

Appendix A: Appendix tables

Table A.1 Mean children ever born to married women by birth cohort, Australian censuses, 1911 and 1921

	Australia, 1911 census	Tasmania, 1911 census	Australia, 1921 census	Tasmania, 1921 census
Birth cohort	Children ever born (mean)			
1832–36	6.98	7.48	..	..
1837–41	7.02	7.22	..	..
1842–46	7.03	7.15	6.77	6.49
1847–51	6.75	6.69	6.51	6.42
1852–56	6.44	6.64	6.25	6.32
1857–61	5.92	6.11	5.74	5.97
1862–66	5.25	5.67	5.11	5.48
1867–71	..	..	4.57	4.97
1872–76	..	..	4.19	4.56

.. not applicable

Sources: Commonwealth of Australia (1914c: 1143; 1921: 1926).

Table A.2 Number of children ever born by birth cohort of married women, Australian census, 1921

Birth cohort	1842–46	1847–51	1852–56	1857–61	1862–66	1867–71	1872–76
No. of children	Percentage						
None	10.3	10.8	10.1	10.0	10.8	12.1	12.4
One	3.7	3.6	4.3	4.9	5.9	7.6	9.0
Two	3.8	4.9	5.2	6.2	8.3	10.2	12.4
Three	4.9	5.3	6.5	8.1	10.1	11.8	13.2
Four	6.0	6.9	7.4	9.4	11.1	12.0	12.3
Five	7.1	7.5	8.8	10.1	10.5	10.6	10.5
Six	9.1	8.8	9.0	9.6	9.9	9.1	8.3

AUSTRALIA'S FERTILITY TRANSITION

Birth cohort	1842-46	1847-51	1852-56	1857-61	1862-66	1867-71	1872-76
No. of children	Percentage						
Seven	8.6	9.1	9.5	9.4	8.5	7.4	6.6
Eight	9.9	9.8	9.0	8.4	7.2	5.9	5.0
Nine	9.2	8.5	8.5	7.4	5.8	4.6	3.8
Ten	9.3	8.4	7.3	6.1	4.4	3.4	2.7
Eleven	7.0	5.9	5.9	4.2	3.0	2.2	1.7
Twelve	4.7	4.8	4.1	2.8	1.0	1.4	1.1
Thirteen	3.4	2.8	2.3	1.7	1.1	0.8	0.6
Fourteen or more	2.9	2.8	2.2	1.6	1.2	0.8	0.3
Total (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total (no.)	3,512	8,478	18,098	35,383	52,123	69,258	84,264

Source: Commonwealth of Australia (1921: 1926).

Table A.3 Number of children ever born by birth cohort of married women, Australian census, 1911

Birth cohort	1842-46	1847-51	1852-56	1857-61	1862-66
No. of children	Percentage				
None	8.4	8.6	8.1	8.0	8.5
One	3.8	4.1	4.6	5.1	6.4
Two	4.1	4.7	5.3	6.4	8.5
Three	4.8	5.3	6.5	8.2	10.2
Four	5.7	6.8	7.7	9.4	11.3
Five	7.0	7.6	8.5	9.9	10.7
Six	8.5	8.6	8.9	9.7	10.2
Seven	9.2	9.1	9.3	9.5	8.7
Eight	10.0	9.6	9.4	8.8	7.4
Nine	9.3	9.1	8.6	7.7	6.0
Ten	9.5	8.6	7.9	6.4	4.7
Eleven	7.0	6.4	5.8	4.4	3.1
Twelve	5.7	5.1	4.2	3.1	2.0
Thirteen	3.3	2.9	2.5	1.8	1.1
Fourteen or more	1.8	1.6	1.3	0.9	0.6
Total (%)	100.0	100.0	100.0	100.0	100.0
Total (no.)	16,632	24,862	37,585	60,945	81,548

Source: Commonwealth of Australia (1914c: 1143).

Table A.4 Net migration, Tasmania, 1861–1900

Years	Net migration
1861–1865	-4,355
1866–1870	-813
1871–1875	-4,416
1876–1880	2,880
1881–1885	2,422
1886–1890	2,606
1891–1895	-4,562
1896–1900	4,914

Source: Borrie (1994: 123).

Table A.5 Female population aged 15–49 years, 1861, 1870, 1881 and 1891, Tasmania

Year	1861	1870	1881	1891
Age	Percentage			
15–19 years	19.2	21.9	25.1	20.6
20–24 years	18.2	17.5	22.3	19.9
25–29 years	16.8	14.1	15.7	18.0
30–34 years	14.9	13.4	11.0	14.7
35–39 years	12.7	12.5	9.1	11.3
40–44 years	10.4	11.1	8.7	8.5
45–49 years	7.9	9.4	8.1	7.1
Total (%)	100.0	100.0	100.0	100.0
Total (no.)	20,454	20,799	26,602	33,136

Source: Kippen (2002b).

Table A.6 Male population aged 15–49 years, 1861, 1870, 1881 and 1891, Tasmania

Year	1861	1870	1881	1891
Age at marriage	Percentage			
15–19 years	13.8	20.1	24.0	18.5
20–24 years	12.1	15.0	21.5	18.7
25–29 years	12.6	11.5	16.1	18.6
30–34 years	15.2	11.7	11.6	15.9
35–39 years	16.5	12.9	9.3	12.4

AUSTRALIA'S FERTILITY TRANSITION

Year	1861	1870	1881	1891
Age at marriage	Percentage			
40–44 years	16.0	14.2	8.7	9.1
45–49 years	13.8	14.6	8.8	6.9
Total (%)	100.0	100.0	100.0	100.0
Total (no.)	24,505	21,330	27,900	38,229

Source: Kippen (2002b).

Table A.7 Population by occupation, 1842 and 1851, Tasmania

Year	1842	1851	1842	1851
Type of occupation	No.		Percentage	
Occupation specified:	20,594	28,998	35.9	41.3
Landed proprietors, merchants, bankers and professional persons	1,846	1,577	9.0	5.4
Shopkeepers and other retail dealers	802	1,415	3.9	4.9
Mechanics and artificers	3,720	5,687	18.1	19.6
Shepherds and others caring for sheep	879	1,445	4.3	5.0
Gardeners, stockmen and persons employed in agriculture ¹	9,870	12,545	47.9	43.3
Domestic servants	3,477	5,600	16.9	19.3
Seamen, boatmen and whalers ²	–	729	–	2.5
Convicts employed in public works³	9,759	953	17.0	1.4
Military, including wives and children	–	568	–	0.8
All other persons not included above	27,067	39,611	47.1	56.5
Total	57,420	70,130	100.0	100.0

– Not specified

¹ In 1851, includes 'Farmers', 'Market gardeners' and 'Gardeners, stockmen and farm servants'.

² Includes 'Licensed boatmen', 'Seamen employed in the coastal and river craft' and 'Whalers'.

³ In 1842, includes 'Convicts employed on government vessels', 'Convicts employed in public works throughout the colony', 'Convicts at the penal settlements on Tasman's Peninsula' and 'Female convicts in house of corrections, Hobart'. In 1851, includes only 'Convicts employed in public works'.

Sources: TAS (1842, 1851).

Table A.8 Population by occupation, Tasmania, 1861 and 1870

Year	1861	1870	1861	1870
Type of occupation	No.		Percentage	
Occupation specified:	27,655	32,398	30.7	32.6
Professionals ¹	1,908	1,725	6.9	5.3
Shopkeepers and other retail dealers ²	1,267	1,152	4.6	3.6
Mechanics and artificers	5,978	4,473	21.6	13.8
Farmers, stockholders and farm labourers	13,647	15,741	49.3	48.6
Domestic servants	4,372	4,319	15.8	13.3
Licensed victuallers	483	408	1.7	1.3
Other labourers and seamen	–	4,580	–	14.1
All other persons not included above	62,322	66,930	69.3	67.4
Total	89,977	99,328	100.0	100.0

– Not specified

¹ Includes 'Merchants and bankers', 'Legal profession', 'Medical profession', 'Clergymen', 'Army or navy', 'Government employ', 'Schoolmasters' and also, in 1870, 'Schoolmistresses'.

² In 1870, includes 'Shopkeepers and other retail dealers' and 'Hawkers'.

Sources: TAS (1861, 1870).

Table A.9 Population by occupation, Tasmania, 1881 and 1891

Year	1881	1891	1881	1891
Type of occupation	No.		Percentage	
Breadwinners	50,071	61,411	43.3	41.9
Professional ¹	2,546	3,918	5.1	6.4
Domestic ²	4,856	7,180	9.7	11.7
Commercial: Mercantile, general dealers ³	1,777	3,698	3.5	6.0
Commercial: Transport and communication ³	2,241	3,267	4.5	5.3
Industrial ⁴	14,996	18,644	29.9	30.4
Primary producers: Agricultural ⁵	17,699	16,031	35.3	26.1
Primary producers: Pastoral ⁵	860	2,447	1.7	4.0
Primary producers: Mineral ⁵	3,164	3,988	6.3	6.5
Primary producers: Other ⁵	462	1,102	0.9	1.8
Indefinite ⁶	1,470	1,136	2.9	1.8
Dependants	65,634	85,256	56.7	58.1
Total	115,705	146,667	100.0	100.0

AUSTRALIA'S FERTILITY TRANSITION

¹ 'Professional' includes persons mainly 'engaged in the government and defence of the country, and in satisfying the intellectual, moral, and social wants of its inhabitants'.

² 'Domestic' includes 'all persons engaged in the supply of board and lodging and in rendering personal services for which remuneration is usually paid'.

³ 'Commercial' includes 'all persons directly connected with the hire, sale, transfer, distribution, storage, and security of property and materials, and with the transport of persons or goods, or engaged in effecting communication'.

⁴ 'Industrial' includes 'all persons principally engaged in various works of utility, or in specialities connected with the manufacture, construction, modification, or alteration of materials so as to render them more available for the various uses of man, but excluding, as far as possible, all who are mainly or solely in the service of commercial interchange'.

⁵ 'Agricultural, pastoral, mineral, and other primary producers' includes 'all persons mainly engaged in the cultivation or original acquisition of food products, and in obtaining other raw materials direct from natural sources'.

⁶ 'Indefinite' includes 'all persons who derive incomes from services rendered, but the direction of which services cannot be exactly determined'.

Source: TAS (1891: 01_viii).

Table A.10 Population by occupation, Tasmania, 1891, 1901 and 1911

Year	1891	1901	1911	1891	1901	1911
Type of occupation	No.			Percentage		
Breadwinners	60,946	72,586	75,969	41.6	42.1	39.7
Professional	3,918	4,997	5,481	6.4	6.9	7.2
Domestic	7,180	7,937	7,864	11.8	10.9	10.4
Commercial: Mercantile, general dealers	6,326	7,497	8,712	10.4	10.3	11.5
Commercial: Transport and communication	3,267	4,848	4,738	5.4	6.7	6.2
Industrial	16,016	18,750	17,268	26.3	25.8	22.7
Primary producers: Agricultural	16,031	19,422	20,168	26.3	26.8	26.5
Primary producers: Pastoral	2,447	1,881	2,635	4.0	2.6	3.5
Primary producers: Mineral	3,987	5,467	5,631	6.5	7.5	7.4
Primary producers: Other ¹	1,103	1,129	2,593	1.8	1.6	3.4
Independent	671	658	879	1.1	0.9	1.2
Dependants	85,256	98,981	112,801	58.1	57.4	59.0
Unspecified	465	908	2,441	0.3	0.5	1.3
Total	146,667	172,475	191,211	100.0	100.0	100.0

¹ 'Primary producers: Other' includes capture of wild animals and their produce, fisheries, forestry and water conservation and supply.

Source: Commonwealth of Australia (1914d: 1291).

Table A.11 Males aged 20 years and older, occupation by class, Tasmania, 1881

Occupation	No.	Percentage
Professional ¹	1,377	4.3
Domestic ²	996	3.1
Commercial ³	2,968	9.3
Agricultural ⁴	11,776	36.7
Industrial ⁵	10,153	31.7
Indefinite and non-productive ⁶	4,250	13.3
Not stated	544	1.7
Total	32,064	100.0

¹ 'Professional' includes 'Persons engaged in general or local government, or the defence or protection of the country' and 'Persons engaged in the learned professions, in literature, art, and science'.

² 'Domestic' includes 'Persons engaged in the domestic offices or duties of wives, mothers, mistresses of families, children, relatives and visitors' and 'Persons engaged in entertaining and performing personal offices for man'.

³ 'Commercial' includes 'Persons who buy or sell, keep or lend money, houses, or goods of various kinds' and 'Persons engaged in the conveyance of men, animals, goods and messages'.

⁴ 'Agricultural' includes 'Persons possessing, working or cultivating land, raising or dealing in animals'.

⁵ 'Industrial' includes 'Persons engaged in working and dealing in art and mechanic productions', 'Persons working and dealing in textile fabrics, in dress, and in fibrous materials', 'Persons working and dealing in food and drinks', 'Persons working and dealing in animal and vegetable substances' and 'Persons dealing in minerals'.

⁶ 'Indefinite and non-productive' includes 'Labourers and others', 'Persons of property or rank' and 'Persons supported by the community and of no specified occupation'.

Source: TAS (1881: 02_139).

Table A.12 Males aged 20 years and older, occupation by class, Tasmania, 1891

Occupation	No.	Percentage
Breadwinners	40,194	96.9
Professional ¹	2,408	6.0
Domestic ²	1,158	2.9
Commercial ³	6,979	17.4
Industrial ⁴	11,664	29.0
Primary producers ⁵	17,476	43.5
Indefinite ⁶	509	1.3
Dependants ⁷	1,290	3.1
Total	41,484	100.0

AUSTRALIA'S FERTILITY TRANSITION

¹ 'Professional' includes 'Government, law, defence and protection' and 'Religion, charity, health, education, science and amusement'.

² 'Domestic' includes 'Board and lodging and personal service'.

³ 'Commercial' includes 'Property and finance', 'Traders and dealers' and 'Storage, transport, and communication'.

⁴ 'Industrial' includes 'Modifiers, manufacturers of materials'.

⁵ 'Primary producers' includes 'Agricultural, pastoral, mineral and other primary producers'.

⁶ 'Indefinite' includes 'Persons of independent means' and 'Undefined'.

⁷ 'Dependants' includes 'Wives, children, and relatives dependent upon natural guardians' and 'Other dependants upon the State or upon public or private support'.

Source: TAS (1891: 04_175, 04_180–81).

Table A.13 Males aged 20 years and older, occupation by class, Tasmania, 1901

Occupation	No.	Percentage
Breadwinners	46,734	97.9
Professional ¹	2,793	6.0
Domestic ²	1,153	2.5
Commercial ³	4,912	10.5
Transportation and communication ⁴	3,899	8.3
Industrial ⁵	13,276	28.4
Primary producers ⁶	20,200	43.2
Indefinite ⁷	501	1.1
Dependants⁸	991	2.1
Total	47,725	100.0

¹ 'Professional' includes 'Government, law, defence and protection' and 'Religion, charity, health, education, science and amusement'.

² 'Domestic' includes 'Board and lodging and personal service'.

³ 'Commercial' includes 'Property and finance' and 'Traders and dealers'.

⁴ 'Transportation and communication' includes 'Carriers and messengers on railways, roads, seas and rivers', 'Postal service' and 'Telegraph and telephone service'.

⁵ 'Industrial' includes 'Modifiers, manufacturers of materials'.

⁶ 'Primary producers' includes 'Agricultural, pastoral, mineral and other producers'.

⁷ 'Indefinite' includes 'Persons of independent means and undefined'.

⁸ 'Dependants' includes 'Children and relatives dependent upon natural guardians' and 'Other dependants upon the State or upon public or private support'.

Source: TAS (1901: 05_261, 05_264–67).

Table A.14 Females by occupation and marital status, Tasmania, 1911

Marital status	Never married	Married	Widowed ¹	Not specified	Total
Type of occupation					
Breadwinners	11,144	1,473	1,482	24	14,123
Professional	1,760	210	155	6	2,131
Domestic	5,318	552	494	11	6,375
Commercial	1,215	214	239	3	1,671
Transport and communication	168	122	41	0	331
Industrial	2,312	149	96	1	2,558
Primary producers	223	180	208	3	614
Independent	148	46	249		443
Dependants	45,437	30,016	3,612	106	79,171
Not specified	212	84	26	4	326
Total	56,793	31,573	5,120	134	93,620

¹ The category 'Widowed' includes 34 divorced women, 20 of whom were breadwinners. Source: Commonwealth of Australia (1914d: 1672).

Table A.15 Major towns in Tasmania, 1881, 1891 and 1901

Year		1881	1891	1901
Town	Pursuits connected with	Population (no.)		
Beaconsfield	Mining	455	1,584	2,658
Bothwell	A. and P. farming	454	520	384
Burnie (Emu Bay)	A. farming, mining seaport	305	981	1,548
Campbell Town	P. farming	948	818	735
Carrick	A. farming	282	281	224
Colebrook (Jerusalem)	A. and P. farming, coalmining	194	189	147
Deloraine	A. and P. farming	836	895	949
Derby	Tin mining and agriculture	--	273	587
Devonport E. (Torquay)	Seaport/watering place, A. farming.	370	559	673
Devonport W. (Formby)	Seaport/watering place, A. farming	162	1,246	2,101
Evandale	Farming	564	540	617
Fingal	Dairy farming and coalmining	247	425	372

AUSTRALIA'S FERTILITY TRANSITION

Year		1881	1891	1901
Town	Pursuits connected with	Population (no.)		
Franklin	Fruit growing and timber producing	457	506	765
George Town	Watering place	299	299	274
Glenorchy	Fruit and hop growing	--	588	578
Gormanston	Mining	--	--	1,760
Hamilton	P. farming	387	348	232
Hobart	Metropolis	21,118	24,905	24,654
Bellerive	Suburb of Hobart	--	625	653
Beltana	Suburb of Hobart	--	--	251
Glebeton	Suburb of Hobart	--	643	694
Moonah	Suburb of Hobart	--	--	732
Mt Stuart	Suburb of Hobart	--	--	523
New Town ¹	Suburb of Hobart	1,720	2,288	2,314
Queensborough (Sandy Bay) ²	Suburb of Hobart	795	1,443	1,821
Wellington Hamlets	Suburb of Hobart	--	704	776
Kempton	A. and P. farming	434	426	288
Kingston	Fruit growing and dairying	171	249	219
Latrobe	A. farming	711	1,560	1,360
Launceston	City	12,752	17,208	18,022
Invermay	Suburb of Launceston	--	882	1,010
Trevallyn	Suburb of Launceston	--	256	529
Lefroy	Mining, gold	436	465	709
Longford	A. and P. farming	1,286	1,084	1,223
Mathinna	Goldmining	--	426	815
New Norfolk	Fruit and hop growing	1,036	1,072	1,151
Oatlands	A. and P. farming	673	731	618
Penguin	A. farming, mining seaport	--	396	540
Perth	A. and P. farming	478	517	442
Pillinger	Mining seaport	--	--	637
Pontville	A. and dairy farming	329	172	114
Queenstown	Mining	--	--	5,051
Richmond	A. and P. farming	448	536	395
Ross	P. farming	353	389	311
St Helens	Dairy and A. farming	257	363	410
Scottsdale	A. farming	--	--	636

Year		1881	1891	1901
Town	Pursuits connected with	Population (no.)		
Sheffield	A. farming	263	429	446
Sorell	A. and P. farming	267	282	245
Stanley	A. farming	332	400	484
Strahan	Mining seaport	--	561	1,504
Swansea	A. farming and fruit growing	244	295	213
Ulverstone	A. farming	--	1,129	1,164
Waratah	Tin mining	874	1,420	1,265
Westbury	A. farming	1,156	1,104	1,027
Wynyard	A. farming	168	621	526
Zeehan	Silver mining	--	1,965	5,014

-- Not included as a town in the 1881 and/or 1891 census tables.

A. farming = Agricultural farming

P. farming = Pastoral farming

¹ New Town was a separate town from Hobart prior to 1891.

² Sandy Bay was a separate town from Hobart prior to 1891.

Notes: Comprises the 36 largest of the 45 towns listed in the 1881 census table 'Population of Towns' and all towns of 500 or more people listed in the table 'Population and Dwellings, 1901'. Town names as of 1901. Names in parentheses are the earlier names of these towns.

Sources: TAS (1887: 76; 1892: 90–1; 1902: 86–7); Tasmanian Family History Society (2014).

Table A.16 Marriage outcomes for incomplete group: 1860, 1870, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort	1860	1870	1880	1890
Marriage outcome	No.			
Separated during wife's childbearing years	14	4	10	9
Wife died during childbearing years	50	60	70	82
Husband died during wife's childbearing years	57	58	76	71
Total	121	122	156	162
	Percentage			
Separated during wife's childbearing years	11.6	3.3	6.4	5.6
Wife died during childbearing years	41.3	49.2	44.9	50.6
Husband died during wife's childbearing years	47.1	47.5	48.7	43.8
Total	100.0	100.0	100.0	100.0

Table A.17 Proportion of families by number of children, complete group: 1860, 1870, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort	1860	1870	1880	1890
No. of children	Percentage			
1–3	14.5	14.1	14.6	27.6
4–6	20.7	18.0	30.2	37.6
7–9	29.7	30.4	32.1	23.3
10+	35.2	37.5	23.0	11.5
Total (%)	100.0	100.0	100.0	100.0
Total (no.)	256	283	417	529

Table A.18 Infant and child mortality, incomplete group: 1860, 1870, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort	1860	1870	1880	1890
Infant/child deaths	Per 1,000			
Infant deaths (< 1 year)	105	83	70	82
Child deaths (1–4 years)	42	47	30	36
Total births (no.)	640	651	762	672

Note: Rates for infant deaths calculated per 1,000 live births and for child deaths per 1,000 children reaching age one.

Table A.19 Infant and child mortality, unobserved group: 1860, 1870, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort	1860	1870	1880	1890
Infant/child deaths	Per 1,000			
Infant deaths (< 1 year)	89	103	66	34
Child deaths (1–4 years)	55	50	53	35
Total births (no.)	259	156	244	149

Note: Rates for infant deaths calculated per 1,000 live births and for child deaths per 1,000 children reaching age one.

Table A.20 Age at last birth by age at marriage, complete group: 1860/70, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort	1860/70	1880	1890
Age at marriage/Age at last birth	Percentage		
Under 20 years			
< 30 years	11.1	18.9	27.4
30–34 years	9.6	15.4	11.5

Marriage cohort	1860/70	1880	1890
Age at marriage/Age at last birth	Percentage		
35–39 years	23.2	28.3	25.7
40+ years	56.1	37.8	35.4
Total (%)	100.0	100.0	100.0
Total (no.)	198	127	113
20–24 years			
< 30 years	8.6	13.6	23.0
30–34 years	11.9	15.4	18.9
35–39 years	31.3	31.7	30.9
40+ years	48.1	39.4	27.2
Total (%)	100.0	100.0	100.0
Total (no.)	243	221	265
25+ years			
< 30 years	4.1	6.1	8.2
30–34 years	13.3	4.5	15.8
35–39 years	33.7	42.4	45.2
40+ years	49.0	47.0	30.8
Total (%)	100.0	100.0	100.0
Total (no.)	98	66	146

Note: There were three women in the 1880 cohort and five in the 1890 cohort for whom age was missing.

Table A.21 Mean birth interval by birth order, complete group: 1860/70, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort	1860/70	1880	1890
Birth order	Mean birth interval (months)		
1–2	23.0	23.3	24.3
2–3	26.0	25.4	26.1
3–4	27.2	25.9	28.7
4–5	25.8	27.6	28.1
5–6	27.1	28.3	27.4
6–7	26.5	27.5	28.2
7–8	26.1	26.9	27.6
8–9	25.0	27.1	26.9
9–10	25.8	24.5	24.6

Note: Excludes last birth interval.

Table A.22 Distribution of covariates for logistic regression (Table 7.16)

Covariate	No. of births	Percentage
Mother's age at the birth		
< 25 years (ref.)	2,416	24.0
25 to < 30 years	2,663	26.4
30+ years	4,970	49.3
Missing	37	0.4
Mother's age at marriage		
< 20 years (ref.)	3,743	37.1
20 to < 25 years	4,834	47.9
25+ years	1,472	14.6
Missing	37	0.4
Age difference between couple		
Same/Husband up to 5 years older (ref.)	4,432	43.9
Wife older	1,416	14.0
Husband 5+ years older	4,100	40.7
Missing	138	1.4
Marriage cohort		
1860/70 cohort (ref.)	4,215	41.8
1880 cohort	2,921	29.0
1890 cohort	2,950	29.3
Socioeconomic status		
White-collar (ref.)	1,862	18.5
Skilled	1,460	14.5
Farmers	2,861	28.4
Lower-skilled	1,068	10.6
Unskilled	2,806	27.8
Missing	29	0.3
Type of geographic location		
Urban area in Tasmania (ref.)	2,773	27.5
Rural area in Tasmania	6,376	63.2
Another colony	937	9.3
Religion		
Anglican (ref.)	3,634	36.0
Catholic	1,194	11.8
Presbyterian	1,381	13.7
Methodist	2,170	21.5

Covariate	No. of births	Percentage
Other Nonconformist	1,701	16.9
Missing	6	0.1
Literacy status of husband and wife		
Both literate (ref.)	8,483	84.1
Husband and/or wife illiterate	1,603	15.9
Twin birth	99	1.0
Child dies as infant before conception of another	620	6.2
Family composition		
More girls than boys	3,917	38.8
More boys than girls	4,413	43.8
Equal numbers of boys and girls	1,756	17.4
Total births = 10,086		

Table A.23 Predicted probability that a birth is the last by socioeconomic status, complete group: 1860/70, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort/ Socioeconomic status	Predicted probability	Standard error	Significance
1860/70 cohort			
White-collar	0.14	0.008	0.000
Skilled	0.12	0.009	0.000
Farmers	0.10	0.006	0.000
Lower-skilled	0.13	0.010	0.000
Unskilled	0.10	0.006	0.000
1880 cohort			
White-collar	0.18	0.010	0.000
Skilled	0.16	0.011	0.000
Farmers	0.13	0.008	0.000
Lower-skilled	0.16	0.012	0.000
Unskilled	0.13	0.008	0.000
1890 cohort			
White-collar	0.24	0.012	0.000
Skilled	0.21	0.013	0.000
Farmers	0.18	0.009	0.000
Lower-skilled	0.22	0.014	0.000
Unskilled	0.18	0.009	0.000

Table A.24 Predicted probability that a birth is the last by socioeconomic status for women who married at 20–24 years, gave birth at 30+ years with a husband the same age or 1–4 years older, complete group: 1860/70, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort/ Socioeconomic status	Predicted probability	Standard error	Significance
1860/70 cohort			
White-collar	0.19	0.013	0.000
Skilled	0.16	0.013	0.000
Farmers	0.13	0.010	0.000
Lower-skilled	0.17	0.015	0.000
Unskilled	0.14	0.010	0.000
1880 cohort			
White-collar	0.24	0.016	0.000
Skilled	0.21	0.017	0.000
Farmers	0.17	0.013	0.000
Lower-skilled	0.22	0.018	0.000
Unskilled	0.18	0.013	0.000
1890 cohort			
White-collar	0.32	0.020	0.000
Skilled	0.28	0.020	0.000
Farmers	0.24	0.015	0.000
Lower-skilled	0.30	0.021	0.000
Unskilled	0.24	0.015	0.000

Table A.25 Predicted probability that a birth is the last by urban/rural location, complete group: 1860/70, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort/Geographic location	Predicted probability	Standard error	Significance
1860/70 cohort			
Urban	0.13	0.007	0.000
Rural	0.10	0.005	0.000
1880 cohort			
Urban	0.17	0.009	0.000
Rural	0.13	0.006	0.000
1890 cohort			
Urban	0.23	0.011	0.000
Rural	0.18	0.007	0.000

Table A.26 Predicted probability that a birth is the last by urban/rural location for women who married at 20–24 years, gave birth at 30+ years with a husband the same age or 1–4 years older, complete group: 1860/70, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort/Geographic location	Predicted probability	Standard error	Significance
1860/70 cohort			
Urban	0.18	0.012	0.000
Rural	0.13	0.009	0.000
1880 cohort			
Urban	0.23	0.015	0.000
Rural	0.18	0.010	0.000
1890 cohort			
Urban	0.31	0.018	0.000
Rural	0.24	0.013	0.000

Table A.27 Proportion of women who have at least a specific number of surviving children, complete group: 1860/70, 1880 and 1890 marriage cohorts, Tasmania

Marriage cohort	1860/70	1880	1890
No. of surviving children	Percentage		
One	100.0	100.0	100.0
Two	0.95	0.94	0.91
Three	0.90	0.86	0.80
Four	0.84	0.78	0.69
Five	0.76	0.69	0.58
Six	0.69	0.60	0.47
Seven	0.60	0.50	0.37
Eight	0.51	0.41	0.27
Nine	0.43	0.32	0.19
Ten	0.34	0.24	0.13
Eleven	0.26	0.17	0.08
Twelve	0.19	0.11	0.05

Table A.28 Distribution of covariates for survival analysis (Table 7.17)

Covariate	No. of births	Percentage
Mother's age at the birth		
< 25 years (ref.)	2,359	27.4
25 to < 30 years	2,511	29.2
30+ years	3,702	43.0
Missing	29	0.3
Mother's age at marriage		
< 20 years (ref.)	3,305	38.4
20 to < 25 years	4,105	47.7
25+ years	1,162	13.5
Missing	29	0.3
Age difference between couple		
Same age/Husband up to 5 years older (ref.)	3,785	44.0
Wife older	1,174	13.7
Husband 5+ years older	3,529	41.0
Missing	113	1.3
Marriage cohort		
1860/70 cohort (ref.)	3,676	42.7
1880 cohort	2,504	29.1
1890 cohort	2,421	28.2
Socioeconomic status		
White-collar (ref.)	1,510	17.6
Skilled	1,235	14.4
Farmers	2,482	28.9
Lower-skilled	887	10.3
Unskilled	2,461	28.6
Missing	26	0.3
Type of geographic location		
Urban area in Tasmania (ref.)	2,310	26.9
Rural area in Tasmania	5,537	64.4
Another colony	754	8.8
Religion		
Anglican (ref.)	3,105	36.1
Catholic	1,032	12.0
Presbyterian	1,161	13.5
Methodist	1,867	21.7

Covariate	No. of births	Percentage
Other Nonconformist	1,431	16.6
Missing	5	0.1
Literacy status of husband and wife		
Both literate (ref.)	7,196	83.7
Husband and/or wife illiterate	1,405	16.3
Twin birth	72	0.8
Child dies as infant before conception of another	522	6.1
Family composition		
More girls than boys	3,317	38.6
More boys than girls	3,760	43.7
Equal numbers of boys and girls	1,524	17.7
Total birth intervals = 8,601		

Table A.29 Estimated effects (relative risks) of various characteristics on the time to the next birth (closed birth intervals), interaction model, complete group: 1860/70, 1880 and 1890 marriage cohorts, Tasmania

Covariate	Relative risk	Standard error	Significance (p)	
Constant	0.08	0.006	0.000	**
Mother's age at birth of a child				
< 25 years (ref.)	1.00	--	--	
25–29 years	0.74	0.025	0.000	**
30+ years	0.63	0.029	0.000	**
Mother's age at marriage				
< 20 years (ref.)	1.00	--	--	
20–24 years	1.14	0.031	0.000	**
25+ years	1.56	0.075	0.000	**
Age difference between couple				
Same age/Husband up to 5 years older (ref.)	1.00	--	--	
Wife older	1.05	0.038	0.188	
Husband 5+ years older	1.01	0.025	0.576	
Marriage cohort				
1860/70 cohort (ref.)	1.00	--	--	
1880 cohort	0.94	0.075	0.406	
1890 cohort	0.7	0.062	0.000	**

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Covariate	Relative risk	Standard error	Significance (p)	
Socioeconomic status				
White-collar (ref.)	1.00	--	--	
Skilled	1.04	0.062	0.515	
Farmers	1.02	0.053	0.649	
Lower-skilled	1.00	0.075	0.985	
Unskilled	0.98	0.051	0.696	
Type of geographic location				
Urban area in Tasmania (ref.)	1.00	--	--	
Rural area in Tasmania	1.04	0.044	0.414	
Another colony	1.03	0.062	0.571	
Religion				
Anglican (ref.)	1.00	--	--	
Catholic	1.00	0.058	0.992	
Presbyterian	1.001	0.053	0.967	
Methodist	1.03	0.049	0.564	
Other Nonconformist	0.91	0.046	0.053	
Literacy status of husband and wife				
Both literate (ref.)	1.00	--	--	
Husband and/or wife illiterate	0.97	0.032	0.428	
Twin birth	1.06	0.128	0.638	
Number of children (crude parity)	1.05	0.018	0.007	**
Number of surviving children	0.99	0.018	0.707	
Child dies as infant before conception of another	1.44	0.067	0.000	**
Ultimate birth interval	0.42	0.014	0.000	**
Sex composition of surviving children				
More surviving girls than boys (ref.)	1.00	--	--	
More surviving boys than girls	1.02	0.025	0.515	
Equal numbers of surviving boys and girls	0.96	0.03	0.196	
Interactions				
Marriage cohort*Socioeconomic status				
1880*Skilled Workers	0.87	0.820	0.143	
1880*Farmers	0.95	0.810	0.556	
1880*Lower-Skilled	0.98	0.103	0.870	

Covariate	Relative risk	Standard error	Significance (p)	
1880*Unskilled	1.06	0.086	0.485	
1890*Skilled workers	1.05	0.102	0.622	
1890*Farmers	1.24	0.107	0.014	*
1890*Lower-skilled	1.03	0.113	0.789	
1890*Unskilled	1.21	0.102	0.024	*
Marriage cohort*Geographic location				
1880*Rural	0.98	0.066	0.762	
1880*Outside Tasmania	0.83	0.092	0.098	
1890*Rural	1.12	0.076	0.108	
1890*Outside Tasmania	1.20	0.133	0.106	
Marriage cohort*Socioeconomic status				
1880*Catholic	1.13	0.098	0.177	
1880*Presbyterian	0.94	0.084	0.458	
1880*Methodist	1.17	0.086	0.028	*
1880*Other Nonconformist	1.07	0.086	0.405	
1890*Catholic	1.01	0.092	0.926	
1890*Presbyterian	1.04	0.088	0.610	
1890*Methodist	0.93	0.068	0.318	
1890*Other Nonconformist	1.03	0.084	0.721	
Number of birth intervals = 8,466				

* p < 0.05

** p < 0.01

-- not applicable for the reference category

This text is taken from *Australia's Fertility Transition: A study of 19th-century Tasmania*, by Helen Moyle, published 2020 by ANU Press, The Australian National University, Canberra, Australia.