for Queensland for 2010 as they are affected by recent changes in the timeliness of birth and death registrations. Queensland deaths data for 2010 have been adjusted to minimise the impact of late registrations of deaths on mortality indicators.

(j) Total includes data for NSW, Queensland, WA, SA and the NT only. These 5 states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

na Not available.

Source: Derived from ABS 2018, *Deaths, Australia, 2017*, Cat. no. 3302.0, Canberra.

Table EA.35 **All causes infant and child mortality, by age group (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW* (i)	*Vic*	*Qld* (j)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (k)
Infants (<1 year) (l)										
2007–09										
Number of deaths	no.	1 186	812	972	278	220	78	59	84	3 690
Rate per 1000 live births	rate	4.3	3.8	5.1	3.0	3.7	3.9	4.1	7.2	4.2
2008–10										
Number of deaths	no.	1 189	772	1 011	320	208	76	60	79	3 716
Rate per 1000 live births	rate	4.0	3.6	5.1	3.5	3.5	3.8	4.1	6.9	4.1
2009–11										
Number of deaths	no.	1 149	759	997	308	201	80	51	85	3 630
Rate per 1000 live births	rate	3.8	3.6	5.2	3.3	3.3	4.2	3.3	7.3	4.0
2010–12										
Number of deaths	no.	1 074	700	903	292	193	78	50	91	3 381
Rate per 1000 live births	rate	3.6	3.3	4.8	3.0	3.2	3.9	3.3	7.7	3.7
2011–13										
Number of deaths	no.	1 056	686	864	263	182	74	47	93	3 265
Rate per 1000 live births		3.6	3.0	4.5	2.6	3.0	4.0	2.9	7.6	3.5
2012–14	rate									
Number of deaths	no.	1 002	644	848	257	182	75	45	84	3 137
Rate per 1000 live births	rate	3.3	2.9	4.5	2.5	3.0	4.1	2.7	6.9	3.4
2013–15										
Number of deaths	no.	1 025	602	825	261	178	74	50	81	3 097
Rate per 1000 live births	rate	3.8	2.7	4.4	2.5	2.9	4.2	3.0	6.7	3.4
2014–16										
Number of deaths	no.	913	606	784	286	175	79	50	78	2 973

Table EA.35 **All causes infant and child mortality, by age group (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW* (i)	*Vic*	*Qld* (j)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (k)
Rate per 1000 live births	rate	3.0	2.7	4.2	2.7	3.0	4.6	3.0	6.5	3.2
2015–17										
Number of deaths	no.	872	660	767	288	177	69	54	90	2 980
Rate per 1000 live births	rate	3.0	2.7	4.1	2.7	3.0	3.9	3.5	7.6	3.2
Child (0–4 years) (m), (n), (o)										
2007–09										
Number of deaths	no.	204	955	1 146	346	271	94	71	104	4 378
Rate per 100 000 population	rate	104.1	95.0	132.1	80.9	96.3	97.7	105.9	191.9	105.9
2008–10										
Number of deaths	no.	1 386	919	1 150	398	258	94	71	100	4 377
Rate per 100 000 population	rate	101.9	88.7	126.2	88.9	89.4	94.4	102.8	180.5	102.6
2009–11										
Number of deaths	no.	1 346	901	1 124	383	249	96	58	103	4 260
Rate per 100 000 population	rate	97.7	85.4	120.8	82.9	84.3	95.6	80.6	184.0	97.9
2010–12										
Number of deaths	no.	1 254	834	1 046	370	238	91	60	110	4 003
Rate per 100 000 population	rate	88.3	79.0	114.6	78.9	81.4	95.3	82.9	198.3	91.5
2011–13										
Number of deaths	no.	1 234	809	1 013	341	234	83	57	115	3 886
Rate per 100 000 population	rate	86.0	74.9	108.9	70.0	78.9	87.5	75.8	204.5	87.2
2012–14										
Number of deaths	no.	1 170	760	991	334	228	88	57	108	3 735
Rate per 100 000 population	rate	80.8	68.9	105.1	66.5	76.0	93.6	73.1	189.2	82.5
2013–15										

Table EA.35 **All causes infant and child mortality, by age group (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW* (i)	*Vic*	*Qld* (j)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (k)
Number of deaths	no.	1 202	731	967	333	226	85	58	100	3 702
Rate per 100 000 population	rate	82.0	65.1	101.6	64.8	74.8	91.4	72.3	174.2	80.7
2014–16										
Number of deaths	no.	1 093	735	928	339	215	90	57	94	3 553
Rate per 100 000 population	rate	74.2	63.9	97.2	65.1	70.8	97.5	69.6	164.0	76.7
2015–17										
Number of deaths	no.	1 051	787	921	346	220	77	61	105	3 571
Rate per 100 000 population	rate	70.9	66.6	96.4	66.3	72.2	84.5	73.2	183.1	76.3

(a) State or Territory of usual residence.

(b) Data are presented in three-year groupings due to volatility of the small numbers involved.

(c) Data based on year of registration of death (also called reference year).

(d) Deaths prior to 2007 are by year of registration and state/territory of usual residence. Deaths from 2007 onwards are by reference year and state/territory of usual residence. Registration year prior to 2007 is equivalent to reference year from 2007 onwards.

(e) Some totals and figures may not compute due to the effects of using different denominators and of rounding.

(f) Comparison of numbers of stillbirths recorded in the ABS Death Registrations collection and the National Perinatal Data Collection (NPDC) over the last 13 years shows that for all of Australia a large number of stillbirths have not been included in data submitted to the ABS compared with those reported to the NPDC (an average of 79 per cent of stillbirths included in the NPDC were included in ABS reports) (see https://www.health.qld.gov.au/__data/assets/pdf_file/0031/671584/info-sheet1.pdf). This gap between sources varies by jurisdiction.

(g) There are differences between legislative definitions of stillbirths and data collection practices across jurisdictions that may impact on numbers reported to the ABS and this affects comparability of stillbirth and perinatal mortality rates across jurisdictions.

(h) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 3101.0).

(i) Temporary processing delays contributed to the low number of births registered in NSW for 2014.

(j) Care should be taken when interpreting deaths data for Queensland as they are affected by recent changes in the timeliness of birth and death registrations. Queensland deaths data for 2010 have been adjusted to minimise the impact of late registrations of deaths on mortality indicators. Subsequent years have not been affected. From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

Table EA.35 **All causes infant and child mortality, by age group (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW* (i)	*Vic*	*Qld* (j)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (k)

(k) Data for Australia include Other Territories. Deaths registered on Norfolk Island from 1 July 2016 are included in this table.

(l) Includes all deaths within the first year of life. Rates represent the number of deaths per 1000 live births.

(m) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components. Cells with zero values have not been affected by confidentialisation.

(n) For child deaths (0–4 years), rates represent the number of deaths per 100 000 ERP (0–4 years). Child death rates for each period are the average of death registrations, divided by the average population. Rates for data to 2010–2012 are derived using ERPs based on the 2006 Census. Rates for data from 2011–2013 are derived using ERPs based on the 2011 Census. Rates derived using estimates based on different Censuses are not comparable.

(o) From 2016, deaths with not stated age have not been prorated and have been excluded from analysis.

Source : ABS (unpublished) *Deaths, Australia* ; ABS unpublished, *Births, Australia* ; ABS (unpublished) *Australian Demographic Statistics* , Cat. no. 3101.0.

Table EA.36 **All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

	Unit	*NSW* (n)	*Vic*	*Qld* (o)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (p)
2007–11										
Infants (<1 year)										
Number of deaths										
Aboriginal and Torres Strait Islander infants	no.	128	na	182	89	28	na	na	99	526
Other infants	no.	1 795	na	1 355	386	311	na	na	43	3 890
Rate (q)										
Aboriginal and Torres Strait Islander infants	per 1000 live births	6.2	na	7.0	7.4	6.3	na	na	13.0	7.4
Other infants	per 1000 live births	4.1	na	4.5	2.8	3.4	na	na	3.8	3.9
Rate ratio (r)		1.5	na	1.6	2.6	1.9	na	na	3.4	1.9
Child (0–4 years)										
Number of deaths										
Aboriginal and Torres Strait Islander children	no.	158	na	218	108	34	na	na	120	638
Other children	no.	2 097	na	1 568	482	384	na	na	53	4 584
Rate (s)										
Aboriginal and Torres Strait Islander children	per 100 000 population	155.8	na	216.4	249.7	197.1	na	na	311.9	211.9
Other children	per 100 000 population	96.9	na	110.6	68.5	82.8	na	na	98.5	95.4
Rate ratio (r)		1.6	na	2.0	3.6	2.4	na	na	3.2	2.2

Table EA.36 **All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

	Unit	*NSW* (n)	*Vic*	*Qld* (o)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (p)
2008–12										
Infants (<1 year)										
Number of deaths										
Aboriginal and Torres Strait Islander infants	no.	103	na	182	85	26	na	na	97	493
Other infants	no.	1 745	na	1 320	396	290	na	na	45	3 796
Rate (q)										
Aboriginal and Torres Strait Islander infants	per 1000 live births	3.6	na	6.9	7.3	5.5	na	na	12.5	6.2
Other infants	per 1000 live births	3.7	na	4.5	2.8	3.1	na	na	3.8	3.7
Rate ratio (r)		1.0	na	1.5	2.6	1.8	na	na	3.2	1.7
Child (0–4 years)										
Number of deaths										
Aboriginal and Torres Strait Islander children	no.	130	na	217	110	31	na	na	122	627
Other children	no.	2 019	na	1 537	491	364	na	na	55	4 475
Rate (s)										
Aboriginal and Torres Strait Islander children	per 100 000 population	124.3	na	210.8	249.7	175.3	na	na	311.0	203.3
Other children	per 100 000 population	92.1	na	106.1	109.5	48.4	na	na	101.7	91.4
Rate ratio (r)		1.4	na	2.0	2.3	3.6	na	na	3.1	2.2

Table EA.36 **All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

	Unit	*NSW* (n)	*Vic*	*Qld* (o)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (p)
2009–13										
Infants (<1 year)										
Number of deaths										
Aboriginal and Torres Strait Islander infants	no.	109	na	189	72	32	na	na	100	502
Other infants	no.	1 697	na	1 300	378	291	na	na	48	3 714
Rate (q)										
Aboriginal and Torres Strait Islander infants	per 1000 live births	3.9	na	7.2	5.7	6.8	na	na	13.0	6.3
Other infants	per 1000 live births	3.6	na	4.5	2.6	3.1	na	na	4.0	3.7
Rate ratio (r)		1.1	na	1.6	2.2	2.2	na	na	3.2	1.7
Child (0–4 years)										
Number of deaths										
Aboriginal and Torres Strait Islander children	no.	134	na	227	98	38	na	na	124	621
Other children	no.	1 976	na	1 506	479	365	na	na	58	4 384
Rate (s)										
Aboriginal and Torres Strait Islander children	per 100 000 population	102.9	na	182.5	186.5	169.8	na	na	330.2	169.1
Other children	per 100 000 population	88.0	na	106.9	65.0	78.1	na	na	103.5	89.2
Rate ratio (r)		1.2	na	1.7	2.9	2.2	na	na	3.2	1.9

Table EA.36 **All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

	Unit	*NSW* (n)	*Vic*	*Qld* (o)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (p)
2010–14										
Infants (<1 year)										
Number of deaths										
Aboriginal and Torres Strait Islander infants	no.	121	na	174	81	31	na	na	98	505
Other infants	no.	1 625	na	1 243	357	271	na	na	44	3 540
Rate (q)										
Aboriginal and Torres Strait Islander infants	per 1000 live births	4.4	na	6.2	6.1	7.0	na	na	12.4	6.2
Other infants	per 1000 live births	3.5	na	4.3	2.4	2.8	na	na	3.5	3.5
Rate ratio (r)		1.3	na	1.4	2.6	2.5	na	na	3.5	1.8
Child (0–4 years)										
Number of deaths										
Aboriginal and Torres Strait Islander children	no.	147	na	202	103	37	na	na	121	611
Other children	no.	1 895	na	1 442	459	338	na	na	54	4 188
Rate (s)										
Aboriginal and Torres Strait Islander children	per 100 000 population	112.7	na	160.7	197.7	164.4	na	na	329.2	166.0
Other children	per 100 000 population	83.7	na	101.2	60.4	71.6	na	na	94.3	84.1
Rate ratio (r)		1.3	na	1.6	3.3	2.3	na	na	3.5	2.0

Table EA.36 **All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

	Unit	*NSW* (n)	*Vic*	*Qld* (o)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (p)
2011–2015										
Infants (<1 year)										
Number of deaths										
Aboriginal and Torres Strait Islander infants	no.	118	na	175	77	31	na	na	99	500
Other infants	no.	1 581	na	1 183	327	257	na	na	45	3 393
Rate (q)										
Aboriginal and Torres Strait Islander infants	per 1000 live births	4.0	na	6.7	5.6	6.5	na	na	13.8	6.1
Other infants	per 1000 live births	3.3	na	4.1	2.1	2.7	na	na	3.4	3.3
Rate ratio (r)		1.2	na	1.6	2.7	2.4	na	na	4.0	1.9
Child (0–4 years)										
Number of deaths										
Aboriginal and Torres Strait Islander children	no.	145	na	207	98	38	na	na	121	610
Other children	no.	1 838	na	1 395	419	327	na	na	54	4 033
Rate (s)										
Aboriginal and Torres Strait Islander children	per 100 000 population	110.5	na	162.7	188.9	167.3	na	na	332.9	164.9
Other children	per 100 000 population	80.6	na	97.0	53.7	68.7	na	na	93.2	80.1
Rate ratio (r)		1.4	na	1.7	3.5	2.4	na	na	3.6	2.1

Table EA.36 **All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

	Unit	*NSW* (n)	*Vic*	*Qld* (o)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (p)
2012–16										
Infants (<1 year)										
Number of deaths										
Aboriginal and Torres Strait Islander infants	no.	122	na	168	76	29	na	na	98	493
Other infants	no.	1 463	na	1 149	337	271	na	na	43	3 263
Rate (q)										
Aboriginal and Torres Strait Islander infants	per 1000 live births	4.8	na	6.3	5.4	6.1	na	na	13.4	6.3
Other infants	per 1000 live births	3.4	na	4.0	2.1	2.8	na	na	3.4	3.3
Rate ratio (r)		1.4	na	1.6	2.6	2.2	na	na	4.0	1.9
Child (0–4 years)										
Number of deaths										
Aboriginal and Torres Strait Islander children	no.	146	na	196	99	36	na	na	121	598
Other children	no.	1 729	na	1 368	420	336	na	na	51	3 904
Rate (s)										
Aboriginal and Torres Strait Islander children	per 100 000 population	110.0	na	151.4	189.4	155.9	na	na	331.7	159.9
Other children	per 100 000 population	75.1	na	94.3	52.6	70.0	na	na	87.1	76.7
Rate ratio (r)		1.5	na	1.6	3.6	2.2	na	na	3.8	2.1

Table EA.36 **All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

	Unit	*NSW* (n)	*Vic*	*Qld* (o)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (p)
2013–17										
Infants (<1 year)										
Number of deaths										
Aboriginal and Torres Strait Islander infants	no.	135	na	187	86	26	na	na	91	525
Other infants	no.	1 412	na	1 125	339	264	na	na	50	3 190
Rate (q)										
Aboriginal and Torres Strait Islander infants	per 1000 live births	4.4	na	7.2	5.8	5.3	na	na	13.4	6.3
Other infants	per 1000 live births	3.0	na	4.0	2.2	2.9	na	na	3.8	3.1
Rate ratio (r)		1.5	na	1.8	2.7	1.9	na	na	3.6	2.0
Child (0–4 years)										
Number of deaths										
Aboriginal and Torres Strait Islander children	no.	157	na	213	105	35	na	na	112	622
Other children	no.	1 686	na	1 338	425	327	na	na	58	3 834
Rate (s)										
Aboriginal and Torres Strait Islander children	per 100 000 population	116.0	na	161.1	198.1	149.3	na	na	305.3	163.4
Other children	per 100 000 population	72.7	na	91.9	52.5	67.8	na	na	98.7	74.8
Rate ratio (s)		1.6	na	1.8	3.8	2.2	na	na	3.1	2.2

(a) Includes all deaths within the first year of life.

(b) Includes all deaths of persons aged 0 to 4 years.

Table EA.36 **All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

Unit	*NSW* (n)	*Vic*	*Qld* (o)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (p)

(c) Deaths where Indigenous status was not stated are excluded. As a result, infant death rates by Indigenous status may be underestimated.

(d) Deaths prior to 2007 are by year of registration and state/territory of usual residence. Deaths from 2007 onwards are by reference year and state/territory of usual residence. Registration year prior to 2007 is equivalent to reference year from 2007 onwards.

(e) Data are presented in five-year groupings due to volatility of the small numbers involved.

(f) Some totals and figures may not compute due to the effects of using different denominators and of rounding.

(g) Indigenous and non-Indigenous population estimates are available for Census years only. In the intervening years, Indigenous population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the Indigenous population estimates/projections from the total population. In the present table, non-Indigenous population estimates have been derived by subtracting the 2011 Census-based Indigenous population estimates/projections from the 2011 Census-based total persons Estimated Resident Population (ERP). Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases. Total population estimates from 2012, used in the calculation of non-Indigenous comparison rates, are first release preliminary estimates.

(h) A derived Estimated Resident Population (ERP) based on the 2011 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2011 Census (Cat. no. 3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2001 to 2026 (Cat. no. 3238.0) (based on the 2011 Census) are used to calculate Aboriginal and Torres Strait Islander rates.

(i) From 2016, deaths with not stated age have not been prorated and have been excluded from analysis.

(j) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components. Cells with 0 values have not been affected by confidentialisation.

(k) Comparison of numbers of stillbirths recorded in the ABS Death Registrations collection and the National Perinatal Data Collection (NPDC) over the last 13 years shows that for all of Australia a large number of stillbirths have not been included in data submitted to the ABS compared with those reported to the NPDC (an average of 79 per cent of stillbirths included in the NPDC were included in ABS reports) (see https://www.health.qld.gov.au/__data/assets/pdf_file/0031/671584/info-sheet1.pdf). This gap between sources varies by jurisdiction.

(l) There are differences between legislative definitions of stillbirths and data collection practices across jurisdictions that may impact on numbers reported to the ABS and this affects comparability of stillbirth and perinatal mortality rates across jurisdictions.

(m) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 3101.0).

Table EA.36 **All causes infant and child mortality, by Indigenous status, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

Unit	*NSW* (n)	*Vic*	*Qld* (o)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (p)

(n) Temporary processing delays have contributed to the low number of births registered in NSW for 2014. In June 2014, the New South Wales Registrar of Births, Deaths and Marriages (NSW Registry) transitioned to a new data processing system which resulted in temporary processing delays. These delays caused a number of birth records received by the NSW Registry in 2014 to be processed in 2015. As a result, the total number of births registered in New South Wales in 2014 (91 074) was 9388 (9.3 per cent) less than the number registered in 2013 (100 462).
The ABS, after discussions with the NSW Registry, is confident that the delayed registrations will be accounted for in 2015. For a more complete understanding of the births occurring in NSW for 2014 users should consult Table 13 in Australian Demographic Statistics (3301.0) which provides more up to date information about births in 2014 and 2015.
Analysis by the ABS showed that the distribution of important characteristics such as sex of child, age of mother, usual residence of mother and Indigenous status in 2014 data is similar to that in 2011-2013 data.
Concerns have previously been raised with the accuracy of the NSW births counts in recent years. In response to these concerns the ABS, in conjunction with the NSW Registry of Births, Deaths and Marriages, undertook an investigation which led to the identification of an ABS systems processing error. The ABS acknowledges that this has resulted in previous undercounts of births in NSW. Data for NSW and Australia were revised to include previously unprocessed NSW birth registrations for the period 2005 to 2011.

(o) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(p) Total includes data for NSW, Qld, WA, SA and the NT only. These 5 states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(q) For infant deaths (less than one year), the rates represent the number of deaths per 1000 live births.

(r) Rate ratio is the Indigenous mortality rate divided by the non-Indigenous mortality rate.

(s) For child deaths (0–4 years), rates represent the number of deaths per 100 000 ERP (0–4 years). Child death rates for each period are the average of death registrations, divided by the average population. Child death rates based on the average number of death registrations between 2011–2015, divided by the average projected Indigenous population and the average non-Indigenous population as derived using the total Estimated Resident Population (ERP).

Source : ABS (unpublished) *Deaths, Australia* ; ABS unpublished, *Births, Australia* ; ABS (unpublished) *Australian Demographic Statistics* , Cat. no. 3101.0; ABS (2014) *Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2001–2026, Series B* , Cat. no. 3238.0.

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
2008										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	10.6	6.5	7.2	6.7	8.9	6.3	8.5	29.2	8.4
Neoplasms (cancer) (C00-D48)	rate	179.5	184.2	192.7	176.8	186.2	205.0	168.6	235.0	184.2
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	np	2.3	1.8	2.9	2.8	np	np	np	2.1
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	21.6	26.2	26.9	26.7	24.6	32.3	22.4	86.6	25.1
Mental and behavioural disorders (F00-F99)	rate	25.9	27.2	22.7	25.6	26.6	33.1	28.5	44.7	26.0
Nervous system diseases (G00-G99)	rate	22.6	25.7	25.1	30.4	28.2	26.9	34.9	24.5	25.3
Diseases of the eye and adnexa (H00-H59)	rate	np	np	np	np	np	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	–	–	np	–	np	–	–	–	np
Circulatory diseases (I00-I99)	rate	209.3	188.3	218.1	187.2	194.2	222.5	186.3	222.5	202.5
Respiratory Diseases (J00-J99)	rate	48.8	45.8	49.0	43.8	46.1	57.5	35.5	93.1	47.7
Digestive diseases (K00-K93)	rate	20.9	20.9	21.1	21.6	20.3	24.7	19.6	43.1	21.1
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	2.2	1.4	1.3	np	1.3	np	np	np	1.6
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.9	4.4	4.7	5.2	4.3	8.0	9.8	np	4.9
Kidney diseases (N00-N99)	rate	14.1	12.9	13.9	12.1	15.4	12.4	14.4	39.4	13.8
Pregnancy, childbirth and the puerperium (O00-O99)	rate	–	np	np	–	–	–	–	–	np
Conditions originating in the perinatal period (P00-P96)	rate	3.1	2.6	3.2	1.8	2.1	np	np	np	2.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	2.8	2.8	3.8	2.2	2.6	np	np	np	2.9

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	4.0	3.1	3.4	5.0	2.9	np	np	np	3.7
External causes of morbidity and mortality (V01-Y98)	rate	35.7	38.2	42.9	47.0	40.1	49.7	36.4	101.6	40.1
All causes	**rate**	**607.9**	**592.6**	**638.0**	**596.8**	**606.8**	**688.5**	**578.0**	**950.3**	**612.4**
Cause of death				*variability band (± rate per 100 000 persons)*						
Certain infectious and parasitic diseases (A00-B99)	± rate	0.7	0.7	0.8	1.1	1.3	2.0	3.4	12.1	0.4
Neoplasms (cancer) (C00-D48)	± rate	3.0	3.5	4.2	5.7	6.1	11.5	15.0	34.9	1.8
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	np	0.4	0.4	0.7	0.7	np	np	np	0.2
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	1.0	1.3	1.6	2.2	2.1	4.5	5.5	22.0	0.6
Mental and behavioural disorders (F00-F99)	± rate	1.1	1.3	1.4	2.2	2.1	4.5	6.2	17.3	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.3	1.5	2.4	2.3	4.1	6.9	11.2	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	np	np	np	np	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	–	–	np	–	np	–	–	–	np
Circulatory diseases (I00-I99)	± rate	3.1	3.4	4.4	5.8	5.9	11.7	15.9	35.8	1.8
Respiratory Diseases (J00-J99)	± rate	1.5	1.7	2.1	2.8	2.9	6.0	7.0	22.8	0.9
Digestive diseases (K00-K93)	± rate	1.0	1.2	1.4	2.0	2.0	4.0	5.1	15.1	0.6
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.3	np	0.5	np	np	np	0.2
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.5	0.5	0.6	1.0	0.9	2.2	3.6	np	0.3
Kidney diseases (N00-N99)	± rate	0.8	0.9	1.1	1.5	1.6	2.8	4.4	14.9	0.5
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	–	np	np	–	–	–	–	–	np

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Conditions originating in the perinatal period (P00-P96)	± rate	0.4	0.4	0.5	0.6	0.8	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.4	0.5	0.6	0.6	0.8	np	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.4	0.5	0.6	1.0	0.8	np	np	np	0.3
External causes of morbidity and mortality (V01-Y98)	± rate	1.4	1.6	2.0	2.9	3.0	6.2	6.6	18.2	0.8
All causes	**± rate**	**5.4**	**6.2**	**7.6**	**10.4**	**10.8**	**21.0**	**27.8**	**70.5**	**3.2**
2009										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	8.2	7.2	6.6	8.0	8.0	6.9	6.6	np	7.6
Neoplasms (cancer) (C00-D48)	rate	173.7	176.3	184.0	177.2	176.3	197.6	155.9	218.9	177.4
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	1.7	1.6	1.4	2.4	2.4	np	np	np	1.8
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	21.4	26.4	25.0	24.6	23.4	33.2	25.7	67.3	24.4
Mental and behavioural disorders (F00-F99)	rate	24.9	26.0	23.6	26.7	25.9	34.8	29.5	49.3	25.6
Nervous system diseases (G00-G99)	rate	21.6	25.0	24.3	26.8	29.2	28.1	25.7	39.2	24.3
Diseases of the eye and adnexa (H00-H59)	rate	np	np	–	np	–	–	np	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	np	–	np	np	np	–	–	–	np
Circulatory diseases (I00-I99)	rate	187.1	180.0	192.1	173.3	190.2	212.7	185.9	200.6	186.2
Respiratory Diseases (J00-J99)	rate	46.3	44.1	47.6	40.0	44.0	54.4	30.2	73.9	45.3
Digestive diseases (K00-K93)	rate	21.0	21.0	19.6	19.7	21.0	20.9	19.8	41.6	20.7
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	2.0	1.1	1.5	1.8	np	np	np	np	1.5

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.2	4.2	5.0	4.8	3.5	6.9	np	np	4.4
Kidney diseases (N00-N99)	rate	13.5	15.5	11.4	12.3	14.6	11.6	12.9	20.2	13.7
Pregnancy, childbirth and the puerperium (O00-O99)	rate	np	np	np	np	–	–	–	–	np
Conditions originating in the perinatal period (P00-P96)	rate	3.1	2.8	3.8	2.0	2.4	np	np	np	3.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	2.4	3.1	3.6	2.2	3.2	np	np	np	2.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	3.6	2.3	3.3	3.7	2.7	np	np	np	3.1
External causes of morbidity and mortality (V01-Y98)	rate	34.9	40.7	43.0	43.4	40.0	52.8	36.9	74.9	39.9
All causes	**rate**	**569.7**	**577.4**	**595.9**	**568.9**	**587.9**	**671.0**	**540.2**	**824.6**	**582.0**
Cause of death				*variability band (± rate per 100 000 persons)*						
Certain infectious and parasitic diseases (A00-B99)	± rate	0.6	0.7	0.8	1.2	1.2	2.1	2.9	np	0.4
Neoplasms (cancer) (C00-D48)	± rate	2.9	3.4	4.0	5.6	5.8	11.2	14.2	32.4	1.7
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	0.3	0.3	0.4	0.7	0.7	np	np	np	0.2
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	1.0	1.3	1.5	2.1	2.1	4.6	5.8	18.0	0.6
Mental and behavioural disorders (F00-F99)	± rate	1.0	1.2	1.4	2.2	2.1	4.5	6.2	18.6	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.3	1.5	2.2	2.3	4.2	5.8	16.2	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	np	–	np	–	–	np	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	np	–	np	np	np	–	–	–	np
Circulatory diseases (I00-I99)	± rate	2.9	3.3	4.1	5.5	5.8	11.3	15.6	33.4	1.7

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Respiratory Diseases (J00-J99)	± rate	1.5	1.7	2.1	2.7	2.8	5.8	6.4	20.3	0.9
Digestive diseases (K00-K93)	± rate	1.0	1.2	1.3	1.9	2.0	3.6	5.0	13.1	0.6
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.4	0.6	np	np	np	np	0.2
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.4	0.5	0.7	0.9	0.8	2.0	np	np	0.3
Kidney diseases (N00-N99)	± rate	0.8	1.0	1.0	1.5	1.6	2.6	4.1	10.1	0.5
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	np	np	np	np	–	–	–	–	np
Conditions originating in the perinatal period (P00-P96)	± rate	0.4	0.5	0.6	0.6	0.8	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.4	0.5	0.6	0.6	0.9	np	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.4	0.4	0.5	0.8	0.8	np	np	np	0.2
External causes of morbidity and mortality (V01-Y98)	± rate	1.3	1.7	2.0	2.7	3.0	6.3	6.5	15.0	0.8
All causes	**± rate**	**5.2**	**6.0**	**7.2**	**10.0**	**10.5**	**20.5**	**26.4**	**64.3**	**3.1**
2010 (e)										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	10.0	7.4	7.1	8.8	10.1	7.7	7.5	np	8.7
Neoplasms (cancer) (C00-D48)	rate	175.6	175.5	186.7	172.1	178.3	194.9	157.6	217.1	177.9
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	1.6	1.6	1.6	1.8	1.6	np	np	np	1.6
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	19.3	23.8	23.8	24.1	25.0	35.2	20.0	53.7	22.9
Mental and behavioural disorders (F00-F99)	rate	25.8	26.8	24.8	26.0	29.8	37.6	26.9	48.4	26.6
Nervous system diseases (G00-G99)	rate	22.5	26.3	23.0	28.3	28.7	24.8	24.0	33.5	24.7

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Diseases of the eye and adnexa (H00-H59)	rate	np	–	–	np	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	–	np	np	–	–	np	–	–	np
Circulatory diseases (I00-I99)	rate	176.4	166.8	189.1	161.7	186.1	213.0	168.7	198.5	177.0
Respiratory Diseases (J00-J99)	rate	48.6	45.2	48.7	41.6	49.1	53.9	41.4	76.5	47.4
Digestive diseases (K00-K93)	rate	19.8	21.0	21.4	20.3	18.8	23.1	16.2	41.4	20.5
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	1.9	1.5	1.3	1.0	1.5	np	np	np	1.5
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.3	4.9	5.1	4.1	3.6	7.9	np	np	4.6
Kidney diseases (N00-N99)	rate	12.4	14.0	12.4	12.5	14.5	13.3	12.9	26.8	13.1
Pregnancy, childbirth and the puerperium (O00-O99)	rate	np	np	np	np	np	–	–	np	np
Conditions originating in the perinatal period (P00-P96)	rate	2.9	2.2	3.5	2.1	2.6	np	np	np	2.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	2.7	2.7	3.0	2.2	2.2	np	np	np	2.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	4.2	1.7	4.2	2.7	3.0	np	np	np	3.3
External causes of morbidity and mortality (V01-Y98)	rate	34.6	36.3	42.6	46.7	38.8	41.0	39.9	78.9	38.8
All causes	**rate**	**562.6**	**557.8**	**589.8**	**556.0**	**593.9**	**664.6**	**528.8**	**818.4**	**572.5**
Cause of death				*variability band (± rate per 100 000 persons)*						
Certain infectious and parasitic diseases (A00-B99)	± rate	0.7	0.7	0.8	1.2	1.4	2.2	3.0	np	0.4
Neoplasms (cancer) (C00-D48)	± rate	2.9	3.3	4.0	5.4	5.8	11.0	14.1	31.9	1.7
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	0.3	0.3	0.4	0.5	0.5	np	np	np	0.2

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	0.9	1.2	1.4	2.0	2.1	4.6	5.0	15.5	0.6
Mental and behavioural disorders (F00-F99)	± rate	1.1	1.2	1.4	2.1	2.2	4.6	5.7	17.7	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.3	1.4	2.2	2.3	4.0	5.5	13.7	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	–	–	np	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	–	np	np	–	–	np	–	–	np
Circulatory diseases (I00-I99)	± rate	2.8	3.1	4.0	5.2	5.7	11.2	14.5	32.9	1.6
Respiratory Diseases (J00-J99)	± rate	1.5	1.6	2.0	2.7	3.0	5.7	7.3	20.6	0.9
Digestive diseases (K00-K93)	± rate	1.0	1.1	1.3	1.8	1.9	3.8	4.4	14.2	0.6
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.3	0.4	0.5	np	np	np	0.2
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.4	0.5	0.7	0.8	0.8	2.2	np	np	0.3
Kidney diseases (N00-N99)	± rate	0.7	0.9	1.0	1.5	1.6	2.8	4.0	12.1	0.4
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	np	np	np	np	np	–	–	np	np
Conditions originating in the perinatal period (P00-P96)	± rate	0.4	0.4	0.5	0.6	0.8	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.4	0.4	0.5	0.6	0.7	np	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.4	0.3	0.6	0.7	0.8	np	np	np	0.2
External causes of morbidity and mortality (V01-Y98)	± rate	1.3	1.6	1.9	2.8	3.0	5.5	6.7	14.1	0.8
All causes	**± rate**	**5.1**	**5.8**	**7.1**	**9.7**	**10.4**	**20.2**	**25.6**	**63.2**	**3.0**

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
2011										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	11.6	8.5	8.5	6.2	9.0	6.8	8.5	np	9.4
Neoplasms (cancer) (C00-D48)	rate	177.8	173.3	175.1	166.5	170.6	189.5	147.0	220.3	174.5
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	1.9	1.8	1.8	1.6	2.2	np	np	–	1.8
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	20.9	24.8	23.7	23.5	24.9	34.1	20.3	61.0	23.6
Mental and behavioural disorders (F00-F99)	rate	27.9	27.4	27.4	23.7	30.5	40.8	26.7	51.6	27.9
Nervous system diseases (G00-G99)	rate	23.8	27.8	23.3	30.5	28.5	29.6	32.2	30.9	26.0
Diseases of the eye and adnexa (H00-H59)	rate	np	np	np	np	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	np	np	np	np	np	–	–	–	np
Circulatory diseases (I00-I99)	rate	177.6	161.8	180.7	152.9	171.1	190.3	150.2	201.4	171.6
Respiratory Diseases (J00-J99)	rate	49.5	46.2	49.9	42.1	45.8	53.3	42.8	83.5	47.9
Digestive diseases (K00-K93)	rate	20.2	20.0	20.2	19.9	19.5	21.9	19.7	37.0	20.2
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	2.1	1.4	1.4	1.3	1.6	np	np	np	1.7
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.7	4.4	4.8	3.7	3.3	5.4	np	np	4.5
Kidney diseases (N00-N99)	rate	12.9	14.1	12.1	11.2	13.2	13.1	14.5	np	13.0
Pregnancy, childbirth and the puerperium (O00-O99)	rate	np	np	np	np	np	–	–	np	np
Conditions originating in the perinatal period (P00-P96)	rate	3.0	2.5	3.3	2.0	1.9	np	np	np	2.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	2.6	2.4	2.7	1.9	2.4	np	np	np	2.4

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	5.2	3.1	2.8	3.8	4.2	np	6.4	np	4.0
External causes of morbidity and mortality (V01-Y98)	rate	34.6	36.2	43.2	44.8	37.7	45.3	32.4	60.6	38.5
All causes	**rate**	**576.4**	**555.8**	**581.0**	**535.6**	**566.6**	**642.4**	**513.1**	**795.0**	**570.0**
Cause of death				*variability band (± rate per 100 000 persons)*						
Certain infectious and parasitic diseases (A00-B99)	± rate	0.7	0.7	0.8	1.0	1.3	2.0	3.2	np	0.4
Neoplasms (cancer) (C00-D48)	± rate	2.9	3.3	3.8	5.2	5.7	10.7	13.3	31.4	1.7
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	0.3	0.3	0.4	0.5	0.6	np	np	–	0.2
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	1.0	1.2	1.4	2.0	2.1	4.5	4.9	17.9	0.6
Mental and behavioural disorders (F00-F99)	± rate	1.1	1.2	1.5	2.0	2.2	4.8	5.6	19.4	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.3	1.4	2.2	2.2	4.3	6.2	13.7	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	np	np	np	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	np	np	np	np	np	–	–	–	np
Circulatory diseases (I00-I99)	± rate	2.8	3.1	3.8	5.0	5.4	10.4	13.3	32.1	1.6
Respiratory Diseases (J00-J99)	± rate	1.5	1.6	2.0	2.6	2.8	5.6	7.2	21.4	0.8
Digestive diseases (K00-K93)	± rate	1.0	1.1	1.3	1.8	1.9	3.6	4.8	13.1	0.6
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.3	0.5	0.5	np	np	np	0.2
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.5	0.5	0.6	0.8	0.8	1.7	np	np	0.3
Kidney diseases (N00-N99)	± rate	0.7	0.9	1.0	1.4	1.5	2.8	4.2	np	0.4
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	np	np	np	np	np	–	–	np	np

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Conditions originating in the perinatal period (P00-P96)	± rate	0.4	0.4	0.5	0.6	0.7	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.4	0.4	0.5	0.6	0.8	np	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.5	0.4	0.5	0.8	0.9	np	2.7	np	0.2
External causes of morbidity and mortality (V01-Y98)	± rate	1.3	1.5	1.9	2.7	2.9	5.7	6.0	12.0	0.8
All causes	**± rate**	**5.1**	**5.8**	**6.9**	**9.4**	**10.1**	**19.6**	**24.7**	**62.1**	**2.9**
2012										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	10.6	8.4	6.9	7.8	10.8	8.2	6.6	np	9.1
Neoplasms (cancer) (C00-D48)	rate	166.8	162.4	179.2	167.0	166.9	185.7	146.8	211.7	168.4
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	1.8	1.6	1.7	1.5	1.6	np	np	np	1.7
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	20.2	23.0	23.3	23.6	22.7	33.7	24.6	65.2	22.7
Mental and behavioural disorders (F00-F99)	rate	27.6	27.2	26.7	27.5	34.5	48.1	24.8	31.3	28.5
Nervous system diseases (G00-G99)	rate	23.2	26.8	25.3	30.3	29.0	25.7	24.0	23.7	25.7
Diseases of the eye and adnexa (H00-H59)	rate	np	np	np	np	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	np	np	np	–	–	–	–	np	np
Circulatory diseases (I00-I99)	rate	160.2	148.0	175.3	144.6	165.6	195.3	141.4	185.7	159.9
Respiratory Diseases (J00-J99)	rate	50.7	44.9	50.4	45.9	49.5	62.1	42.2	73.5	49.0
Digestive diseases (K00-K93)	rate	18.8	19.7	20.8	17.7	21.4	22.2	20.5	26.6	19.7
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	1.7	1.4	1.4	1.1	1.2	np	np	np	1.4

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.0	4.2	5.1	3.3	2.7	8.0	6.3	np	4.3
Kidney diseases (N00-N99)	rate	13.4	15.4	11.8	13.6	14.1	13.0	13.1	23.5	13.8
Pregnancy, childbirth and the puerperium (O00-O99)	rate	np	np	np	–	np	–	–	–	np
Conditions originating in the perinatal period (P00-P96)	rate	2.2	2.0	2.8	1.4	2.6	np	np	np	2.3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	2.4	2.2	2.7	2.1	2.6	np	np	np	2.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	7.0	3.5	3.2	5.4	7.6	3.2	np	13.0	5.2
External causes of morbidity and mortality (V01-Y98)	rate	34.0	33.7	43.9	46.1	39.6	44.3	32.4	79.0	38.2
All causes	**rate**	**544.5**	**524.7**	**580.7**	**538.9**	**572.4**	**658.3**	**494.9**	**769.2**	**552.3**
Cause of death				*variability band (± rate per 100 000 persons)*						
Certain infectious and parasitic diseases (A00-B99)	± rate	0.7	0.7	0.7	1.1	1.4	2.3	2.7	np	0.4
Neoplasms (cancer) (C00-D48)	± rate	2.7	3.1	3.8	5.2	5.5	10.5	13.1	29.8	1.6
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	0.3	0.3	0.4	0.5	0.5	np	np	np	0.2
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	0.9	1.2	1.4	1.9	2.0	4.4	5.3	16.4	0.6
Mental and behavioural disorders (F00-F99)	± rate	1.0	1.2	1.4	2.1	2.3	5.1	5.2	12.9	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.2	1.4	2.2	2.2	3.8	5.2	11.2	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	np	np	np	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	np	np	np	–	–	–	–	np	np
Circulatory diseases (I00-I99)	± rate	2.6	2.9	3.7	4.7	5.2	10.5	12.7	28.8	1.5

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Respiratory Diseases (J00-J99)	± rate	1.5	1.6	2.0	2.7	2.9	6.0	6.9	19.1	0.8
Digestive diseases (K00-K93)	± rate	0.9	1.1	1.3	1.7	2.0	3.6	4.9	9.8	0.5
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.3	0.4	0.4	np	np	np	0.1
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.4	0.5	0.6	0.7	0.7	2.1	2.7	np	0.2
Kidney diseases (N00-N99)	± rate	0.7	0.9	1.0	1.5	1.5	2.6	3.9	10.1	0.4
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	np	np	np	–	np	–	–	–	np
Conditions originating in the perinatal period (P00-P96)	± rate	0.3	0.4	0.5	0.5	0.8	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.3	0.4	0.5	0.6	0.8	np	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.6	0.5	0.5	0.9	1.3	1.5	np	6.1	0.3
External causes of morbidity and mortality (V01-Y98)	± rate	1.3	1.5	1.9	2.7	2.9	5.6	5.9	14.2	0.8
All causes	**± rate**	**4.9**	**5.5**	**6.8**	**9.2**	**10.0**	**19.6**	**23.8**	**56.7**	**2.9**
2013										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	12.0	8.4	8.5	8.2	10.3	7.4	9.0	12.0	9.8
Neoplasms (cancer) (C00-D48)	rate	169.4	161.9	175.7	162.0	165.6	195.3	154.1	219.4	168.2
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	2.0	1.9	1.5	1.6	1.8	np	np	np	1.8
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	20.0	23.2	22.4	22.8	22.9	31.9	22.8	69.0	22.4
Mental and behavioural disorders (F00-F99)	rate	28.0	25.4	28.9	24.3	32.5	37.0	26.6	53.6	27.8
Nervous system diseases (G00-G99)	rate	25.8	28.4	25.3	30.6	31.6	29.6	25.1	29.9	27.4

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Diseases of the eye and adnexa (H00-H59)	rate	np	–	np	np	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	np	np	np	np	–	np	–	np	np
Circulatory diseases (I00-I99)	rate	159.3	142.9	160.2	143.4	152.1	186.2	123.6	186.1	153.9
Respiratory Diseases (J00-J99)	rate	45.0	44.8	44.8	41.4	46.1	51.6	42.2	95.2	45.1
Digestive diseases (K00-K93)	rate	19.7	18.6	20.7	18.8	21.9	24.9	14.9	37.8	19.9
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	2.0	1.3	1.1	1.2	1.5	np	np	np	1.5
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.1	4.1	4.2	4.3	3.7	7.1	np	np	4.2
Kidney diseases (N00-N99)	rate	10.9	11.1	10.3	10.7	10.8	14.4	6.3	21.2	10.9
Pregnancy, childbirth and the puerperium (O00-O99)	rate	np	np	–	np	np	np	–	–	np
Conditions originating in the perinatal period (P00-P96)	rate	2.6	2.0	3.3	1.3	2.2	np	np	np	2.4
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	2.5	2.8	2.7	1.7	2.9	3.6	np	np	2.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	6.8	4.0	3.0	6.8	5.4	4.8	np	np	5.2
External causes of morbidity and mortality (V01-Y98)	rate	33.6	31.5	42.0	43.5	36.4	50.3	34.0	72.9	36.7
All causes	**rate**	**543.6**	**512.1**	**554.9**	**522.6**	**547.8**	**649.0**	**474.8**	**831.9**	**540.0**
Cause of death				*variability band (± rate per 100 000 persons)*						
Certain infectious and parasitic diseases (A00-B99)	± rate	0.7	0.7	0.8	1.1	1.3	2.0	3.1	6.2	0.4
Neoplasms (cancer) (C00-D48)	± rate	2.7	3.1	3.7	5.0	5.5	10.7	13.1	29.0	1.6
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	0.3	0.3	0.3	0.5	0.5	np	np	np	0.2

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	0.9	1.1	1.3	1.9	2.0	4.3	5.1	16.7	0.6
Mental and behavioural disorders (F00-F99)	± rate	1.0	1.1	1.5	1.9	2.2	4.5	5.4	17.9	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.3	1.4	2.2	2.3	4.2	5.3	12.5	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	–	np	np	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	np	np	np	np	–	np	–	np	np
Circulatory diseases (I00-I99)	± rate	2.5	2.8	3.5	4.6	5.0	10.1	11.6	27.9	1.5
Respiratory Diseases (J00-J99)	± rate	1.4	1.6	1.9	2.5	2.8	5.4	6.9	20.1	0.8
Digestive diseases (K00-K93)	± rate	0.9	1.0	1.3	1.7	2.0	3.8	4.0	11.9	0.5
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.3	0.4	0.5	np	np	np	0.1
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.4	0.5	0.6	0.8	0.8	2.0	np	np	0.2
Kidney diseases (N00-N99)	± rate	0.7	0.8	0.9	1.3	1.3	2.8	2.5	10.0	0.4
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	np	np	–	np	np	np	–	–	np
Conditions originating in the perinatal period (P00-P96)	± rate	0.4	0.4	0.5	0.4	0.8	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.4	0.4	0.5	0.5	0.8	1.6	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.5	0.5	0.5	1.0	1.1	1.8	np	np	0.3
External causes of morbidity and mortality (V01-Y98)	± rate	1.3	1.4	1.9	2.6	2.8	6.0	5.9	13.6	0.8
All causes	**± rate**	**4.8**	**5.4**	**6.6**	**8.9**	**9.7**	**19.4**	**22.8**	**58.1**	**2.8**

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
2014										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	11.8	9.2	7.6	8.0	9.6	6.8	8.8	15.0	9.7
Neoplasms (cancer) (C00-D48)	rate	164.6	155.6	173.5	155.3	165.0	191.0	146.8	226.7	163.8
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	1.9	1.8	1.5	2.8	2.1	np	np	np	1.9
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	20.8	21.5	23.0	19.9	22.2	32.7	27.5	63.6	22.1
Mental and behavioural disorders (F00-F99)	rate	30.7	26.6	30.3	24.0	34.7	41.3	25.8	55.5	29.6
Nervous system diseases (G00-G99)	rate	26.3	29.4	27.7	32.5	32.4	30.6	28.5	30.8	28.6
Diseases of the eye and adnexa (H00-H59)	rate	np	np	–	–	–	–	np	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	np	np	np	–	–	–	–	–	np
Circulatory diseases (I00-I99)	rate	158.3	148.6	157.1	143.5	153.3	174.6	135.0	164.4	154.2
Respiratory Diseases (J00-J99)	rate	48.4	48.6	45.6	44.8	51.8	56.5	43.9	80.1	48.3
Digestive diseases (K00-K93)	rate	18.9	20.4	19.9	18.3	18.4	24.2	15.8	28.4	19.6
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	2.0	1.3	1.6	1.1	1.6	np	np	np	1.6
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.2	4.1	4.4	3.9	3.8	6.9	5.9	np	4.3
Kidney diseases (N00-N99)	rate	10.6	11.8	10.6	10.9	9.6	13.1	8.2	24.5	11.0
Pregnancy, childbirth and the puerperium (O00-O99)	rate	np	np	np	–	np	–	–	–	np
Conditions originating in the perinatal period (P00-P96)	rate	2.6	1.8	3.0	1.4	1.8	np	np	np	2.4
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	2.2	2.7	3.3	2.6	2.1	np	np	np	2.5

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	7.5	5.2	2.9	5.2	5.2	3.6	np	25.4	5.6
External causes of morbidity and mortality (V01-Y98)	rate	36.3	40.5	39.9	44.4	39.5	45.8	31.7	74.0	39.8
All causes	**rate**	**547.4**	**529.2**	**551.9**	**518.9**	**553.2**	**639.5**	**487.8**	**807.9**	**545.0**
Cause of death				*variability band (± rate per 100 000 persons)*						
Certain infectious and parasitic diseases (A00-B99)	± rate	0.7	0.7	0.8	1.1	1.3	2.0	3.0	7.0	0.4
Neoplasms (cancer) (C00-D48)	± rate	2.7	3.0	3.6	4.8	5.4	10.4	12.6	28.4	1.5
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	0.3	0.3	0.3	0.6	0.6	np	np	np	0.2
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	0.9	1.1	1.3	1.7	1.9	4.3	5.4	15.7	0.6
Mental and behavioural disorders (F00-F99)	± rate	1.1	1.2	1.5	1.9	2.2	4.6	5.2	17.3	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.3	1.4	2.2	2.3	4.1	5.5	11.0	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	np	–	–	–	–	np	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	np	np	np	–	–	–	–	–	np
Circulatory diseases (I00-I99)	± rate	2.5	2.8	3.4	4.6	4.9	9.7	11.9	25.1	1.4
Respiratory Diseases (J00-J99)	± rate	1.4	1.6	1.8	2.6	2.9	5.6	6.9	17.8	0.8
Digestive diseases (K00-K93)	± rate	0.9	1.1	1.2	1.6	1.8	3.7	4.0	9.0	0.5
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.3	0.4	0.5	np	np	np	0.1
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.4	0.5	0.6	0.8	0.8	2.0	2.5	np	0.2
Kidney diseases (N00-N99)	± rate	0.6	0.8	0.9	1.2	1.2	2.6	2.9	10.0	0.4
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	np	np	np	–	np	–	–	–	np

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Conditions originating in the perinatal period (P00-P96)	± rate	0.4	0.4	0.5	0.5	0.7	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.3	0.4	0.5	0.6	0.7	np	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.6	0.6	0.5	0.9	1.0	1.6	np	8.6	0.3
External causes of morbidity and mortality (V01-Y98)	± rate	1.3	1.6	1.8	2.6	2.9	5.7	5.7	12.9	0.8
All causes	**± rate**	**4.8**	**5.4**	**6.4**	**8.7**	**9.7**	**19.1**	**22.7**	**54.4**	**2.8**
2015										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	11.2	9.8	8.6	9.4	9.0	8.7	5.8	21.8	9.9
Neoplasms (cancer) (C00-D48)	rate	167.5	161.3	170.0	155.2	170.2	195.3	151.2	204.2	166.2
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	1.8	1.9	1.6	2.0	2.4	np	np	np	1.8
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	22.8	21.4	23.6	23.1	23.4	29.4	21.9	63.8	23.1
Mental and behavioural disorders (F00-F99)	rate	32.3	28.6	31.9	21.3	34.9	41.7	25.8	44.0	30.6
Nervous system diseases (G00-G99)	rate	26.6	30.9	27.7	31.5	33.5	31.7	27.2	23.5	29.0
Diseases of the eye and adnexa (H00-H59)	rate	np	np	–	–	–	–	np	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	np	np	np	–	–	–	–	–	np
Circulatory diseases (I00-I99)	rate	154.3	147.3	154.4	137.6	149.7	181.3	135.1	210.5	151.4
Respiratory Diseases (J00-J99)	rate	47.5	49.5	47.2	48.6	49.5	55.9	42.1	75.3	48.6
Digestive diseases (K00-K93)	rate	19.3	20.0	20.8	18.7	19.5	21.5	15.1	30.4	19.8
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	2.0	1.5	1.6	1.3	1.5	3.1	np	np	1.8

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.4	4.7	4.1	3.5	4.1	7.3	np	np	4.4
Kidney diseases (N00-N99)	rate	10.6	12.8	10.8	14.8	10.4	11.8	8.6	14.3	11.6
Pregnancy, childbirth and the puerperium (O00-O99)	rate	np	np	np	–	np	–	–	–	np
Conditions originating in the perinatal period (P00-P96)	rate	2.9	1.5	2.7	1.6	2.1	np	np	np	2.3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	1.9	2.4	3.2	1.7	2.7	np	np	np	2.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	6.3	4.6	2.6	6.6	6.9	3.1	np	11.1	5.2
External causes of morbidity and mortality (V01-Y98)	rate	36.1	39.7	45.3	49.1	39.4	45.0	33.6	76.9	41.0
All causes	**rate**	**547.5**	**538.0**	**556.0**	**525.8**	**559.2**	**642.2**	**481.9**	**797.7**	**549.3**
Cause of death				*variability band (± rate per 100 000 persons)*						
Certain infectious and parasitic diseases (A00-B99)	± rate	0.7	0.7	0.8	1.2	1.2	2.3	2.4	8.8	0.4
Neoplasms (cancer) (C00-D48)	± rate	2.7	3.0	3.5	4.7	5.4	10.4	12.5	26.1	1.5
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	0.3	0.3	0.3	0.5	0.6	np	np	np	0.2
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	1.0	1.1	1.3	1.8	1.9	4.0	4.8	14.4	0.6
Mental and behavioural disorders (F00-F99)	± rate	1.1	1.2	1.5	1.7	2.3	4.6	5.1	15.0	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.3	1.4	2.1	2.3	4.2	5.3	10.2	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	np	–	–	–	–	np	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	np	np	np	–	–	–	–	–	np
Circulatory diseases (I00-I99)	± rate	2.4	2.7	3.3	4.4	4.8	9.8	11.6	28.7	1.4

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Respiratory Diseases (J00-J99)	± rate	1.4	1.6	1.9	2.6	2.8	5.4	6.6	16.4	0.8
Digestive diseases (K00-K93)	± rate	0.9	1.0	1.2	1.6	1.8	3.4	3.9	10.0	0.5
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.3	0.4	0.5	1.3	np	np	0.2
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.4	0.5	0.5	0.7	0.8	2.0	np	np	0.2
Kidney diseases (N00-N99)	± rate	0.6	0.8	0.9	1.4	1.3	2.4	2.9	7.0	0.4
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	np	np	np	–	np	–	–	–	np
Conditions originating in the perinatal period (P00-P96)	± rate	0.4	0.3	0.5	0.5	0.7	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.3	0.4	0.5	0.5	0.8	np	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.5	0.5	0.4	1.0	1.2	1.4	np	4.4	0.3
External causes of morbidity and mortality (V01-Y98)	± rate	1.3	1.5	1.9	2.7	2.8	5.6	5.8	13.3	0.8
All causes	**± rate**	**4.7**	**5.4**	**6.4**	**8.6**	**9.7**	**18.8**	**22.2**	**52.9**	**2.7**
2016										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	11.0	9.6	8.0	7.5	9.3	5.6	5.6	12.2	9.4
Neoplasms (cancer) (C00-D48)	rate	160.7	159.1	168.0	153.5	157.1	182.0	142.9	184.3	161.1
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	2.0	1.4	1.3	1.6	1.7	np	np	np	1.7
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	23.7	20.5	21.7	22.8	22.8	33.4	21.0	48.2	22.8
Mental and behavioural disorders (F00-F99)	rate	33.0	28.6	30.9	23.0	33.2	42.3	36.2	31.8	30.9
Nervous system diseases (G00-G99)	rate	27.3	32.6	26.7	29.0	35.6	27.7	25.2	18.7	29.3

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Diseases of the eye and adnexa (H00-H59)	rate	np	np	np	–	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	np	np	np	np	np	–	–	–	np
Circulatory diseases (I00-I99)	rate	145.2	138.3	146.6	132.2	135.0	170.0	125.2	179.8	142.3
Respiratory Diseases (J00-J99)	rate	49.0	46.7	46.1	55.7	48.0	56.4	37.2	83.7	48.6
Digestive diseases (K00-K93)	rate	19.8	19.2	18.4	18.7	20.9	22.3	14.9	28.7	19.4
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	2.0	1.5	1.5	1.7	1.9	np	np	np	1.7
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.3	4.8	4.5	3.0	4.4	8.0	np	np	4.5
Kidney diseases (N00-N99)	rate	10.4	11.8	9.8	14.2	9.2	13.6	8.9	16.6	11.0
Pregnancy, childbirth and the puerperium (O00-O99)	rate	np	np	np	np	np	np	–	–	np
Conditions originating in the perinatal period (P00-P96)	rate	2.3	2.0	2.7	1.7	2.2	np	np	np	2.3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	2.1	2.5	2.9	2.2	2.1	np	np	np	2.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	5.7	4.6	5.6	6.4	10.3	np	np	np	5.7
External causes of morbidity and mortality (V01-Y98)	rate	36.4	39.4	41.4	49.4	40.1	53.9	32.8	64.5	40.4
All causes	**rate**	**534.8**	**522.5**	**536.4**	**522.7**	**534.1**	**627.8**	**464.0**	**698.4**	**533.6**
Cause of death				*variability band (± rate per 100 000 persons)*						
Certain infectious and parasitic diseases (A00-B99)	± rate	0.7	0.7	0.7	1.0	1.2	1.7	2.3	5.7	0.4
Neoplasms (cancer) (C00-D48)	± rate	2.6	2.9	3.5	4.6	5.2	10.0	12.0	23.9	1.5
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	0.3	0.3	0.3	0.5	0.5	np	np	np	0.2

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	1.0	1.0	1.2	1.8	1.9	4.3	4.6	12.3	0.6
Mental and behavioural disorders (F00-F99)	± rate	1.1	1.2	1.4	1.7	2.1	4.6	5.9	12.1	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.3	1.4	2.0	2.4	3.9	5.0	8.4	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	np	np	–	–	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	np	np	np	np	np	–	–	–	np
Circulatory diseases (I00-I99)	± rate	2.3	2.6	3.2	4.2	4.5	9.4	11.1	25.2	1.3
Respiratory Diseases (J00-J99)	± rate	1.4	1.5	1.8	2.7	2.7	5.5	6.0	17.5	0.8
Digestive diseases (K00-K93)	± rate	0.9	1.0	1.1	1.6	1.9	3.5	3.8	10.1	0.5
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.3	0.5	0.5	np	np	np	0.1
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.4	0.5	0.6	0.6	0.8	2.0	np	np	0.2
Kidney diseases (N00-N99)	± rate	0.6	0.8	0.8	1.4	1.2	2.6	2.9	7.8	0.4
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	np	np	np	np	np	np	–	–	np
Conditions originating in the perinatal period (P00-P96)	± rate	0.3	0.4	0.5	0.5	0.7	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.3	0.4	0.5	0.6	0.7	np	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.5	0.5	0.7	0.9	1.4	np	np	np	0.3
External causes of morbidity and mortality (V01-Y98)	± rate	1.3	1.5	1.8	2.7	2.9	6.2	5.7	12.2	0.8
All causes	**± rate**	**4.6**	**5.2**	**6.2**	**8.5**	**9.3**	**18.6**	**21.4**	**48.1**	**2.7**

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
2017										
Cause of death					*rate (per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	rate	9.5	8.5	7.8	7.8	7.6	7.9	8.9	np	8.6
Neoplasms (cancer) (C00-D48)	rate	151.5	151.8	167.8	150.9	161.9	181.6	167.9	206.4	156.7
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	rate	1.9	1.8	1.3	2.0	1.7	np	np	np	1.8
Endocrine, nutritional and metabolic diseases (E00-E90)	rate	22.6	19.9	23.0	21.2	23.9	30.5	18.0	57.0	22.4
Mental and behavioural disorders (F00-F99)	rate	32.1	27.4	32.3	22.6	37.3	37.7	43.2	40.0	30.8
Nervous system diseases (G00-G99)	rate	27.0	31.9	28.2	30.9	36.9	33.4	34.6	15.3	29.9
Diseases of the eye and adnexa (H00-H59)	rate	np	np	np	–	np	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	rate	np	np	np	np	np	np	np	np	np
Circulatory diseases (I00-I99)	rate	138.2	131.1	149.5	121.3	133.1	169.6	142.4	160.0	137.7
Respiratory Diseases (J00-J99)	rate	52.4	50.3	50.6	53.1	51.3	65.9	55.0	66.0	52.0
Digestive diseases (K00-K93)	rate	19.1	18.3	20.7	17.8	21.3	25.9	28.2	35.3	19.6
Diseases of the skin and subcutaneous tissue (L00-L99)	rate	1.8	1.6	1.9	1.0	1.8	np	np	np	1.7
Diseases of the musculoskeletal system and connective tissue (M00-M99)	rate	4.4	4.6	4.5	3.2	4.1	7.1	7.9	np	4.5
Kidney diseases (N00-N99)	rate	11.1	11.9	10.2	14.7	11.2	12.9	11.6	np	11.6
Pregnancy, childbirth and the puerperium (O00-O99)	rate	–	np	np	np	–	–	–	–	np
Conditions originating in the perinatal period (P00-P96)	rate	2.2	2.5	3.1	1.8	1.9	np	np	np	2.4
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	rate	2.3	2.3	3.0	1.6	3.1	3.5	np	np	2.5

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	rate	6.8	3.6	5.4	11.4	14.9	3.7	np	14.3	6.7
External causes of morbidity and mortality (V01-Y98)	rate	35.0	35.3	43.6	48.7	43.3	46.6	40.3	74.9	39.4
All causes	**rate**	**518.0**	**503.1**	**553.0**	**510.2**	**555.3**	**633.3**	**568.8**	**708.9**	**528.4**
Cause of death					*variability band (± rate per 100 000 persons)*					
Certain infectious and parasitic diseases (A00-B99)	± rate	0.6	0.6	0.7	1.0	1.1	2.0	2.9	np	0.3
Neoplasms (cancer) (C00-D48)	± rate	2.5	2.8	3.4	4.6	5.2	9.8	12.8	25.7	1.4
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	± rate	0.3	0.3	0.3	0.5	0.5	np	np	np	0.2
Endocrine, nutritional and metabolic diseases (E00-E90)	± rate	0.9	1.0	1.3	1.7	1.9	4.0	4.2	13.1	0.5
Mental and behavioural disorders (F00-F99)	± rate	1.1	1.1	1.5	1.7	2.3	4.3	6.3	13.7	0.6
Nervous system diseases (G00-G99)	± rate	1.0	1.3	1.4	2.1	2.4	4.1	5.8	7.4	0.6
Diseases of the eye and adnexa (H00-H59)	± rate	np	np	np	–	np	–	–	–	np
Diseases of the ear and mastoid process (H60-H95)	± rate	np	np	np	np	np	np	np	np	np
Circulatory diseases (I00-I99)	± rate	2.3	2.5	3.2	4.0	4.5	9.3	11.6	23.4	1.3
Respiratory Diseases (J00-J99)	± rate	1.4	1.6	1.8	2.7	2.8	5.8	7.3	15.3	0.8
Digestive diseases (K00-K93)	± rate	0.9	1.0	1.2	1.6	1.9	3.8	5.3	10.5	0.5
Diseases of the skin and subcutaneous tissue (L00-L99)	± rate	0.3	0.3	0.4	0.4	0.5	np	np	np	0.1
Diseases of the musculoskeletal system and connective tissue (M00-M99)	± rate	0.4	0.5	0.5	0.7	0.8	1.9	2.8	np	0.2
Kidney diseases (N00-N99)	± rate	0.6	0.7	0.8	1.4	1.3	2.6	3.3	np	0.4
Pregnancy, childbirth and the puerperium (O00-O99)	± rate	–	np	np	np	–	–	–	–	np

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

		NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)
Conditions originating in the perinatal period (P00-P96)	± rate	0.3	0.4	0.5	0.5	0.7	np	np	np	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	± rate	0.3	0.4	0.5	0.5	0.8	1.6	np	np	0.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	± rate	0.5	0.4	0.6	1.3	1.7	1.6	np	6.7	0.3
External causes of morbidity and mortality (V01-Y98)	± rate	1.3	1.4	1.8	2.7	3.0	5.8	6.2	13.0	0.8
All causes	**± rate**	**4.5**	**5.0**	**6.2**	**8.4**	**9.5**	**18.4**	**23.3**	**47.8**	**2.6**

(a) Causes of death data for 2017 are preliminary and subject to a further revisions process. See Explanatory Notes 57-60 in Causes of Death, Australia, 2017 (Cat. no. 3303.0). and Causes of Death Revisions, 2014 Final Data (Technical Note) in Causes of Death, Australia, 2016 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 85 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) Data based on reference year. Death records are provided electronically to the ABS by individual Registrars on a monthly basis for compilation into aggregate statistics on a quarterly and annual basis. One dimension of timeliness in death registrations data is the interval between the occurrence and registration of a death. As a result, a small number of deaths occurring in one year are not registered until the following year or later.

(d) Some totals and figures may not compute due to the effects of rounding.

(e) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 3303.0).

(f) Deaths registered on Norfolk Island from 1 July 2016 are included for the first time. This is due to the introduction of the Norfolk Island Legislation Amendment Act 2015. Norfolk Island deaths are included in statistics for "Other Territories" as well as totals for all of Australia. Deaths registered on Norfolk Island prior to 1 July 2016 were not in scope for death statistics. See Explanatory Note 13 in Causes of Deaths, Australia, 2016 (cat. no. 3303.0) for more information. Prior to 1 July 2016, deaths of people that occurred in Australia with a usual residence of Norfolk Island were included in Australian totals, but assigned a usual residence of overseas. With the inclusion of Norfolk Island as a territory of Australia in the ASGS 2016, those deaths which occurred in Australia between January and June 2016 with a usual residence of Norfolk Island were allocated to the Norfolk Island SA2 code instead of the overseas category.

Table EA.37 **Age standardised mortality rates by cause of death (with variability band), by State and Territory (a), (b), (c), (d), (e), (f), (g)**

	NSW	*Vic*	*Qld* (h)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (i)

(g) From 2016 reference year, deaths with not stated age have not been prorated.

(h) Care should be taken when interpreting deaths data for Queensland for 2010 as they are affected by recent changes in the timeliness of birth and deaths registrations. Queensland deaths data for 2010 have been adjusted to minimise the impact of late registration of deaths on mortality indicators.
In November 2010, the Queensland Registrar of Births, Deaths and Marriages advised the ABS of an outstanding deaths registration initiative undertaken by the Registry. This initiative resulted in the November 2010 registration of 374 previously unregistered deaths which occurred between 1992 and 2006 (including a few for which a date of death was unknown). Of these, around three quarters (284) were deaths of Aboriginal and Torres Strait Islander Australians.
The ABS discussed different methods of adjustment of Queensland death registrations data for 2010 with key stakeholders. Following the discussion, a decision was made by the ABS and key stakeholders to use an adjustment method that added together deaths registered in 2010 for usual residents of Queensland which occurred in 2007, 2008, 2009 and 2010. This method minimises the impact on mortality indicators used in various government reports. However, care should still be taken when interpreting Aboriginal and Torres Strait Islander death data for Queensland for 2010. For further details see Technical Note: Registration of outstanding deaths, Queensland 2010, from Deaths, Australia, 2010 (Cat. no. 3302.0).

(i) All states and territories including other territories.

– Nil or rounded to zero. **np** not published.

Source : ABS (unpublished) *Causes of Death, Australia, 2016* , Cat. no. 3303.0.

Table EA.38 **Age standardised mortality rates by major cause of death, by Indigenous status (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Vic*	*Qld* (k)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (l)
2010–14									
Cause of death — Rate (per 100 000 population)									
Aboriginal and Torres Strait Islander people									
Circulatory diseases (I00-I99)	240.1	na	273.4	354.6	209.3	na	na	340.5	274.9
Neoplasms (cancer) (C00-D48)	205.1	na	224.8	243.5	157.5	na	na	331.1	226.8
External causes of morbidity and mortality (V01-Y98)	60.4	na	65.3	114.8	83.1	na	na	120.5	78.8
Endocrine, metabolic and nutritional disorders (E00-E90)	59.8	na	97.2	153.5	79.2	na	na	203.4	100.9
Respiratory diseases (J00-J99)	90.1	na	91.8	111.1	90.9	na	na	163.9	101.7
Digestive diseases (K00-K93)	33.2	na	47.1	54.5	51.8	na	na	75.8	46.4
Kidney Diseases (N00-N29)	19.1	na	17.2	28.9	np	na	na	63.3	25.6
Conditions originating in the perinatal period (P00-P96)	3.4	na	4.9	4.6	np	na	na	10.1	4.8
Infectious and parasitic diseases (A00-B99)	17.3	na	20.1	23.3	26.2	na	na	29.5	20.9
Nervous system diseases (G00-G99)	19.9	na	18.7	39.8	34.9	na	na	28.6	24.4
Other causes (m)	59.2	na	83.8	96.4	66.5	na	na	136.0	80.6
All causes	**807.7**	**na**	**944.1**	**1 225.5**	**830.7**	**na**	**na**	**1 502.0**	**985.8**
Other Australians (e)									
Circulatory diseases (I00-I99)	180.6	na	180.6	155.4	184.2	na	na	137.5	177.6
Neoplasms (cancer) (C00-D48)	173.2	na	177.3	165.6	173.3	na	na	191.0	173.2
External causes of morbidity and mortality (V01-Y98)	34.8	na	41.1	41.2	38.3	na	na	52.9	38.0

Table EA.38 **Age standardised mortality rates by major cause of death, by Indigenous status (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Vic*	*Qld* (k)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (l)
Endocrine, metabolic and nutritional disorders (E00-E90)	21.0	na	22.4	22.0	25.0	na	na	29.2	22.0
Respiratory diseases (J00-J99)	51.2	na	48.9	44.7	52.5	na	na	58.8	50.0
Digestive diseases (K00-K93)	20.3	na	20.5	18.9	20.9	na	na	21.3	20.2
Kidney Diseases (N00-N29)	10.0	na	8.5	9.1	10.9	na	na	np	9.6
Conditions originating in the perinatal period (P00-P96)	2.6	na	2.9	1.3	2.1	na	na	2.6	2.4
Infectious and parasitic diseases (A00-B99)	11.8	na	7.6	7.9	10.5	na	na	9.8	10.0
Nervous system diseases (G00-G99)	26.0	na	26.0	32.0	32.7	na	na	27.2	27.6
Other causes (m)	52.6	na	47.3	44.4	56.2	na	na	57.4	50.6
All causes	**584.2**	**na**	**582.9**	**542.4**	**606.5**	**na**	**na**	**593.2**	**581.2**
2011–15									
Cause of death — Rate (per 100 000 population)									
Aboriginal and Torres Strait Islander people									
Circulatory diseases (I00-I99)	233.6	na	268.7	336.8	218.2	na	na	363.0	272.0
Neoplasms (cancer) (C00-D48)	210.1	na	231.7	242.6	167.5	na	na	339.5	232.2
External causes of morbidity and mortality (V01-Y98)	65.0	na	70.4	115.1	82.8	na	na	120.3	82.0
Endocrine, metabolic and nutritional disorders (E00-E90)	56.8	na	96.8	157.8	82.7	na	na	207.8	100.8
Respiratory diseases (J00-J99)	90.1	na	92.1	110.7	85.7	na	na	160.4	101.0
Digestive diseases (K00-K93)	35.9	na	46.2	54.6	46.3	na	na	69.0	46.0
Kidney Diseases (N00-N29)	18.7	na	17.0	29.6	np	na	na	58.3	24.0

Table EA.38 **Age standardised mortality rates by major cause of death, by Indigenous status (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Vic*	*Qld* (k)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (l)
Conditions originating in the perinatal period (P00-P96)	3.2	na	5.0	4.5	np	na	na	9.7	4.7
Infectious and parasitic diseases (A00-B99)	18.6	na	21.0	19.9	23.6	na	na	27.9	20.9
Nervous system diseases (G00-G99)	21.8	na	23.5	39.6	34.2	na	na	27.2	26.2
Other causes (m)	56.5	na	87.7	103.3	70.3	na	na	137.1	81.9
All causes	**810.2**	**na**	**960.0**	**1 214.7**	**831.2**	**na**	**na**	**1 519.5**	**991.7**
Other Australians (e)									
Circulatory diseases (I00-I99)	177.8	na	175.5	151.3	177.7	na	na	136.2	173.6
Neoplasms (cancer) (C00-D48)	172.2	na	175.2	162.3	172.2	na	na	183.8	171.6
External causes of morbidity and mortality (V01-Y98)	35.2	na	41.9	41.6	38.8	na	na	51.7	38.5
Endocrine, metabolic and nutritional disorders (E00-E90)	21.9	na	22.8	21.8	24.8	na	na	30.6	22.5
Respiratory diseases (J00-J99)	51.3	na	49.0	46.5	53.1	na	na	59.5	50.4
Digestive diseases (K00-K93)	20.3	na	20.7	18.6	21.2	na	na	20.5	20.3
Kidney Diseases (N00-N29)	9.7	na	8.1	9.4	9.9	na	na	np	9.2
Conditions originating in the perinatal period (P00-P96)	2.6	na	2.7	1.1	1.9	na	na	2.7	2.3
Infectious and parasitic diseases (A00-B99)	12.1	na	8.0	8.1	10.4	na	na	11.7	10.3
Nervous system diseases (G00-G99)	27.0	na	27.2	32.8	34.0	na	na	24.7	28.6
Other causes (m)	55.1	na	49.4	44.4	59.1	na	na	55.4	52.7
All causes	**585.3**	**na**	**580.5**	**538.1**	**603.1**	**na**	**na**	**581.3**	**580.0**

Table EA.38 **Age standardised mortality rates by major cause of death, by Indigenous status (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Vic*	*Qld* (k)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (l)
2012–16 (n)									
Cause of death — Rate (per 100 000 population)									
Aboriginal and Torres Strait Islander people									
Circulatory diseases (I00-I99)	219.5	na	269.1	347.6	212.2	na	na	348.6	266.3
Neoplasms (cancer) (C00-D48)	211.6	na	249.6	229.9	166.6	na	na	321.0	234.2
External causes of morbidity and mortality (V01-Y98)	66.0	na	72.2	118.1	73.3	na	na	127.9	83.6
Endocrine, metabolic and nutritional disorders (E00-E90)	54.0	na	103.4	161.7	93.6	na	na	201.7	102.1
Respiratory diseases (J00-J99)	94.4	na	98.5	112.7	89.7	na	na	158.9	104.8
Digestive diseases (K00-K93)	36.9	na	48.9	55.5	46.6	na	na	67.3	47.1
Kidney Diseases (N00-N29)	17.5	na	15.2	30.1	np	na	na	56.0	23.0
Conditions originating in the perinatal period (P00-P96)	3.2	na	5.1	3.8	np	na	na	10.4	4.7
Infectious and parasitic diseases (A00-B99)	18.3	na	21.3	23.1	27.6	na	na	28.1	21.6
Nervous system diseases (G00-G99)	23.8	na	24.2	34.2	39.3	na	na	27.3	26.8
Other causes (m)	51.9	na	95.1	107.9	85.6	na	na	130.5	82.9
All causes	**797.1**	**na**	**1 002.6**	**1 224.7**	**857.0**	**na**	**na**	**1 477.9**	**997.2**
Other Australians (e)									
Circulatory diseases (I00-I99)	170.8	na	168.1	146.9	170.3	na	na	137.1	166.8
Neoplasms (cancer) (C00-D48)	168.1	na	173.4	159.7	169.6	na	na	180.0	168.5
External causes of morbidity and mortality (V01-Y98)	35.5	na	41.6	42.6	39.6	na	na	50.7	38.8

Table EA.38 **Age standardised mortality rates by major cause of death, by Indigenous status (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Vic*	*Qld* (k)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (l)
Endocrine, metabolic and nutritional disorders (E00-E90)	22.5	na	22.3	21.7	24.3	na	na	29.4	22.6
Respiratory diseases (J00-J99)	51.1	na	48.2	49.8	53.7	na	na	62.0	50.5
Digestive diseases (K00-K93)	20.2	na	20.3	18.5	21.5	na	na	18.7	20.1
Kidney Diseases (N00-N29)	9.1	na	7.5	9.6	9.1	na	na	np	8.8
Conditions originating in the perinatal period (P00-P96)	2.5	na	2.6	1.2	2.0	na	na	2.2	2.3
Infectious and parasitic diseases (A00-B99)	12.0	na	8.0	8.3	10.4	na	na	11.1	10.2
Nervous system diseases (G00-G99)	27.8	na	27.8	32.6	35.6	na	na	22.7	29.3
Other causes (m)	56.3	na	50.7	45.1	61.2	na	na	55.6	54.0
All causes	**575.8**	**na**	**570.6**	**535.9**	**597.4**	**na**	**na**	**574.2**	**571.8**
2013–17 (n)									
Cause of death — Rate (per 100 000 population)									
Aboriginal and Torres Strait Islander people									
Circulatory diseases (I00-I99)	207.8	na	264.0	317.0	222.4	na	na	336.2	255.5
Neoplasms (cancer) (C00-D48)	214.2	na	257.9	218.1	206.6	na	na	312.5	238.2
External causes of morbidity and mortality (V01-Y98)	70.3	na	72.1	112.3	88.4	na	na	121.2	84.6
Endocrine, metabolic and nutritional disorders (E00-E90)	53.6	na	107.7	156.6	83.0	na	na	184.6	100.1
Respiratory diseases (J00-J99)	101.9	na	104.1	112.6	96.1	na	na	150.7	109.1
Digestive diseases (K00-K93)	39.7	na	48.5	54.7	45.7	na	na	70.9	48.3
Kidney Diseases (N00-N29)	14.3	na	14.7	37.6	np	na	na	46.7	21.4

Table EA.38 **Age standardised mortality rates by major cause of death, by Indigenous status (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Vic*	*Qld* (k)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (l)
Conditions originating in the perinatal period (P00-P96)	3.7	na	5.9	4.5	np	na	na	10.9	5.3
Infectious and parasitic diseases (A00-B99)	18.2	na	22.6	21.7	20.7	na	na	26.1	21.0
Nervous system diseases (G00-G99)	25.9	na	22.4	35.7	37.2	na	na	27.4	27.1
Other causes (m)	57.1	na	98.8	108.6	93.9	na	na	127.4	86.4
All causes	**806.6**	**na**	**1 018.6**	**1 179.4**	**912.8**	**na**	**na**	**1 414.5**	**996.8**
Other Australians (e)									
Circulatory diseases (I00-I99)	166.1	na	163.1	141.2	163.0	na	na	131.3	161.6
Neoplasms (cancer) (C00-D48)	164.9	na	171.6	156.1	168.5	na	na	178.8	165.9
External causes of morbidity and mortality (V01-Y98)	35.7	na	41.9	43.3	40.2	na	na	53.2	39.2
Endocrine, metabolic and nutritional disorders (E00-E90)	22.9	na	22.3	21.1	24.8	na	na	29.7	22.8
Respiratory diseases (J00-J99)	51.5	na	48.4	51.2	54.2	na	na	59.9	51.0
Digestive diseases (K00-K93)	20.2	na	20.4	18.5	21.5	na	na	19.4	20.1
Kidney Diseases (N00-N29)	8.7	na	7.1	9.4	8.4	na	na	np	8.3
Conditions originating in the perinatal period (P00-P96)	2.4	na	2.6	1.2	1.9	na	na	2.6	2.2
Infectious and parasitic diseases (A00-B99)	11.7	na	8.2	8.3	9.8	na	na	10.3	10.1
Nervous system diseases (G00-G99)	28.6	na	28.4	32.5	37.4	na	na	20.5	30.1
Other causes (m)	57.5	na	52.6	45.6	64.3	na	na	55.1	55.4
All causes	**570.3**	**na**	**566.7**	**528.3**	**594.0**	**na**	**na**	**564.8**	**566.7**

Table EA.38 **Age standardised mortality rates by major cause of death, by Indigenous status (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Vic*	*Qld* (k)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (l)

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are final, they are no longer revised. Affected data in this table are: 2012, 2013 and 2014 (final), 2015 (revised), 2016 (preliminary). See Explanatory Notes 57-60 in Causes of Death, Australia, 2017 (Cat. no. 3303.0). and Causes of Death Revisions, 2014 Final Data (Technical Note) in Causes of Death, Australia, 2016 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001. Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) Non-Indigenous estimates are available for census years only. In the intervening years, Aboriginal and Torres Strait Islander population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the Indigenous population from the total population. Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases.

(d) Data are reported by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. Only these five states and territories have evidence of a sufficient level of Indigenous identification and sufficient numbers of Indigenous deaths to support mortality analysis.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are presented in five-year groupings due to the volatility of small numbers each year.

(g) Data based on reference year. Death records are provided electronically to the ABS by individual Registrars on a monthly basis for compilation into aggregate statistics on a quarterly and annual basis. One dimension of timeliness in death registrations data is the interval between the occurrence and registration of a death. As a result, a small number of deaths occurring in one year are not registered until the following year or later.

(h) A derived Estimated Resident Population (ERP) based on the 2011 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2011 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2001 to 2026 (Cat. no. 3238.0) (based on the 2011 Census) are used to calculate Aboriginal and Torres Strait Islander rates.

(i) Some totals and figures may not compute due to the effects of rounding.

(j) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 3303.0).

Table EA.38 **Age standardised mortality rates by major cause of death, by Indigenous status (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Vic*	*Qld* (k)	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (l)

(k) Care should be taken when interpreting deaths data for Queensland for 2010 as they are affected by recent changes in the timeliness of birth and deaths registrations. Queensland deaths data for 2010 have been adjusted to minimise the impact of late registration of deaths on mortality indicators.
In November 2010, the Queensland Registrar of Births, Deaths and Marriages advised the ABS of an outstanding deaths registration initiative undertaken by the Registry. This initiative resulted in the November 2010 registration of 374 previously unregistered deaths which occurred between 1992 and 2006 (including a few for which a date of death was unknown). Of these, around three quarters (284) were deaths of Aboriginal and Torres Strait Islander Australians.
The ABS discussed different methods of adjustment of Queensland death registrations data for 2010 with key stakeholders. Following the discussion, a decision was made by the ABS and key stakeholders to use an adjustment method that added together deaths registered in 2010 for usual residents of Queensland which occurred in 2007, 2008, 2009 and 2010. This method minimises the impact on mortality indicators used in various government reports. However, care should still be taken when interpreting Aboriginal and Torres Strait Islander death data for Queensland for 2010. For further details see Technical Note: Registration of outstanding deaths, Queensland 2010, from Deaths, Australia, 2010 (Cat. no. 3302.0).

(l) Total includes data for NSW, Queensland, WA, SA and the NT only. These 5 states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(m) Other causes consist of all conditions excluding the selected causes displayed in the table.

(n) From 2016 reference year, deaths with not stated age have not been prorated.

na Not available.

Source: ABS (unpublished) *Causes of Death, Australia, 2017*, Cat. no. 3303.0.

Table EA.39 **Fetal deaths (a), (b), (c), (d)**

	Unit	NSW	Vic	Qld (e)	WA (e)	SA	Tas	ACT (f)	NT	Aust (f), (g)
2008										
Total all births (h)	no.	100 744	71 564	63 590	32 052	20 324	6 822	4 822	3 965	303 920
Fetal deaths (i)	no.	468	380	422	201	95	47	14	21	1 648
Fetal death rate	per 1000 total births	4.6	5.3	6.6	6.3	4.7	6.9	2.9	5.3	5.4
2009										
Total all births (h)	no.	98 726	71 360	66 590	31 094	19 810	6 684	4 885	3 859	303 033
Fetal deaths (i)	no.	495	432	441	215	75	57	25	39	1 780
Fetal death rate	per 1000 total births	5.0	6.1	6.6	6.9	3.8	8.5	5.1	10.1	5.9
2010										
Total all births (h)	no.	101 765	70 979	64 964	31 609	20 156	6 439	5 224	3 930	305 085
Fetal deaths (i)	no.	499	407	441	185	78	54	72	31	1 767
Fetal death rate	per 1000 total births	4.9	5.7	6.8	5.9	3.9	8.4	13.8	7.9	5.8
2011										
Total all births (h)	no.	99 567	71 844	63 630	32 513	19 981	6 657	5 149	3 988	303 365
Fetal deaths (i)	no.	513	400	377	254	89	49	28	34	1 748
Fetal death rate	per 1000 total births	5.2	5.6	5.9	7.8	4.5	7.4	5.4	8.5	5.8
2012										
Total all births (h)	no.	99 025	77 840	64 289	33 866	20 504	6 213	5 502	4 127	311 414
Fetal deaths (i)	no.	517	435	452	239	71	45	41	23	1 832
Fetal death rate	per 1000 total births	5.2	5.6	7.0	7.1	3.5	7.2	7.5	5.6	5.9
2013										
Total all births (h)	no.	101 023	74 419	63 730	34 721	20 167	6 093	5 574	4 092	309 846
Fetal deaths (i)	no.	561	450	376	205	77	44	29	39	1 781
Fetal death rate	per 1000 total births	5.6	6.0	5.9	5.9	3.8	7.2	5.2	9.5	5.7

Table EA.39 **Fetal deaths (a), (b), (c), (d)**

	Unit	NSW	Vic	Qld (e)	WA (e)	SA	Tas	ACT (f)	NT	Aust (f), (g)
2014										
Total all births (h)	no.	91 479	74 626	63 490	35 641	20 472	6 004	5 595	4 055	301 395
Fetal deaths (i)	no.	405	402	424	238	88	69	43	29	1 698
Fetal death rate	per 1000 total births	4.4	5.4	6.7	6.7	4.3	11.5	7.7	7.2	5.6
2015										
Total all births (h)	no.	100 619	73 916	62 145	35 377	19 671	5 718	5 570	4 042	307 095
Fetal deaths (i)	no.	540	348	400	242	84	38	28	38	1 718
Fetal death rate	per 1000 total births	5.4	4.7	6.4	6.8	4.3	6.6	5.0	9.4	5.6
2016										
Total all births (h)	no.	96 548	83 352	62 247	35 655	19 840	6 017	5 174	3 955	312 828
Fetal deaths (i)	no.	465	460	406	226	68	49	22	28	1 724
Fetal death rate	per 1000 total births	4.8	5.5	6.5	6.3	3.4	8.1	4.3	7.1	5.5
2017										
Total all births (h)	no.	97 082	82 565	61 548	34 734	19 132	5 648	6 247	3 916	310 902
Fetal deaths (i)	no.	491	471	390	236	60	38	40	34	1 760
Fetal death rate	per 1000 total births	5.1	5.7	6.3	6.8	3.1	6.7	6.4	8.7	5.7

(a) These published outputs include 2017 and 2016 preliminary data, 2015 revised data and 2014 final data. The standard ABS revisions process has not yet been applied to the 2015 and 2016 reference years that would, in the past, be subject to revisions in this publication. Causes of death revisions data (will be released in early 2019). See ABS (2018) *Causes of Death 2017* (Cat. no. 3303.0), Explanatory Note 57.

(b) Annual rates fluctuate (in particular, for smaller jurisdictions) as a result of a low incidence of fetal deaths and small populations.

(c) Comparison of numbers of stillbirths recorded in the ABS Death Registrations collection and the National Perinatal Data Collection (NPDC) over the last 13 years shows that for all of Australia a large number of stillbirths have not been included in data submitted to the ABS compared with those reported to the NPDC (an average of 79 per cent of stillbirths included in the NPDC were included in ABS reports) (see https://www.health.qld.gov.au/__data/assets/pdf_file/0031/671584/info-sheet1.pdf). This gap between sources varies by jurisdiction.

(d) There are differences between legislative definitions of stillbirths and data collection practices across jurisdictions that may impact on numbers reported to the ABS and this affects comparability of stillbirth and perinatal mortality rates across jurisdictions.

Table EA.39 **Fetal deaths (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld* (e)	*WA* (e)	*SA*	*Tas*	*ACT* (f)	*NT*	*Aust* (f), (g)

(e) Some fetal deaths occurring in Queensland and WA could be the result of termination of pregnancy at 20 weeks gestation or more.

(f) Data may exclude stillbirth data which were not received or processed by the ABS in time for the finalisation of the 2008 reference year. According to scope rules, these 2008 data will be included in the 2010 reference year.

(g) Data for Australia include Other Territories. Deaths registered on Norfolk Island from 1 July 2016 are included in this table for the first time.

(h) All births is the number of live births and fetal deaths combined. Fetal deaths by definition include only infants of a gestational age of at least 20 weeks or weighing at least 400 grams.

(i) Fetal death (stillbirth) is the birth of a child who did not at any time after delivery breathe or show any other evidence of life, such as a heartbeat. Fetal deaths by definition include only infants of a gestational age of at least 20 weeks or weighing at least 400 grams.

Source : ABS 2018, *Causes of Deaths, Australia, 2017* , Cat. no. 3303.0, Canberra.

Table EA.40 **Neonatal deaths (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (e)
2008										
Total live births (f)	no.	100 276	71 184	63 168	31 851	20 229	6 775	4 808	3 944	302 272
Neonatal deaths (g)	no.	317	187	209	60	37	15	17	10	853
Neonatal death rate	per 1000 live births	3.2	2.6	3.3	1.9	1.8	2.2	3.5	2.5	2.8
2009										
Total live births (f)	no.	98 231	70 928	66 149	30 879	19 735	6 627	4 860	3 820	301 253
Neonatal deaths (g)	no.	287	204	253	58	48	14	9	18	891
Neonatal death rate	per 1000 live births	2.9	2.9	3.8	1.9	2.4	2.1	1.9	4.7	3.0
2010										
Total live births (f)	no.	101 266	70 572	64 523	31 424	20 078	6 385	5 152	3 899	303 318
Neonatal deaths (g)	no.	279	159	243	68	44	16	15	18	842
Neonatal death rate	per 1000 live births	2.8	2.3	3.8	2.2	2.2	2.5	2.9	4.6	2.8
2011										
Total live births (f)	no.	99 054	71 444	63 253	32 259	19 892	6 608	5 121	3 954	301 617
Neonatal deaths (g)	no.	284	185	199	63	30	18	9	17	805
Neonatal death rate	per 1000 live births	2.9	2.6	3.1	2.0	1.5	2.7	1.8	4.3	2.7
2012										
Total live births (f)	no.	98 508	77 405	63 837	33 627	20 433	6 168	5 461	4 104	309 582
Neonatal deaths (g)	no.	229	164	190	46	49	18	14	16	726
Neonatal death rate	per 1000 live births	2.3	2.1	3.0	1.4	2.4	2.9	2.6	3.9	2.3
2013										
Total live births (f)	no.	100 462	73 969	63 354	34 516	20 090	6 049	5 545	4 053	308 065
Neonatal deaths (g)	no.	257	159	202	54	47	14	10	20	763
Neonatal death rate	per 1000 live births	2.6	2.1	3.2	1.6	2.3	2.3	1.8	4.9	2.5

Table EA.40 **Neonatal deaths (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (e)
2014										
Total live births (f)	no.	91 074	74 224	63 066	35 403	20 384	5 935	5 552	4 026	299 697
Neonatal deaths (g)	no.	235	147	196	51	33	24	11	17	714
Neonatal death rate	per 1000 live births	2.6	2.0	3.1	1.4	1.6	4.0	2.0	4.2	2.4
2015										
Total live births (f)	no.	100 079	73 568	61 745	35 135	19 587	5 680	5 542	4 004	305 377
Neonatal deaths (g)	no.	247	123	188	54	44	17	14	19	707
Neonatal death rate	per 1000 live births	2.5	1.7	3.0	1.5	2.2	3.0	2.5	4.7	2.3
2016										
Total live births (f)	no.	96 083	82 892	61 841	35 429	19 772	5 968	5 152	3 927	311 104
Neonatal deaths (g)	no.	196	160	187	67	41	20	12	17	700
Neonatal death rate	per 1000 live births	2.0	1.9	3.0	1.9	2.1	3.4	2.3	4.3	2.3
2017										
Total live births (f)	no.	96 591	82 094	61 158	34 498	19 072	5 610	6 207	3 882	309 142
Neonatal deaths (g)	no.	202	199	188	62	37	16	14	25	744
Neonatal death rate	per 1000 live births	2.1	2.4	3.1	1.8	1.9	2.9	2.3	6.4	2.4

(a) These published outputs include 2017 and 2016 preliminary data, 2015 revised data and 2014 final data. The standard ABS revisions process has not yet been applied to the 2015 and 2016 reference years that would, in the past, be subject to revisions in this publication. Causes of death revisions data (will be released in early 2019). See ABS (2018) *Causes of Death 2017* (Cat. no. 3303.0), Explanatory Note 57.

(b) Annual rates fluctuate (in particular, for smaller jurisdictions) as a result of a low incidence of neonatal deaths and small populations.

(c) Comparison of numbers of stillbirths recorded in the ABS Death Registrations collection and the National Perinatal Data Collection (NPDC) over the last 13 years shows that for all of Australia a large number of stillbirths have not been included in data submitted to the ABS compared with those reported to the NPDC (an average of 79 per cent of stillbirths included in the NPDC were included in ABS reports) (see https://www.health.qld.gov.au/__data/assets/pdf_file/0031/671584/info-sheet1.pdf). This gap between sources varies by jurisdiction.

(d) There are differences between legislative definitions of stillbirths and data collection practices across jurisdictions that may impact on numbers reported to the ABS and this affects comparability of stillbirth and perinatal mortality rates across jurisdictions.

Table EA.40 **Neonatal deaths (a), (b), (c), (d)**

Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (e)

(e) Data for Australia include Other Territories. Deaths registered on Norfolk Island from 1 July 2016 are included in this table for the first time.

(f) Total live births are all live births registered in the calendar year.

(g) A neonatal death is the death within 28 days of birth of a child who after delivery, breathes or shows any evidence of life such as a heartbeat.

Source : ABS 2018, *Causes of Deaths, Australia, 2017* , Cat. no. 3303.0, Canberra.

Table EA.41 **Perinatal deaths (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust* (e), (f)
2008										
Total all births (g)	no.	100 744	71 564	63 590	32 052	20 324	6 822	4 822	3 965	303 920
Perinatal deaths (h)	no.	785	567	631	261	132	62	31	31	2 501
Perinatal death rate	per 1000 total births	7.8	7.9	9.9	8.1	6.5	9.1	6.4	7.8	8.2
2009										
Total all births (g)	no.	98 726	71 360	66 590	31 094	19 810	6 684	4 885	3 859	303 033
Perinatal deaths (h)	no.	782	636	694	273	123	71	34	57	2 671
Perinatal death rate	per 1000 total births	7.9	8.9	10.4	8.8	6.2	10.6	7.0	14.8	8.8
2010										
Total all births (g)	no.	101 765	70 979	64 964	31 609	20 156	6 439	5 224	3 930	305 085
Perinatal deaths (h)	no.	778	566	684	253	122	70	87	49	2 609
Perinatal death rate	per 1000 total births	7.6	8.0	10.5	8.0	6.1	10.9	16.7	12.5	8.6
2011										
Total all births (g)	no.	99 567	71 844	63 630	32 513	19 981	6 657	5 149	3 988	303 365
Perinatal deaths (h)	no.	797	585	576	317	119	67	37	51	2 553
Perinatal death rate	per 1000 total births	8.0	8.1	9.1	9.7	6.0	10.1	7.2	12.8	8.4
2012										
Total all births (g)	no.	99 025	77 840	64 289	33 866	20 504	6 213	5 502	4 127	311 414
Perinatal deaths (h)	no.	746	599	642	285	120	63	55	39	2 558
Perinatal death rate	per 1000 total births	7.5	7.7	10.0	8.4	5.9	10.1	10.0	9.4	8.2
2013										
Total all births (g)	no.	101 023	74 419	63 730	34 721	20 167	6 093	5 574	4 092	309 846
Perinatal deaths (h)	no.	818	609	578	259	124	58	39	59	2 544
Perinatal death rate	per 1000 total births	8.1	8.2	9.1	7.5	6.1	9.5	7.0	14.4	8.2

Table EA.41 **Perinatal deaths (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust* (e), (f)
2014										
Total all births (g)	no.	91 479	74 626	63 490	35 641	20 472	6 004	5 595	4 055	301 395
Perinatal deaths (h)	no.	640	549	620	289	121	93	54	46	2 412
Perinatal death rate	per 1000 total births	7.0	7.4	9.8	8.1	5.9	15.5	9.7	11.3	8.0
2015										
Total all births (g)	no.	100 619	73 916	62 145	35 377	19 671	5 718	5 570	4 042	307 095
Perinatal deaths (h)	no.	787	471	588	296	128	55	42	57	2 425
Perinatal death rate	per 1000 total births	7.8	6.4	9.5	8.4	6.5	9.6	7.5	14.1	7.9
2016										
Total all births (g)	no.	96 548	83 352	62 247	35 655	19 840	6 017	5 174	3 955	312 828
Perinatal deaths (h)	no.	661	620	593	293	109	69	34	45	2 424
Perinatal death rate	per 1000 total births	6.8	7.4	9.5	8.2	5.5	11.5	6.6	11.4	7.7
2017										
Total all births (g)	no.	97 082	82 565	61 548	34 734	19 132	5 648	6 247	3 916	310 902
Perinatal deaths (h)	no.	693	670	578	298	97	54	54	59	2 504
Perinatal death rate	per 1000 total births	7.1	8.1	9.4	8.6	5.1	9.6	8.6	15.1	8.1

(a) These published outputs include 2017 and 2016 preliminary data, 2015 revised data and 2014 final data. The standard ABS revisions process has not yet been applied to the 2015 and 2016 reference years that would, in the past, be subject to revisions in this publication. Causes of death revisions data (will be released in early 2019). See ABS (2018) *Causes of Death 2017* (Cat. no. 3303.0), Explanatory Note 57.

(b) Annual rates fluctuate (in particular, for smaller jurisdictions) as a result of a low incidence of perinatal deaths.

(c) Comparison of numbers of stillbirths recorded in the ABS Death Registrations collection and the National Perinatal Data Collection (NPDC) over the last 13 years shows that for all of Australia a large number of stillbirths have not been included in data submitted to the ABS compared with those reported to the NPDC (an average of 79 per cent of stillbirths included in the NPDC were included in ABS reports) (see https://www.health.qld.gov.au/__data/assets/pdf_file/0031/671584/info-sheet1.pdf). This gap between sources varies by jurisdiction.

(d) There are differences between legislative definitions of stillbirths and data collection practices across jurisdictions that may impact on numbers reported to the ABS and this affects comparability of stillbirth and perinatal mortality rates across jurisdictions.

Table EA.41 **Perinatal deaths (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust* (e), (f)

(e) Data may exclude stillbirth data which were not received or processed by the ABS in time for the finalisation of the 2008 reference year. According to scope rules, these 2008 data will be included in the 2010 reference year.

(f) Data for Australia include 'Other Territories'. Deaths registered on Norfolk Island from 1 July 2016 are included in this table for the first time.

(g) Total all births is the number live births and fetal deaths combined. Fetal deaths by definition include only infants of a gestational age of at least 20 weeks or weighing at least 400 grams.

(h) Perinatal deaths are fetal and neonatal deaths combined. Fetal deaths exclude those records where gestational age was less than 20 weeks or birthweight was known to be less than 400 grams.

Source: ABS 2018, *Causes of Deaths, Australia, 2017*, Cat. no. 3303.0, Canberra.

Table EA.42 **Perinatal, neonatal and fetal deaths (a), (b)**

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total (c)
2009–13										
Aboriginal and Torres Strait Islander Australians										
Total all births (e)	no.	28 060	na	26 775	12 758	4 610	na	na	7 742	79 945
Total live births (h)	no.	27 966	na	26 591	12 656	4 607	na	na	7 640	79 460
Fetal deaths (d)	no.	94	na	184	102	3	na	na	102	485
Neonatal deaths (g)	no.	71	na	122	40	17	na	na	60	310
Perinatal deaths (i)	no.	165	na	306	142	19	na	na	162	794
Fetal death rate	per 1000 total births	3.3	na	6.9	8.0	np	na	na	13.2	6.1
Neonatal death rate	per 1000 live births	2.5	na	4.6	3.2	3.7	na	na	7.9	3.9
Perinatal death rate	per 1000 total births	5.9	na	11.4	11.1	4.1	na	na	20.9	9.9
Other Australians (f)										
Total all births (e)	no.	472 046	na	296 428	151 045	96 009	na	na	12 254	1 027 782
Total live births (h)	no.	469 555	na	294 525	150 049	95 621	na	na	12 190	1 021 940
Fetal deaths (d)	no.	2 491	na	1 903	996	388	na	na	64	5 842
Neonatal deaths (g)	no.	1 265	na	953	249	201	na	na	29	2 697
Perinatal deaths (i)	no.	3 756	na	2 856	1 245	589	na	na	93	8 539
Fetal deathrate	per 1000 total births	5.3	na	6.4	6.6	4.0	na	na	5.2	5.7
Neonatal death rate	per 1000 live births	2.7	na	3.2	1.7	2.1	na	na	2.4	2.6
Perinatal death rate	per 1000 total births	8.0	na	9.6	8.2	6.1	na	na	7.6	8.3
2010–14										
Aboriginal and Torres Strait Islander Australians										
Total all births (e)	no.	27 939	na	4 837	26 824	13 056	na	na	7 667	80 323
Total live births (h)	no.	27 848	na	4 667	26 726	13 055	na	na	7 579	79 875
Fetal deaths (d)	no.	91	na	170	98	1	na	na	88	448
Neonatal deaths (g)	no.	82	na	112	47	16	na	na	60	317

Table EA.42 **Perinatal, neonatal and fetal deaths (a), (b)**

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total (c)
Perinatal deaths (i)	no.	173	na	282	145	18	na	na	148	766
Fetal death rate	per 1000 total births	3.3	na	6.3	7.5	np	na	na	11.5	5.6
Neonatal death rate	per 1000 live births	2.9	na	4.2	3.6	3.4	na	na	7.9	4.0
Perinatal death rate	per 1000 total births	6.2	na	10.5	11.0	3.9	na	na	19.3	9.5
Other Australians (f)										
Total all births (e)	no.	464 796	na	293 204	154 962	96 609	na	na	12 525	1 022 096
Total live births (h)	no.	462 516	na	291 307	154 174	96 210	na	na	12 457	1 016 664
Fetal deaths (d)	no.	2 280	na	1 897	788	399	na	na	68	5 432
Neonatal deaths (g)	no.	1 189	na	869	214	182	na	na	28	2 482
Perinatal deaths (i)	no.	3 469	na	2 766	1 002	581	na	na	96	7 914
Fetal deathrate	per 1000 total births	4.9	na	6.5	5.2	4.2	na	na	5.4	5.3
Neonatal death rate	per 1000 live births	2.6	na	3.0	1.4	1.9	na	na	2.3	1.8
Perinatal death rate	per 1000 total births	7.5	na	9.5	6.7	6.1	na	na	7.7	7.7
2011–15										
Aboriginal and Torres Strait Islander Australians										
Total all births (e)	no.	28 338	na	26 779	13 807	4 701	na	na	7 463	81 088
Total live births (h)	no.	28 237	na	26 632	13 703	4 700	na	na	7 376	80 648
Fetal deaths (d)	no.	101	na	147	104	1	na	na	87	440
Neonatal deaths (g)	no.	75	na	112	43	20	na	na	60	310
Perinatal deaths (i)	no.	176	na	259	147	21	na	na	147	750
Fetal death rate	per 1000 total births	3.6	na	5.5	7.5	np	na	na	11.7	5.4
Neonatal death rate	per 1000 live births	2.7	na	4.2	3.1	4.3	na	na	8.1	3.8
Perinatal death rate	per 1000 total births	6.2	na	9.7	10.6	4.5	na	na	19.7	9.2
Other Australians (f)										
Total all births (e)	no.	462 802	na	289 525	154 117	94 722	na	na	12 825	1 013 991

Table EA.42 **Perinatal, neonatal and fetal deaths (a), (b)**

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total (c)
Total live births (h)	no.	460 473	na	287 645	153 284	94 316	na	na	12 749	1 008 467
Fetal deaths (d)	no.	2 329	na	1 880	833	406	na	na	76	5 524
Neonatal deaths (g)	no.	1 170	na	831	198	179	na	na	29	2 407
Perinatal deaths (i)	no.	3 499	na	2 711	1 031	585	na	na	105	7 931
Fetal deathrate	per 1000 total births	5.0	na	6.5	5.4	4.3	na	na	5.9	5.4
Neonatal death rate	per 1000 live births	2.5	na	2.9	1.3	1.9	na	na	2.3	2.4
Perinatal death rate	per 1000 total births	7.6	na	9.4	6.7	6.2	na	na	8.2	7.8
2012–16										
Aboriginal and Torres Strait Islander Australians										
Total all births (e)	no.	28 492	na	26 946	14 062	4 716	na	na	7 284	81 498
Total live births (h)	no.	28 393	na	26 786	13 965	4 713	na	na	7 206	81 063
Fetal deaths (d)	no.	99	na	160	97	3	na	na	78	435
Neonatal deaths (g)	no.	75	na	113	39	20	na	na	65	312
Perinatal deaths (i)	no.	174	na	273	136	21	na	na	143	747
Fetal death rate	per 1000 total births	3.5	na	5.9	6.9	np	na	na	10.7	5.3
Neonatal death rate	per 1000 live births	2.6	na	4.2	2.8	4.2	na	na	9.0	3.8
Perinatal death rate	per 1000 total births	6.1	na	10.1	9.7	4.5	na	na	19.6	9.2
Other Australians (f)										
Total all births (e)	no.	459 686	na	288 144	157 542	94 622	na	na	12 968	1 012 962
Total live births (h)	no.	457 381	na	286 248	156 705	94 237	na	na	12 889	1 007 460
Fetal deaths (d)	no.	2 305	na	1 896	837	385	na	na	79	5 502
Neonatal deaths (g)	no.	1 082	na	822	205	191	na	na	24	2 324
Perinatal deaths (i)	no.	3 387	na	2 718	1 042	576	na	na	103	7 826
Fetal deathrate	per 1000 total births	5.0	na	6.6	5.3	4.1	na	na	6.1	5.4
Neonatal death rate	per 1000 live births	2.4	na	2.9	1.3	2.0	na	na	1.9	2.3

Table EA.42 **Perinatal, neonatal and fetal deaths (a), (b)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (c)
Perinatal death rate	per 1000 total births	7.4	na	9.4	6.6	6.1	na	na	7.9	7.7
2013–17										
Aboriginal and Torres Strait Islander Australians										
Total all births (e)	no.	29 123	na	27 897	14 188	4 860	na	na	7 090	83 156
Total live births (h)	no.	29 029	na	27 716	14 090	4 857	na	na	7 010	82 702
Fetal deaths (d)	no.	94	na	181	98	3	na	na	80	454
Neonatal deaths (g)	no.	86	na	131	47	19	na	na	66	349
Perinatal deaths (i)	no.	180	na	312	145	20	na	na	146	803
Fetal death rate	per 1000 total births	3.2	na	6.5	6.9	np	na	na	11.3	5.5
Neonatal death rate	per 1000 live births	3.0	na	4.7	3.3	3.9	na	na	9.4	4.2
Perinatal death rate	per 1000 total births	6.2	na	11.2	10.2	4.1	na	na	20.6	9.7
Other Australians (f)										
Total all births (e)	no.	457 089	na	284 619	158 379	93 121	na	na	12 959	1 006 167
Total live births (h)	no.	454 801	na	282 804	157 481	92 746	na	na	12 871	1 000 703
Fetal deaths (d)	no.	2 288	na	1 815	898	375	na	na	88	5 464
Neonatal deaths (g)	no.	1 041	na	813	216	182	na	na	32	2 284
Perinatal deaths (i)	no.	3 329	na	2 628	1 114	557	na	na	120	7 748
Fetal deathrate	per 1000 total births	5.0	na	6.4	5.7	4.0	na	na	6.8	5.4
Neonatal death rate	per 1000 live births	2.3	na	2.9	1.4	2.0	na	na	2.5	2.3
Perinatal death rate	per 1000 total births	7.3	na	9.2	7.0	6.0	na	na	9.3	7.7

(a) These published outputs include 2017 and 2016 preliminary data, 2015 revised data and 2014 final data. The standard ABS revisions process has not yet been applied to the 2015 and 2016 reference years that would, in the past, be subject to revisions in this publication. Causes of death revisions data (will be released in early 2019). See ABS (2018) *Causes of Death 2017* (Cat. no. 3303.0), Explanatory Note 57.

(b) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These 5 states have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths.

Table EA.42 **Perinatal, neonatal and fetal deaths (a), (b)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total* (c)

(c) Total includes data for NSW, Queensland, WA, SA and the NT only.

(d) Fetal death (stillbirth) is the birth of a child who did not at any time after delivery breathe or show any other evidence of life, such as a heartbeat. Fetal deaths by definition include only infants of a gestational age of at least 20 weeks or weighing at least 400 grams.

(e) Total all births is the number of live births and fetal deaths combined. Fetal deaths by definition include only infants of a gestational age of at least 20 weeks or weighing at least 400 grams.

(f) Other Australians includes Indigenous status not stated.

(g) A neonatal death is the death within 28 days of birth of a child who after delivery, breathes or shows any evidence of life such as a heartbeat.

(h) Total live births are all live births registered in the calendar year.

(i) Perinatal deaths are fetal and neonatal deaths combined. Fetal deaths exclude those records where gestational age was less than 20 weeks or birthweight was known to be less than 400 grams.

na Not available.

Source : ABS 2018, *Deaths, Australia, 2017* , Cat. no. 3302.0, Canberra; ABS 2018, *Causes of Deaths, Australia, 2017* , Cat. no. 3303.0, Canberra.

Table EA.43 **Employed medical practitioners (a), (b), (c), (d), (e), (f), (g), (h)**

	NSW (i)	*Vic* (j)	*Qld* (k), (l)	WA (l), (m)	*SA* (n)	*Tas* (o), (p)	*ACT* (q)	*NT* (r)	*Aust* (s)
Practitioner rate (per 100 000 population)									
2008	310.7	329.2	315.2	315.7	348.4	300.9	447.5	378.4	322.2
2009	311.8	337.3	342.1	337.3	357.3	365.6	470.7	443.3	335.3
2010	342.0	345.8	na	na	380.4	349.6	420.2	352.1	na
2011	352.8	351.0	349.7	326.0	386.5	354.7	425.3	421.1	353.4
2012 (g)	350.0	347.2	348.0	326.0	380.0	347.3	416.7	427.3	350.4
2013	362.7	349.9	348.1	332.3	384.6	360.6	433.4	417.4	356.7
2014	365.8	358.5	359.4	344.2	392.7	369.3	425.9	443.0	364.2
2015	369.5	363.9	367.4	352.3	394.7	368.8	433.3	450.4	369.7
2016	na	na	na	na	na	na	na	na	na
2017	na	na	na	na	na	na	na	na	na
FTE practitioner rate (per 100 000 population) based on 40-hour week									
2008	333.6	352.4	321.8	329.1	359.7	305.0	489.6	400.1	339.9
2009	326.3	355.1	355.6	352.7	363.6	362.7	508.6	472.7	349.6
2010	373.7	371.4	na	na	409.4	372.4	458.0	378.6	378.8
2011	385.5	375.3	378.4	349.0	409.0	374.9	468.1	462.8	381.4
2012 (g)	378.0	366.5	373.2	343.6	401.1	359.2	454.1	466.1	373.9
2013	390.4	373.0	373.5	349.0	413.0	374.9	478.6	454.1	381.7
2014	392.0	380.0	383.8	358.5	414.7	380.7	468.6	480.1	387.4
2015	394.3	386.5	392.6	362.9	412.3	382.4	481.7	498.7	392.3
2016	400.1	385.2	410.3	379.8	417.3	394.2	473.2	519.5	400.0
2017	409.4	394.8	423.0	392.3	425.3	404.6	478.0	540.6	410.5

Table EA.43 **Employed medical practitioners (a), (b), (c), (d), (e), (f), (g), (h)**

	NSW (i)	*Vic* (j)	*Qld* (k), (l)	WA (l), (m)	*SA* (n)	*Tas* (o), (p)	*ACT* (q)	*NT* (r)	*Aust* (s)
FTE employed medical practitioner, rate per 100 000 population based on a 40-hour week, by age, 2017									
< 25 years	0.9	1.1	1.3	0.3	0.4	1.0	–	0.4	0.9
25–34	101.8	108.8	112.2	102.9	110.5	99.9	113.7	171.7	107.3
35–44	105.3	106.3	116.6	110.9	106.3	97.0	129.1	167.0	109.5
45–54	89.2	82.0	95.8	89.6	98.1	91.0	118.1	98.4	90.0
55–64	73.5	65.3	69.5	62.9	76.1	84.9	86.6	78.0	70.2
65 years or over	38.7	31.3	27.6	25.7	33.8	30.9	30.6	25.0	32.4

FTE = Full time equivalent. Historical data have been revised for updated populations and may differ from previous reports.

(a) FTE rate (FTE per 100 000 people) is based on a standard full-time working week of 40 hours.

(b) Data from 2011 include medical practitioners who are employed in medicine and exclude practitioners on extended leave and/or looking for work. Data for 2009 and previous years include practitioners who are employed, on extended leave and/or looking for work.

(c) Due to rounding of average hours worked, the sum of states and territories' FTE rates may not add up to total FTE rate for Australia and the sum of age groups FTE rates may not add up to total FTE rate for each state. The Australian total includes employed practitioners who did not state or adequately describe their location and employed practitioners who are overseas.

(d) From 2011, State and territory is derived from main job location details where available; otherwise principal practice details is used as a proxy. If principal practice details are unavailable, place of residence details is used. Records with no information on all three locations are coded to 'Not stated'. The exceptions are medical radiation practitioners and occupational therapists in the allied health workforce, state and territory for these professionals is derived from principal practice details.

(e) Introduction of a national data collection tool in 2010 resulted in a slight change in patterns of responses to employment-related questions. Prior to 2010, survey questions were not consistent across jurisdictions. Caution should be used in comparing data over time and, particularly for years prior to 2010, between jurisdictions.

(f) Rates are derived using ABS ERPs as at June 2017.

(g) For 2012 and subsequent years, data exclude provisional registrants.

(h) For more information on data quality, including collection methodologies and data limitations, see the ABS website (Cat. no. 3101.0).

(i) Prior to 2010, NSW data are based on responses to the AIHW Medical Labour Force Survey weighted to financial registrants holding general, conditional specialist, limited prescribing and referring or non-practising registration.

Table EA.43 **Employed medical practitioners (a), (b), (c), (d), (e), (f), (g), (h)**

	NSW (i)	*Vic* (j)	*Qld* (k), (l)	WA (l), (m)	*SA* (n)	*Tas* (o), (p)	*ACT* (q)	*NT* (r)	*Aust* (s)

(j) In 2009, Victoria surveyed only general, specific and provisional registered medical practitioners in the Medical Labour Force Survey but responses are weighted to all registered medical practitioners.

(k) In 2009, Queensland data are based on responses to the Medical Labour Force Survey weighted to all registrants excluding some conditional registration types.

(l) Due to transitional arrangements, many medical radiation practitioners and occupational therapists in Queensland and Western Australia were not required to renew their registrations and, as a result did not complete a workforce survey. As a consequence, data for Queensland and Western Australia for these professions are excluded.

(m) For WA, in 2009, the scope was consistent, that is, the survey population and the benchmark figures are based on general and conditional registrants. The benchmark data includes a significant number of registered medical practitioners that are no longer active in the workforce. This inflates the perception of the medical labour force in WA. It is also unknown how significantly past years have been affected. Care should be taken when interpreting these figures.

(n) Due to transitional arrangements, many occupational therapists in South Australia were not required to renew their registrations and, as a result did not complete a workforce survey. As a consequence, data for South Australia for this profession are excluded.

(o) Prior to 2010, Tasmania data are based on responses to the AIHW Medical Labour Force Survey weighted to general registrants, conditionally registered specialists and non-practising registrants only.

(p) Due to transitional arrangements, many medical radiation practitioners in Tasmania were not required to renew their registrations and, as a result did not complete a workforce survey. As a consequence, data for Tasmania for this profession are excluded.

(q) Caution should be used in comparing data for the ACT with other jurisdictions. Rates for the ACT are inflated as many services are provided to southern NSW residents not captured in the denominator. In addition, a relatively high proportion of practitioners work in non-clinical roles such as educational facilities, the defence force and other government agencies, compared to other jurisdictions.

(r) Comparisons with NT data should be made with caution due to changes in doctors' registration requirements — in particular, nationally registered doctors providing fly in fly out services are no longer required to register in the NT.

(s) Data for Australia include employed practitioners where state or territory is unidentified and employed practitioners who are overseas.

– Nil or rounded to zero. **na** Not available.

Source : AIHW (unpublished) National Health Workforce Data Set; AIHW (unpublished) Medical Labour Force Survey; ABS (2017 and previous years) *Australian Demographic Statistics, December 2017* , Cat. no. 3101.0.

Table EA.44 **Employed nurses and midwives (a), (b), (c), (d), (e), (f), (g), (h)**

	NSW	*Vic* (i)	*Qld* (j)	*WA* (k)	*SA*	*Tas* (l)	*ACT*	*NT* (m)	*Aust* (n)
Nurses and midwives rate (per 100 000 population)									
2008	1 116.8	1 391.4	1 140.1	1 215.1	1 625.3	1 471.5	1 284.5	1 826.5	1 255.5
2009	1 110.2	1 385.7	1 169.5	1 185.9	1 712.0	1 464.8	1 275.3	1 814.4	1 260.7
2010 (c)	na	na	na	na	na	na	na	na	na
2011	1 109.8	1 428.2	1 247.3	1 217.7	1 668.3	1 450.1	1 275.1	1 514.5	1 283.4
2012	1 111.4	1 406.0	1 239.0	1 225.0	1 663.6	1 393.7	1 257.2	1 589.1	1 276.3
2013	1 138.1	1 387.1	1 229.4	1 230.0	1 668.6	1 431.4	1 267.0	1 568.7	1 280.0
2014	1 143.3	1 385.2	1 236.3	1 222.8	1 661.3	1 437.4	1 288.3	1 601.9	1 282.1
2015	1 137.9	1 386.4	1 277.6	1 238.3	1 653.4	1 457.0	1 280.1	1 518.2	1 289.5
2016	na	na	na	na	na	na	na	na	na
2017	na	na	na	na	na	na	na	na	na
FTE nurses and midwives, rate per 100 000 population based on a 38-hour week									
2008	1 014.0	1 182.7	1 014.1	1 042.4	1 402.9	1 301.1	1 169.6	1 826.5	1 103.5
2009	1 005.0	1 166.9	1 043.4	1 008.0	1 468.8	1 279.7	1 167.9	1 800.1	1 104.8
2010 (c)	na	na	na	na	na	na	na	na	na
2011	992.9	1 182.1	1 091.2	1 036.5	1 387.9	1 239.4	1 163.6	1 503.8	1 106.8
2012	1 013.3	1 188.3	1 106.6	1 061.6	1 416.3	1 179.0	1 182.1	1 609.8	1 122.6
2013	1 062.1	1 211.1	1 122.5	1 094.2	1 443.4	1 256.9	1 213.1	1 633.5	1 155.1
2014	1 044.4	1 189.1	1 111.4	1 064.5	1 401.4	1 239.5	1 208.2	1 611.5	1 134.6
2015	1 035.6	1 190.8	1 143.7	1 070.2	1 385.3	1 260.5	1 192.3	1 534.7	1 137.4
2016	1 046.5	1 167.5	1 180.6	1 094.0	1 364.4	1 269.1	1 210.0	1 627.0	1 145.3
2017	1 053.9	1 176.6	1 199.9	1 097.3	1 365.2	1 296.4	1 210.0	1 658.4	1 155.1

Table EA.44 **Employed nurses and midwives (a), (b), (c), (d), (e), (f), (g), (h)**

	NSW	*Vic* (i)	*Qld* (j)	*WA* (k)	*SA*	*Tas* (l)	*ACT*	*NT* (m)	*Aust* (n)
FTE nurses and midwives, rate per 100 000 population based on a 38-hour week, by age, 2017									
< 25 years	55.6	70.0	73.0	64.4	56.6	73.3	65.8	68.5	64.5
25–34	253.2	308.8	262.3	245.3	271.5	238.4	333.9	465.9	273.0
35–44	216.8	238.4	263.3	236.5	280.2	213.9	280.0	359.4	240.6
45–54	248.4	285.4	322.1	290.8	374.6	380.4	279.3	362.5	290.5
55–64	240.5	238.3	243.9	226.6	343.0	352.8	222.5	340.9	249.5
65 years or over	39.3	35.8	35.3	33.7	39.3	37.7	28.5	61.2	37.0

FTE = Full time equivalent. Historical data have been revised for updated populations and may differ from previous reports.

(a) Data from 2010 include registered and enrolled nurses and midwives who are employed in nursing and exclude nurses and midwives on extended leave. Data for 2009 and previous years include practitioners who are employed, on extended leave and/or looking for work.

(b) FTE rate (FTE per 100 000 people) is based on standard full-time working week of 38 hours.

(c) Data not collected in 2010.

(d) Due to rounding of average hours worked, the sum of states and territories' FTE rates may not add up to total FTE rate for Australia and the sum of age groups FTE rates may not add up to total FTE rate for each state. The Australian total includes employed practitioners who did not state or adequately describe their location and employed practitioners who are overseas.

(e) From 2011, State and territory is derived from main job location details where available; otherwise principal practice details is used as a proxy. If principal practice details are unavailable, place of residence details is used. Records with no information on all three locations are coded to 'Not stated'. The exceptions are medical radiation practitioners and occupational therapists in the allied health workforce, state and territory for these professionals is derived from principal practice details.

(f) Introduction of a national data collection tool in 2010 resulted in a slight change in patterns of responses to employment-related questions. Prior to 2010, survey questions were not consistent across jurisdictions. Caution should be used in comparing data over time and, particularly for years prior to 2010, between jurisdictions.

(g) Rates are derived using ABS ERPs as at June 2017.

(h) For more information on data quality, including collection methodologies and data limitations, see the ABS website.

(i) In 2008 Victorian data was affected by large numbers of online survey records not being able to be used for technical reasons. Estimates for Victoria for 2008 and 2009 should be treated with caution due to low response rate (33.3 per cent and 31.7 per cent respectively).

Table EA.44 **Employed nurses and midwives (a), (b), (c), (d), (e), (f), (g), (h)**

	NSW	*Vic* (i)	*Qld* (j)	*WA* (k)	*SA*	*Tas* (l)	*ACT*	*NT* (m)	*Aust* (n)

(j) Queensland estimates for 2008 and 2009 should be treated with caution due to low response rates (33.9, 32.9 and 28.2 per cent, respectively). Benchmark data for Queensland in 2009 was estimated by using the total from a summary table provided to AIHW by Queensland Health prorated to the age distribution of 2008.

(k) Estimates for WA for 2008 and 2009 should be treated with caution due to low response rates (36.7, 34.4 and 35.4 per cent, respectively). Benchmark data for WA in 2009 was estimated by using the total from the Nursing board annual report prorated to the age distribution of 2008.

(l) Estimates for Tasmania for 2009 should be treated with caution due to low response rate (33.2 per cent). Differences between 2008 and 2009 for Tasmanian data in particular may be caused by the large decline in the response rate for that jurisdiction (from 56.9 to 33.2 per cent).

(m) Estimates for the NT for 2008 and 2009 should be treated with caution due to low response rates (28.7, 34.9 and 32.8 per cent, respectively). Benchmark data for the Northern Territory in 2009 was estimated by using the total from the Nursing board quarterly bulletin report prorated to the age distribution of 2008. Data for the NT is affected by the transient nature of the nursing labour force in that jurisdiction. According to the Nursing Board Annual Report, approximately one-third of all nurses do not re-register each year, primarily because they no longer practise in the jurisdiction. There has been some variation across years in the degree to which nurses who are interstate have been removed from the renewal process and hence the survey.

(n) Data for Australia include employed practitioners where state or territory is unidentified and employed practitioners who are overseas.

na Not available.

Source : AIHW (unpublished) National Health Workforce Data Set; AIHW (unpublished) Nursing and Midwifery Labour Force Survey; ABS (2017 and previous years) *Australian Demographic Statistics, December 2017* , Cat. no. 3101.0.

Table EA.45 **Employed allied health practitioners (a), (b), (c), (d), (e), (f), (g)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (h)	*NT*	*Aust*
FTE employed allied health practitioners rate (per 100 000 population) based on a 38-hour week									
2012 (i)	406.2	439.9	302.4	321.0	356.0	311.6	482.9	401.1	379.9
2013	419.4	452.0	406.9	427.9	423.6	360.1	507.0	414.3	426.3
2014	427.1	462.5	418.2	433.0	434.4	378.0	534.9	418.7	435.9
2015	na	na	na	na	na	na	na	na	na
2016	446.9	470.6	447.1	460.8	452.4	394.0	550.0	417.1	455.2
2017	457.1	478.5	460.9	472.9	462.9	397.7	574.4	427.4	465.9
FTE employed allied health practitioners, rate per 100 000 population based on 38-hour weeks, by age, 2017									
< 25 years	25.7	28.4	37.3	32.3	37.8	23.5	26.7	18.1	30.1
25–34	157.2	181.8	158.3	174.6	159.0	120.0	210.0	163.8	165.9
35–44	109.9	116.9	113.1	111.1	116.0	94.8	142.9	90.7	113.0
45–54	84.5	80.5	86.9	85.4	80.0	83.7	107.3	80.8	84.1
55–64	61.9	54.9	52.6	55.7	54.6	59.7	69.6	62.6	57.2
65 years or over	17.9	16.0	12.7	13.8	15.4	16.0	18.0	11.5	15.7

FTE = Full time equivalent.

(a) FTE rate (FTE per 100 000 people) is based on standard full-time working week of 38 hours.

(b) Due to rounding of average hours worked, the sum of states and territories' FTE rates may not add up to total FTE rate for Australia and the sum of age groups FTE rates may not add up to total FTE rate for each state. The Australian total includes employed practitioners who did not state or adequately describe their location and employed practitioners who are overseas.

(c) State and territory is derived from main job location details where available; otherwise principal practice details is used as a proxy. If principal practice details are unavailable, place of residence details is used. Records with no information on all three locations are coded to 'Not stated'. The exceptions are medical radiation practitioners and occupational therapists in the allied health workforce, state and territory for these professionals is derived from principal practice details.

(d) From 2012, data exclude provisional registrants.

Table EA.45 **Employed allied health practitioners (a), (b), (c), (d), (e), (f), (g)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (h)	*NT*	*Aust*

(e) In 2013, the allied health workforce is comprised of the same professions as in 2012 — Aboriginal and Torres Strait Islander health practitioners, Chinese medicine practitioners, chiropractors, medical radiation practitioners, occupational therapists, optometrists, osteopaths, pharmacists, physiotherapists, podiatrists and psychologists. Aboriginal and Torres Strait Islander health practitioners, Chinese medicine practitioners, medical radiation practitioners and occupational therapists joined the National Registration and Accreditation Scheme in 2012. Therefore, 2011 and 2012 allied health workforce data are not comparable due to the four additional professions in 2012.

(f) Not all Aboriginal and Torres Strait Islander health workers are registered as Aboriginal and Torres Strait Islander health practitioners.

(g) For more information on data quality, including collection methodologies and data limitations, see the ABS website.

(h) Caution should be used in comparing data for the ACT with other jurisdictions. Rates for the ACT are inflated as many services are provided to southern NSW residents not captured in the denominator.

(i) For 2012, due to transitional arrangements, many practitioners in some allied health professions were not required to renew their registration in all jurisdictions and so did not complete a workforce survey. Data for those professions are excluded from the affected jurisdictions, as follows:
- data for Queensland and WA exclude medical radiation practitioners and occupational therapists
- data for SA exclude occupational therapists
- data for Tasmania exclude medical radiation practitioners.

na Not available.

Source: AIHW (unpublished) National Health Workforce Data Set; ABS (2017 and previous years) *Australian Demographic Statistics, December 2017*, Cat. no. 3101.0.

Table EA.46 **Employed dental practitioners (a), (b), (c), (d), (e), (f)**

	NSW	*Vic*	*Qld*	WA	*SA*	*Tas*	*ACT*	*NT*	*Aust*
FTE dental practitioner rate (per 100 000 population) based on 38-hour week									
2017	60.1	54.2	61.4	58.9	58.5	42.4	67.2	40.3	58.2
FTE employed dental practitioner, rate per 100 000 population based on a 38-hour week, by age, 2017									
< 25 years	1.6	1.6	3.7	1.3	2.3	2.2	3.4	2.1	2.1
25–34	16.4	17.0	19.3	20.5	16.2	12.4	17.8	14.1	17.5
35–44	16.3	14.9	16.3	15.7	14.8	10.3	18.9	6.5	15.6
45–54	11.9	10.4	11.2	10.9	10.7	6.5	12.0	6.5	11.0
55–64	10.6	7.2	8.3	7.8	9.7	7.7	13.0	6.9	8.9
65 years or over	3.3	3.0	2.6	2.8	4.7	3.2	2.2	4.3	3.1

FTE = Full time equivalent. Historical data have been revised for updated populations and may differ from previous reports.

(a) FTE rate (FTE per 100 000 people) is based on standard full-time working week of 38 hours.

(b) Due to rounding of average hours worked, the sum of states and territories' FTE rates may not add up to total FTE rate for Australia and the sum of age groups FTE rates may not add up to total FTE rate for each state. The Australian total includes employed practitioners who did not state or adequately describe their location and employed practitioners who are overseas.

(c) State and territory is derived from main job location details where available; otherwise principal practice details is used as a proxy. If principal practice details are unavailable, place of residence details is used. Records with no information on all three locations are coded to 'Not stated'. The exceptions are medical radiation practitioners and occupational therapists in the allied health workforce, state and territory for these professionals is derived from principal practice details.

(d) From 2012, data exclude provisional registrants.

(e) Dental workforce refers to dentists only, and includes those working in the private and public sectors.

(f) For more information on data quality, including collection methodologies and data limitations, see the ABS website.

– Nil or rounded to zero. **na** Not available.

Source: AIHW (unpublished) National Health Workforce Data Set; ABS (2017 and previous years) *Australian Demographic Statistics, December 2017*, Cat. no. 3101.0.