

# Appendices

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## ***Appendices available online***

[www.qfcc.qld.gov.au/about-us/publications/child-death-reports-and-data](http://www.qfcc.qld.gov.au/about-us/publications/child-death-reports-and-data)

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## Appendix A

# Summary tables on child deaths in Queensland

## All child deaths

**Table A.1:** Summary of deaths of children and young people in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>All deaths</b>						
Deaths of children 0–17 years	385	386	378	398	410	33.4
<b>Cause of death</b>						
<b>Natural causes</b>	<b>289</b>	<b>267</b>	<b>260</b>	<b>278</b>	<b>259</b>	<b>23.1</b>
<b>External causes</b>	<b>72</b>	<b>92</b>	<b>77</b>	<b>87</b>	<b>84</b>	<b>7.0</b>
Transport	24	22	21	31	33	2.2
Drowning	10	16	13	10	9	1.0
Other non-intentional injury-related death	14	8	9	13	16	1.0
Suicide	24	37	21	30	20	2.3
Fatal assault and neglect	0	9	13	3	6	0.5
<b>Unexplained causes</b>	<b>24</b>	<b>27</b>	<b>39</b>	<b>27</b>	<b>14</b>	<b>2.2</b>
<b>Cause of death pending</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>53</b>	<b>1.0</b>
<b>Sudden Unexpected Death in Infancy (SUDI)</b>						
Sudden unexpected infant deaths	33	26	35	34	44	0.6 <sup>a</sup>
<b>Sex<sup>b</sup></b>						
Female	163	162	163	185	176	29.9
Male	221	224	214	213	232	37.0
<b>Age category</b>						
Under 1 year	242	220	246	239	250	3.9 <sup>a</sup>
1–4 years	41	50	42	41	44	17.4
5–9 years	21	27	17	19	24	6.4
10–14 years	31	32	28	31	43	9.8
15–17 years	50	57	45	68	49	28.6
<b>Aboriginal and Torres Strait Islander status</b>						
Aboriginal and Torres Strait Islander	73	65	66	73	70	71.7
Non-Indigenous	312	321	312	325	340	30.0
<b>Known to the child protection system</b>						
Known to Child Safety	48	58	53	53	69	61.0

Data source: Queensland Child Death Register (Aug 2022)

a Rate per 1,000 live births for SUDI and age under 1 year.

b Excludes deaths of children whose sex was indeterminate.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.

2. Rates are averaged over 5 years and calculated per 100,000 children (in the sex/age/Indigenous status) in Queensland, excepting SUDI and age under 1 year which are per 1,000 births.

3. SUDI is a research category applying to infants only, where the death was sudden with no immediately obvious cause. The category is not a cause of death, which will be counted within the relevant cause, and will not add to the total.

4. The number of children known to the child protection system represents the number of children whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death. The denominator for calculating rates is the 5-year average number of children aged 0–17 who were known to Child Safety, through either being subject to a child concern report, notification, investigation and assessment, ongoing intervention, orders or placement, in the 1-year period prior to the reporting period.

## Aboriginal and Torres Strait Islander children

**Table A.2:** Summary of deaths of Aboriginal and Torres Strait Islander children and young people in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>Aboriginal and Torres Strait Islander deaths</b>						
Total	73	65	66	73	70	71.7
<b>Cause of death</b>						
Natural causes	48	40	40	47	32	42.8
External causes	19	19	19	16	21	19.4
Transport	7	3	4	3	4	4.3
Drowning	2	3	1	4	3	2.7
Other non-intentional injury-related death	5	2	4	4	5	4.1
Suicide	5	10	7	4	7	6.8
Fatal assault and neglect	0	1	3	1	2	1.4
Unexplained causes	6	6	7	6	3	5.8
Cause of death pending	0	0	0	4	14	3.7
<b>Sudden Unexpected Deaths in Infancy (SUDI)</b>						
Sudden unexpected infant deaths	10	5	9	12	14	1.5 <sup>a</sup>
<b>Age category</b>						
Under 1 year	46	37	45	50	35	6.5 <sup>a</sup>
1–4 years	8	9	6	8	12	39.0
5–9 years	5	4	1	1	4	11.0
10–14 years	4	6	4	4	7	18.7
15–17 years	10	9	10	10	12	67.5

Data source: Queensland Child Death Register (Aug 2022)

<sup>a</sup> Rate per 1,000 births for SUDI and age under 1 year.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.
2. Rates are averaged over 5 years and calculated per 100,000 children (in the sex/age/Indigenous status) in Queensland, excepting rates for SUDI and age under 1 year which are per 1,000 live births.
3. SUDI is a research category applying to infants only, where the death was sudden with no immediately obvious cause. The category is not a cause of death, which will be counted within the relevant cause, and will not add to the total.

## Children known to Child Safety

**Table A.3:** Summary of deaths of children known to Child Safety in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>Deaths of children known to Child Safety</b>						
Total	48	58	53	53	69	61.0
<b>Cause of death</b>						
Natural causes	25	22	16	20	22	22.8
External causes	18	30	27	22	28	27.2
Transport	5	2	5	5	7	5.2
Drowning	5	5	2	5	4	4.6
Other non-intentional injury-related death	6	2	2	6	6	4.8
Suicide	2	14	8	4	7	7.6
Fatal assault and neglect	0	7	10	2	4	5.0
Unexplained causes	5	6	9	7	2	6.3
Cause of death pending	0	0	1	4	17	4.8
<b>Sudden Unexpected Deaths in Infancy (SUDI)</b>						
Sudden unexpected infant deaths	10	8	9	13	11	2.3 <sup>a</sup>
<b>Age category</b>						
Under 1 year	20	18	18	24	22	4.5 <sup>a</sup>
1–4 years	11	12	16	9	19	72.4
5–9 years	5	5	2	5	4	15.5
10–14 years	3	8	7	8	11	26.6
15–17 years	9	15	10	7	13	76.2

Data source: Queensland Child Death Register (Aug 2022)

<sup>a</sup> Rate per 1,000 aged under 1 year for SUDI and age under 1 year.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.
2. The number of children known to the child protection system represents the number of children, whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death.
3. Five-year average rates of death for children known to Child Safety use as a denominator the 5-year average number of children aged 0–17 years who were known to Child Safety, through either being subject to a child concern report, notification, investigation and assessment, ongoing intervention, orders or placement, in the 1-year period prior to the reporting period.
4. SUDI is a research category applying to infants only, where the death was sudden with no immediately obvious cause. The category is not a cause of death, which will be counted within the relevant cause, and will not add to the total.

## Natural causes

**Table A.4:** Summary of deaths from natural causes of children and young people in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>All natural cause deaths</b>						
Disease and morbid condition	289	267	260	278	259	23.1
<b>Category</b>						
Perinatal conditions	133	130	132	129	118	11.0
Congenital anomalies	70	61	80	74	78	6.2
Neoplasms	21	25	17	24	27	1.9
Infections <sup>a</sup>	28	10	10	8	11	1.1
Other disease or morbid conditions NEC	37	41	21	43	25	2.9
<b>Sex<sup>b</sup></b>						
Female	125	116	109	130	124	21.2
Male	163	151	150	148	133	24.9
<b>Age category</b>						
Under 1 year	215	196	210	203	203	3.4 <sup>c</sup>
1–4 years	23	27	17	23	16	8.5
5–9 years	14	14	9	13	12	3.7
10–14 years	22	17	14	16	16	5.1
15–17 years	15	13	10	23	12	7.8
<b>Aboriginal and Torres Strait Islander Status</b>						
Aboriginal and Torres Strait Islander	48	40	40	47	32	42.8
Non-Indigenous	241	227	220	231	227	21.4
<b>Geographical area of usual residence (ARIA+)</b>						
Remote and very remote	8	6	11	4	7	22.4
Outer regional	46	44	37	57	38	27.1
Inner regional	62	37	49	43	48	20.8
Major cities	161	171	157	171	157	21.9
<b>Socio-economic status of usual residence (SEIFA)</b>						
Q1 (most disadvantage)	73	69	61	68	56	29.8
Q5 (least disadvantage)	41	53	39	45	23	16.2
<b>Known to the child protection system</b>						
Known to Child Safety	25	22	16	20	22	22.8

Data source: Queensland Child Death Register (Aug 2022)

a 'Infections' is a hybrid category composed of ICD-10 Chapter I, Certain infectious and parasitic diseases; ICD-10 Chapter VI, Diseases of the nervous system, codes G00–G09 only; ICD-10 Chapter X, Diseases of the respiratory system, codes J00–J22 only, Chapter XXII, Codes for special purposes, codes U07.1–U07.2 only.

b Excludes the deaths of 1 infant of indeterminate sex in 2017–18 and 2019–20 each.

c Rate per 1,000 live births for age under 1 year.

NEC Not elsewhere classified.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.

2. Rates are averaged over 5 years and calculated per 100,000 children (in the sex/age/Indigenous status) in Queensland, excepting for age under 1 year which is per 1,000 live births.

3. ARIA+ and SEIFA exclude the deaths of children whose usual place of residence was outside Queensland.

4. The number of children known to the child protection system represents the number of children whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death. The denominator for calculating rates is the 5-year average number of children aged 0–17 who were known to Child Safety, through either being subject to a child concern report, notification, investigation and assessment, ongoing intervention, orders or placement, in the 1-year period prior to the reporting period.

## Transport

**Table A.5:** Summary of transport-related deaths of children and young people in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>All transport deaths</b>						
Transport	24	22	21	31	33	2.2
<b>Incident type</b>						
Motor vehicle	15	12	12	19	20	1.3
Pedestrian	7	7	6	4	5	0.5
<i>Low-speed vehicle run-over</i>	5	3	2	3	4	0.3
Motorcycle	0	2	1	5	4	0.2
Quad bike	1	0	1	2	2	0.1
Watercraft	1	0	0	0	0	*
Bicycle	0	1	1	1	0	*
Other	0	0	0	0	2	*
<b>Sex</b>						
Female	7	9	7	14	9	1.6
Male	17	13	14	17	24	2.9
<b>Age category</b>						
Under 1 year	1	0	0	1	0	*
1–4 years	7	5	2	5	7	2.1
5–9 years	3	6	3	4	5	1.2
10–14 years	3	4	5	5	9	1.6
15–17 years	10	7	11	16	12	6.0
<b>Aboriginal and Torres Strait Islander status</b>						
Aboriginal and Torres Strait Islander	7	3	4	3	4	4.3
Non-Indigenous	17	19	17	28	29	2.0
<b>Geographical area of usual residence (ARIA+)</b>						
Remote and very remote	4	1	1	4	1	6.9
Outer regional	4	3	9	8	10	4.2
Inner regional	9	10	5	9	10	3.7
Major cities	7	8	5	9	10	1.0
<b>Socio-economic status of usual residence (SEIFA)</b>						
Q1 (most disadvantage)	7	6	4	13	5	3.2
Q5 (least disadvantage)	2	3	5	0	0	0.8
<b>Known to the child protection system</b>						
Known to Child Safety	5	2	5	5	7	5.2

Data source: Queensland Child Death Register (Aug 2022)

\* Rates have not been calculated for numbers between 1–3.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.
2. Low-speed vehicle run-over is a subset of the 'pedestrian' category; hence, summing categories will exceed the total.
3. Quad bike includes side-by-side vehicles.
4. The 'other' incident type category can include deaths involving aircraft, horse riding and specialised industrial vehicles.
5. Rates are averaged over 5 years and calculated per 100,000 children (in the sex/age/Indigenous status) in Queensland.
6. ARIA+ and SEIFA exclude the deaths of children whose usual place of residence was outside Queensland.
7. The number of children known to the child protection system represents the number of children whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death. The denominator for calculating rates is the 5-year average number of children aged 0–17 who were known to Child Safety, through either being subject to a child concern report, notification, investigation and assessment, ongoing intervention, orders or placement, in the 1-year period prior to the reporting period.

## Drowning

**Table A.6:** Summary of drowning deaths of children and young people in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>All drowning deaths</b>						
Drowning	10	16	13	10	9	1.0
<b>Incident type</b>						
Pool	6	8	6	2	4	0.4
<i>Private pool</i>	6	6	5	2	3	0.4
<i>Public pool</i>	0	2	1	0	1	0.1
Non-pool drownings	4	8	7	8	5	0.5
<i>Bath</i>	2	2	0	3	0	0.1
<i>Beach or ocean</i>	0	1	1	0	1	*
<i>Dynamic waterway</i>	1	3	2	1	0	0.1
<i>Rural water hazard</i>	1	0	3	3	2	0.2
<i>Static inland waterway</i>	0	2	0	1	1	0.1
<i>Other</i>	0	0	1	0	1	*
<b>Sex</b>						
Female	3	2	8	6	2	0.7
Male	7	14	5	4	7	1.2
<b>Age category</b>						
Under 1 year	1	2	0	2	0	1.6 <sup>a</sup>
1–4 years	7	6	9	5	6	2.6
5–9 years	2	4	2	1	1	0.6
10–14 years	0	1	0	1	1	*
15–17 years	0	3	2	1	1	0.7
<b>Aboriginal and Torres Strait Islander status</b>						
Aboriginal and Torres Strait Islander	2	3	1	4	3	2.7
Non-Indigenous	8	13	12	6	6	0.8
<b>Geographical area of usual residence (ARIA+)</b>						
Remote and very remote	1	1	2	0	0	2.5
Outer regional	3	3	2	3	4	1.8
Inner regional	1	3	4	5	3	1.4
Major cities	5	4	5	2	2	0.5
<b>Socio-economic status of usual residence (SEIFA)</b>						
Q1 (most disadvantage)	0	4	5	4	5	1.6
Q5 (least disadvantage)	1	1	1	1	0	0.3
<b>Known to the child protection system</b>						
Known to Child Safety	5	5	2	5	4	4.6

Data source: Queensland Child Death Register (Aug 2022)

\* Rates have not been calculated for numbers between 1–3.

<sup>a</sup> Rate per 100,000 births for age under 1 year.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.

2. ‘Other’ non-pool water hazards include objects containing water and flood-related incidents.

3. Rates are averaged over 5 years and calculated per 100,000 children (in the sex/age/Indigenous status) in Queensland, excepting rates for age under 1 year which are per 100,000 births.

4. ARIA+ and SEIFA exclude the deaths of children whose usual place of residence was outside Queensland.

5. The number of children known to the child protection system represents the number of children whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death. The denominator for calculating rates is the 5-year average number of children aged 0–17 who were known to Child Safety, through either being subject to a child concern report, notification, investigation and assessment, ongoing intervention, orders or placement, in the 1-year period prior to the reporting period.

## Other non-intentional injury

**Table A.7:** Summary of other non-intentional injury-related deaths of children in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>All other non-intentional injury deaths</b>						
Other non-intentional injury	14	8	9	13	16	1.0
<b>Incident type</b>						
Threats to breathing	3	1	2	8	1	0.3
Exposure to inanimate mechanical forces	2	2	3	1	3	0.2
Accidental poisoning	4	3	0	1	3	0.2
Deaths from fire	3	0	1	0	2	0.1
Falls	1	0	0	0	3	0.1
Contact with venomous animals and plants	0	0	1	1	2	0.1
Other incidents	1	2	2	2	2	0.2
<b>Sex</b>						
Female	3	4	2	6	3	0.6
Male	11	4	7	7	13	1.4
<b>Age category</b>						
Under 1 year	1	0	0	4	2	2.3 <sup>a</sup>
1–4 years	4	3	3	4	3	1.4
5–9 years	1	1	2	1	3	0.5
10–14 years	2	2	1	1	3	0.5
15–17 years	6	2	3	3	5	2.0
<b>Aboriginal and Torres Strait Islander status</b>						
Aboriginal and Torres Strait Islander	5	2	4	4	5	4.1
Non-Indigenous	9	6	5	9	11	0.7
<b>Geographical area of usual residence (ARIA+)</b>						
Remote and very remote	1	0	1	2	0	2.5
Outer regional	5	2	3	2	6	2.2
Inner regional	5	1	1	0	1	0.7
Major cities	3	4	3	9	9	0.8
<b>Socio-economic status of usual residence (SEIFA)</b>						
Q1 (most disadvantage)	6	3	2	5	6	2.0
Q5 (least disadvantage)	2	0	0	2	3	0.6
<b>Known to the child protection system</b>						
Known to Child Safety	6	2	2	6	6	4.8

Data source: Queensland Child Death Register (Aug 2022)

<sup>a</sup> Rate per 100,000 births for age under 1 year.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.
2. Rates are averaged over 5 years and calculated per 100,000 children (in the sex/age/Indigenous status) in Queensland, excepting rates for age under 1 year which are per 100,000 births.
3. ARIA+ and SEIFA exclude the deaths of children whose usual place of residence was outside Queensland.
4. The number of children known to the child protection system represents the number of children whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death. The denominator for calculating rates is the 5-year average number of children aged 0–17 who were known to Child Safety, through either being subject to a child concern report, notification, investigation and assessment, ongoing intervention, orders or placement, in the 1-year period prior to the reporting period.



## Suicide

**Table A.8:** Summary of suicide deaths of children and young people in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>All suicide deaths</b>						
Suicide <sup>3</sup>	24	37	21	30	20	2.3
<b>Sex</b>						
Female	14	15	6	12	7	4.5
Male	10	19	15	18	13	5.6
<b>Age category</b>						
10–17 years	23	37	21	30	19	5.1
5–9 years	1	0	0	0	1	*
10–14 years	4	8	6	6	5	1.9
15–17 years	19	29	15	24	14	11.7
<b>Aboriginal and Torres Strait Islander status</b>						
Aboriginal and Torres Strait Islander	5	10	7	4	7	15.8
Non-Indigenous	19	27	14	26	13	4.1
<b>Geographical area of usual residence (ARIA+)</b>						
Remote and very remote	2	4	3	1	1	17.5
Outer regional	4	8	4	6	3	6.8
Inner regional	3	3	5	7	9	5.0
Major cities	15	21	9	16	7	4.2
<b>Socio-economic status of usual residence (SEIFA)</b>						
Q1 (most disadvantage)	6	11	7	10	4	7.9
Q5 (least disadvantage)	1	5	2	4	0	2.0
<b>Known to the child protection system</b>						
Known to Child Safety	8	2	14	8	4	16.7

Data source: Queensland Child Death Register (Aug 2022)

\* Rates have not been calculated for numbers between 1–3.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.
2. Rates are averaged over 5 years and calculated per 100,000 children (in the sex/age/Indigenous status) in Queensland.
3. Overall suicide rates are calculated per 100,000 children aged 0–17 years in Queensland. All other rates are calculated per 100,000 children aged 10–17 years in Queensland.
4. ARIA+ and SEIFA exclude the deaths of children whose usual place of residence was outside Queensland.
5. The number of children known to the child protection system represents the number of children whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death. The denominator for calculating rates is the 5-year average number of children aged 10–17 who were known to Child Safety, through either being subject to a child concern report, notification, investigation and assessment, ongoing intervention, orders or placement, in the 1-year period prior to the reporting period.
6. Data relating to method of death are available to genuine researchers by request.

## Fatal assault and neglect

**Table A.9:** Summary of deaths from assault and neglect of children and young people in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>All fatal assault and neglect deaths</b>						
Fatal assault and neglect	0	9	13	3	6	0.5
<b>Category of fatal assault and neglect</b>						
Intra-familial	0	7	10	2	4	0.4
<i>Domestic homicide</i>	0	5	3	0	0	0.1
<i>Fatal child abuse</i>	0	1	3	1	3	0.1
<i>Fatal neglect</i>	0	0	3	0	1	0.1
<i>Other intra-familial assault NEC</i>	0	1	1	1	0	*
Extra-familial	0	2	3	1	2	0.1
<i>Intimate partner homicide</i>	0	1	0	0	0	*
<i>Peer homicide</i>	0	0	2	1	2	0.1
<i>Acquaintance homicide</i>	0	1	1	0	0	*
<b>Sex</b>						
Female	0	4	6	2	1	0.5
Male	0	5	7	1	5	0.6
<b>Age category</b>						
Under 1 year	0	2	4	0	1	2.3 <sup>a</sup>
1–4 years	0	4	5	2	2	1.0
5–9 years	0	2	1	0	1	0.2
10–14 years	0	0	0	0	0	0.0
15–17 years	0	1	3	1	2	0.7
<b>Aboriginal and Torres Strait Islander status</b>						
Aboriginal and Torres Strait Islander	0	1	3	1	2	1.4
Non-Indigenous	0	8	10	2	4	0.4
<b>Geographic area of usual residence (ARIA+)</b>						
Remote and very remote	0	0	0	0	0	0.0
Outer regional	0	1	0	1	2	0.5
Inner regional	0	5	3	0	2	0.9
Major cities	0	3	10	2	2	0.5
<b>Socio-economic status of usual residence (SEIFA)</b>						
Q1 (most disadvantage)	0	4	3	1	3	1.0
Q5 (least disadvantage)	0	0	3	0	0	*
<b>Known to the child protection system</b>						
Known to Child Safety	0	7	10	2	4	5.0

Data source: Queensland Child Death Register (Aug 2022)

\* Rates have not been calculated for numbers between 1–3.

a Rate per 100,000 births for age under 1 year.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.

2. Rates are averaged over 5 years and calculated per 100,000 children (in the sex/age/Indigenous status) in Queensland, excepting rates for age under 1 year which are per 100,000 births.

3. ARIA+ and SEIFA exclude the deaths of children whose usual place of residence was outside Queensland.

4. The number of children known to the child protection system represents the number of children whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death. The denominator for calculating rates is the 5-year average number of children aged 0–17 who were known to Child Safety, through either being subject to a child concern report, notification, investigation and assessment, ongoing intervention, orders or placement, in the 1-year period prior to the reporting period.

## Unexplained causes

**Table A.10:** Summary of deaths from unexplained causes of children and young people in Queensland, 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 100,000
<b>All deaths from unexplained causes</b>						
Unexplained causes	24	27	39	27	14	2.2
<b>Cause of death</b>						
Sudden Infant Death Syndrome (SIDS)	16	14	22	14	4	23.0
Undetermined cause (infants)	8	6	10	10	5	12.8
Undetermined cause (1–17 years)	0	7	7	3	5	0.4
<b>Sex</b>						
Female	11	9	24	11	9	2.3
Male	13	18	15	16	5	2.2
<b>Age category</b>						
Under 1 year	24	20	32	24	9	35.9 <sup>a</sup>
1–4 years	0	5	5	2	3	1.2
5–17 years	0	2	2	1	2	0.2
<b>Aboriginal and Torres Strait Islander status</b>						
Aboriginal and Torres Strait Islander	6	6	7	6	3	5.8
Non-Indigenous	18	21	32	21	11	1.9
<b>Geographic area of usual residence (ARIA+)</b>						
Remote and very remote	0	2	0	0	0	*
Outer regional	6	3	5	6	0	2.4
Inner regional	5	7	8	6	3	2.5
Major cities	12	15	24	15	10	2.0
<b>Socio-economic status of usual residence (SEIFA)</b>						
Q1 (most disadvantage)	10	9	11	8	4	3.8
Q5 (least disadvantage)	2	2	1	2	1	0.6
<b>Known to the child protection system</b>						
Known to Child Safety	5	6	9	7	2	6.3

Data source: Queensland Child Death Register (Aug 2022)

\* Rates have not been calculated for numbers between 1–3.

<sup>a</sup> Rate per 100,000 births for SIDS, Undetermined causes (<1 year) and age under 1 year.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.
2. Rates are averaged over 5 years and calculated per 100,000 children (in the sex/age/Indigenous status) in Queensland, excepting rates SIDS, Undetermined causes (<1 year) and age under 1 year which are per 100,000 live births.
3. ARIA+ and SEIFA exclude the deaths of children whose usual place of residence was outside Queensland. The denominator for calculating rates is the estimated population aged under 1 year by ARIA/SEIFA category.
4. The number of children known to the child protection system represents the number of children whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death. The denominator for calculating rates is the 5-year average number of infants (aged under 1 year) who were known to Child Safety, through either being subject to a child concern report, notification, investigation and assessment, ongoing intervention, orders or placement, in the 1-year period prior to the reporting period.

## Sudden Unexpected Deaths in Infancy

**Table A.11:** Summary of SUDI infant deaths in Queensland 2017–22

	2017–18	2018–19	2019–20	2020–21	2021–22	5-year average
	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>	Rate per 1,000
<b>All Sudden Unexpected Deaths in Infancy (SUDI)</b>						
SUDI (infants)	33	26	35	34	44	0.6
<b>Cause of death</b>						
<b>Explained causes</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>0.1</b>
Unrecognised infant illness	9	6	2	1	3	0.1
Sleep accident	0	0	0	4	1	0.0
Fatal assault	0	0	1	0	0	*
<b>Unexplained causes</b>	<b>24</b>	<b>20</b>	<b>32</b>	<b>24</b>	<b>9</b>	<b>0.4</b>
SIDS	16	14	22	14	4	0.2
Undetermined	8	6	10	10	5	0.1
<b>Cause of death pending</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>31</b>	<b>0.1</b>
<b>Sex</b>						
Female	13	9	21	17	22	0.6
Male	20	17	14	17	22	0.6
<b>Aboriginal and Torres Strait Islander status</b>						
Aboriginal and Torres Strait Islander	10	5	9	12	14	1.5
Non-Indigenous	23	21	26	22	30	0.4
<b>Geographic area of usual residence (ARIA+)</b>						
Remote and very remote	0	1	0	1	2	0.4
Outer regional	7	2	5	8	9	0.8
Inner regional	10	7	6	7	9	0.7
Major cities	15	16	22	18	23	0.5
<b>Socio-economic status of usual residence (SEIFA)</b>						
Q1 (most disadvantage)	12	10	12	12	24	1.2
Q5 (least disadvantage)	4	3	1	3	1	0.2
<b>Known to the child protection system</b>						
Known to Child Safety	10	8	9	13	11	2.3

Data source: Queensland Child Death Register (Aug 2022)

\* Rates have not been calculated for numbers between 1–3.

1. Data presented are current in the Queensland Child Death Register as at August 2022 and thus may differ from previously published reports.
2. Rates are averaged over 5 years and calculated per 1,000 births (in the sex/Indigenous status) in Queensland.
3. ARIA+ and SEIFA exclude the deaths of children whose usual place of residence was outside Queensland.
4. The number of children known to the child protection system represents the number of children whose deaths were registered in the reporting period, who were known to Child Safety Services within the 1-year period prior to their death.