

## ANALYSIS OF REPRODUCTIVE TRAITS

Our initial analyses did not reveal any association between early-life disease exposure and lifetime reproductive success (LRS), defined as the number of children an individual produced which survived to the age of 15. We performed additional analyses aiming to determine whether there were any associations between early-life disease exposure and important life-history traits which constitute lifetime reproductive success, namely:

1. Age at first reproduction
2. Number of children born (lifetime breeding success)
3. Children survival rate

For each of the three fitness traits, we tested models with exactly the same structure as for lifetime reproductive success in the main text, with analyses performed separately for females and males.

Analysis of age at first reproduction (AFR) was performed on 3226 individuals who survived to at least the age of 15, who were married and who produced at least one child. Analyses were performed separately for females (N=1681) and males (N=1545). We first considered the same set of model structures as for LRS in the main text, and found that using Box-Cox transformation to select a power transformation ( $AFR^{-1}$ ) provided the most favourable model diagnostics for both males and females. We multiplied  $AFR^{-1}$  by 100 to enhance interpretation of fixed effects estimates. We fitted linear mixed-effects models of the same fixed and random effects structure as for LRS. Analysis of lifetime breeding success (LBS) was performed on data from 3415 individuals who married and survived to the age of 50,

with separate analyses performed on data from females (N=1780) and males (N=1635) using linear mixed-effects model of untransformed LBS, a structure which provided better diagnostics than any other model structure. Finally, child survival rate was analysed using a binomial generalized linear mixed-effects model (GLMM) on data collected from 1512 females and 1331 males who married, survived to age 50, produced at least one child, and where the fate of all children was known to age 15. The response variable was passed to the model as (number of success, number of failures); specifically in this case it was (number of children surviving to age 15, number of children dying before age 15).

The results of these analyses are reported briefly in the main text, with more detail provided in Tables S9-S11.

**Table S1: The number and proportion of individuals falling into each category of the explanatory variables included in our statistical analyses**

<b>Variable</b>	<b>Subset</b>	<b>N</b>	<b>Percentage</b>
Parish	Ikaalinen	1105	15.17%
	Hiittinen	2551	35.03%
	Jaakkima	320	4.39%
	Kustavi	807	11.08%
	Pulkkila	1502	20.62%
	Rautu	258	3.54%
	Rymättylä	740	10.16%
Social class	Rich	4981	68.39%
	Poor	2302	31.61%
Sex	Female	3688	50.64%
	Male	3595	49.36%
Inter-birth interval (IBI)	0	1578	21.67%
	$\leq 2$	1695	23.27%
	$\leq 3$	2369	32.53%
	$> 3$	1641	22.53%
Birth type	Single	7027	96.48%
	Twin	256	3.52%
Birth season	High survival	1817	24.95%
	Low survival	5466	75.05%

Categories of IBI are as follows: 0 = firstborn;  $\leq 2$  = born less than or equal to two years after a mother's previous child;  $\leq 3$  = more than two but less than or equal to three years after their mother's previous child;  $> 3$  = born more than three years after their mother's previous child.

**Table S2: Data showing the calculation of our measure of early-life disease exposure for each of our seven parishes.**

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
HII	1751	76	75	2	0.0267	2	0.0267	0	0.0000	73	0.9733
HII	1752	77	77	1	0.0130	0	0.0000	1	0.0130	76	0.9870
HII	1753	86	83	1	0.0120	0	0.0000	1	0.0120	82	0.9880
HII	1754	84	82	2	0.0244	0	0.0000	2	0.0244	80	0.9756
HII	1755	93	93	10	0.1075	10	0.1075	0	0.0000	83	0.8925
HII	1756	92	92	0	0.0000	0	0.0000	0	0.0000	92	1.0000
HII	1757	92	92	4	0.0435	4	0.0435	0	0.0000	88	0.9565
HII	1758	90	90	3	0.0333	2	0.0222	1	0.0111	87	0.9667
HII	1759	90	89	2	0.0225	2	0.0225	0	0.0000	87	0.9775
HII	1760	91	91	2	0.0220	2	0.0220	0	0.0000	89	0.9780
HII	1761	93	93	7	0.0753	7	0.0753	0	0.0000	86	0.9247
HII	1762	89	89	2	0.0225	2	0.0225	0	0.0000	87	0.9775
HII	1763	104	104	6	0.0577	6	0.0577	0	0.0000	98	0.9423
HII	1764	106	106	3	0.0283	3	0.0283	0	0.0000	103	0.9717
HII	1765	117	116	2	0.0172	2	0.0172	0	0.0000	114	0.9828
HII	1766	131	130	2	0.0154	2	0.0154	0	0.0000	128	0.9846
HII	1767	131	129	17	0.1318	17	0.1318	0	0.0000	112	0.8682
HII	1768	126	125	6	0.0480	6	0.0480	0	0.0000	119	0.9520
HII	1769	135	131	4	0.0305	3	0.0229	1	0.0076	127	0.9695
HII	1770	147	146	4	0.0274	4	0.0274	0	0.0000	142	0.9726

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
HII	1771	152	149	1	0.0067	1	0.0067	0	0.0000	148	0.9933
HII	1772	159	159	5	0.0314	5	0.0314	0	0.0000	154	0.9686
HII	1773	163	163	2	0.0123	2	0.0123	0	0.0000	161	0.9877
HII	1774	167	166	4	0.0241	3	0.0181	1	0.0060	162	0.9759
HII	1775	159	157	4	0.0255	4	0.0255	0	0.0000	153	0.9745
HII	1776	162	161	3	0.0186	3	0.0186	0	0.0000	158	0.9814
HII	1777	153	153	7	0.0458	6	0.0392	1	0.0065	146	0.9542
HII	1778	156	154	3	0.0195	2	0.0130	1	0.0065	151	0.9805
HII	1779	159	150	2	0.0133	2	0.0133	0	0.0000	148	0.9867
HII	1780	152	149	2	0.0134	2	0.0134	0	0.0000	147	0.9866
HII	1781	153	149	7	0.0470	4	0.0268	3	0.0201	142	0.9530
HII	1782	142	139	1	0.0072	1	0.0072	0	0.0000	138	0.9928
HII	1783	138	136	4	0.0294	2	0.0147	2	0.0147	132	0.9706
HII	1784	145	138	0	0.0000	0	0.0000	0	0.0000	138	1.0000
HII	1785	147	144	2	0.0139	1	0.0069	1	0.0069	142	0.9861
HII	1786	162	158	3	0.0190	1	0.0063	2	0.0127	155	0.9810
HII	1787	155	152	6	0.0395	3	0.0197	3	0.0197	146	0.9605
HII	1788	153	150	4	0.0267	2	0.0133	2	0.0133	146	0.9733
HII	1789	151	147	3	0.0204	2	0.0136	1	0.0068	144	0.9796
HII	1790	142	141	4	0.0284	3	0.0213	1	0.0071	137	0.9716
HII	1791	147	146	2	0.0137	1	0.0068	1	0.0068	144	0.9863
HII	1792	159	159	3	0.0189	1	0.0063	2	0.0126	156	0.9811
HII	1793	173	170	0	0.0000	0	0.0000	0	0.0000	170	1.0000
HII	1794	186	184	5	0.0272	4	0.0217	1	0.0054	179	0.9728
HII	1795	199	199	7	0.0352	3	0.0151	4	0.0201	192	0.9648

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
HII	1796	197	195	2	0.0103	2	0.0103	0	0.0000	193	0.9897
HII	1797	209	207	2	0.0097	2	0.0097	0	0.0000	205	0.9903
HII	1798	229	227	3	0.0132	3	0.0132	0	0.0000	224	0.9868
HII	1799	239	231	7	0.0303	1	0.0043	6	0.0260	224	0.9697
HII	1800	244	242	11	0.0455	10	0.0413	1	0.0041	231	0.9545
HII	1801	257	255	5	0.0196	4	0.0157	1	0.0039	250	0.9804
HII	1802	263	259	1	0.0039	0	0.0000	1	0.0039	258	0.9961
HII	1803	257	255	6	0.0235	4	0.0157	2	0.0078	249	0.9765
HII	1804	267	261	7	0.0268	6	0.0230	1	0.0038	254	0.9732
HII	1805	259	255	1	0.0039	0	0.0000	1	0.0039	254	0.9961
HII	1806	253	253	5	0.0198	5	0.0198	0	0.0000	248	0.9802
HII	1807	262	260	6	0.0231	3	0.0115	3	0.0115	254	0.9769
HII	1808	259	257	16	0.0623	10	0.0389	6	0.0233	241	0.9377
HII	1809	238	237	4	0.0169	2	0.0084	2	0.0084	233	0.9831
HII	1810	248	244	4	0.0164	4	0.0164	0	0.0000	240	0.9836
HII	1811	252	250	9	0.0360	5	0.0200	4	0.0160	241	0.9640
HII	1812	248	247	7	0.0283	4	0.0162	3	0.0121	240	0.9717
HII	1813	254	253	12	0.0474	6	0.0237	6	0.0237	241	0.9526
HII	1814	256	254	13	0.0512	7	0.0276	6	0.0236	241	0.9488
HII	1815	252	251	10	0.0398	6	0.0239	4	0.0159	241	0.9602
HII	1816	250	249	5	0.0201	1	0.0040	4	0.0161	244	0.9799
HII	1817	254	254	3	0.0118	0	0.0000	3	0.0118	251	0.9882
HII	1818	264	261	8	0.0307	2	0.0077	6	0.0230	253	0.9693
HII	1819	265	263	10	0.0380	8	0.0304	2	0.0076	253	0.9620
HII	1820	272	271	8	0.0295	7	0.0258	1	0.0037	263	0.9705

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
HII	1821	273	272	12	0.0441	5	0.0184	7	0.0257	260	0.9559
HII	1822	272	271	7	0.0258	4	0.0148	3	0.0111	264	0.9742
HII	1823	275	274	5	0.0182	3	0.0109	2	0.0073	269	0.9818
HII	1824	283	283	12	0.0424	6	0.0212	6	0.0212	271	0.9576
HII	1825	279	278	4	0.0144	3	0.0108	1	0.0036	274	0.9856
HII	1826	284	283	2	0.0071	2	0.0071	0	0.0000	281	0.9929
HII	1827	290	290	2	0.0069	1	0.0034	1	0.0034	288	0.9931
HII	1828	288	287	7	0.0244	5	0.0174	2	0.0070	280	0.9756
HII	1829	291	290	6	0.0207	4	0.0138	2	0.0069	284	0.9793
HII	1830	302	302	20	0.0662	19	0.0629	1	0.0033	282	0.9338
HII	1831	291	290	6	0.0207	3	0.0103	3	0.0103	284	0.9793
HII	1832	288	288	3	0.0104	3	0.0104	0	0.0000	285	0.9896
HII	1833	293	292	5	0.0171	3	0.0103	2	0.0068	287	0.9829
HII	1834	291	288	5	0.0174	3	0.0104	2	0.0069	283	0.9826
HII	1835	298	298	1	0.0034	0	0.0000	1	0.0034	297	0.9966
HII	1836	310	310	4	0.0129	2	0.0065	2	0.0065	306	0.9871
HII	1837	320	320	7	0.0219	5	0.0156	2	0.0063	313	0.9781
HII	1838	330	329	13	0.0395	9	0.0274	4	0.0122	316	0.9605
HII	1839	328	328	10	0.0305	9	0.0274	1	0.0030	318	0.9695
HII	1840	344	342	17	0.0497	10	0.0292	7	0.0205	325	0.9503
HII	1841	334	333	9	0.0270	5	0.0150	4	0.0120	324	0.9730
HII	1842	340	340	9	0.0265	5	0.0147	4	0.0118	331	0.9735
HII	1843	355	355	4	0.0113	2	0.0056	2	0.0056	351	0.9887
HII	1844	360	360	11	0.0306	5	0.0139	6	0.0167	349	0.9694
HII	1845	364	364	4	0.0110	1	0.0027	3	0.0082	360	0.9890

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
HII	1846	366	366	8	0.0219	5	0.0137	3	0.0082	358	0.9781
HII	1847	364	363	14	0.0386	11	0.0303	3	0.0083	349	0.9614
HII	1848	361	357	14	0.0392	7	0.0196	7	0.0196	343	0.9608
HII	1849	369	367	12	0.0327	11	0.0300	1	0.0027	355	0.9673
HII	1850	380	379	5	0.0132	5	0.0132	0	0.0000	374	0.9868
HII	1851	376	375	7	0.0187	6	0.0160	1	0.0027	368	8.0000
HII	1852	381	380	19	0.0500	17	0.0447	2	0.0053	361	20.0000
HII	1853	370	369	16	0.0434	16	0.0434	0	0.0000	353	17.0000
HII	1854	362	358	7	0.0196	7	0.0196	0	0.0000	351	11.0000
HII	1855	350	344	10	0.0291	9	0.0262	1	0.0029	334	16.0000
IKA	1751	38	38	0	0.0000	0	0.0000	0	0.0000	38	1.0000
IKA	1752	39	39	0	0.0000	0	0.0000	0	0.0000	39	1.0000
IKA	1753	40	40	0	0.0000	0	0.0000	0	0.0000	40	1.0000
IKA	1754	41	41	0	0.0000	0	0.0000	0	0.0000	41	1.0000
IKA	1755	41	41	0	0.0000	0	0.0000	0	0.0000	41	1.0000
IKA	1756	43	43	0	0.0000	0	0.0000	0	0.0000	43	1.0000
IKA	1757	42	42	0	0.0000	0	0.0000	0	0.0000	42	1.0000
IKA	1758	40	40	0	0.0000	0	0.0000	0	0.0000	40	1.0000
IKA	1759	42	42	0	0.0000	0	0.0000	0	0.0000	42	1.0000
IKA	1760	48	48	1	0.0208	1	0.0208	0	0.0000	47	0.9792
IKA	1761	49	49	0	0.0000	0	0.0000	0	0.0000	49	1.0000
IKA	1762	59	59	0	0.0000	0	0.0000	0	0.0000	59	1.0000
IKA	1763	69	69	0	0.0000	0	0.0000	0	0.0000	69	1.0000
IKA	1764	73	73	3	0.0411	3	0.0411	0	0.0000	70	0.9589
IKA	1765	77	77	1	0.0130	1	0.0130	0	0.0000	76	0.9870



Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
IKA	1766	88	88	2	0.0227	2	0.0227	0	0.0000	86	0.9773
IKA	1767	95	94	1	0.0106	1	0.0106	0	0.0000	93	0.9894
IKA	1768	106	106	2	0.0189	2	0.0189	0	0.0000	104	0.9811
IKA	1769	119	119	2	0.0168	2	0.0168	0	0.0000	117	0.9832
IKA	1770	123	123	5	0.0407	5	0.0407	0	0.0000	118	0.9593
IKA	1771	133	133	2	0.0150	2	0.0150	0	0.0000	131	0.9850
IKA	1772	144	144	0	0.0000	0	0.0000	0	0.0000	144	1.0000
IKA	1773	149	149	2	0.0134	2	0.0134	0	0.0000	147	0.9866
IKA	1774	157	157	2	0.0127	2	0.0127	0	0.0000	155	0.9873
IKA	1775	169	169	4	0.0237	4	0.0237	0	0.0000	165	0.9763
IKA	1776	175	175	3	0.0171	3	0.0171	0	0.0000	172	0.9829
IKA	1777	182	182	7	0.0385	6	0.0330	1	0.0055	175	0.9615
IKA	1778	196	193	4	0.0207	4	0.0207	0	0.0000	189	0.9793
IKA	1779	200	198	3	0.0152	2	0.0101	1	0.0051	195	0.9848
IKA	1780	206	206	6	0.0291	6	0.0291	0	0.0000	200	0.9709
IKA	1781	225	225	14	0.0622	13	0.0578	1	0.0044	211	0.9378
IKA	1782	221	220	4	0.0182	4	0.0182	0	0.0000	216	0.9818
IKA	1783	236	234	8	0.0342	7	0.0299	1	0.0043	226	0.9658
IKA	1784	246	245	6	0.0245	6	0.0245	0	0.0000	239	0.9755
IKA	1785	247	247	8	0.0324	8	0.0324	0	0.0000	239	0.9676
IKA	1786	257	256	7	0.0273	7	0.0273	0	0.0000	249	0.9727
IKA	1787	269	266	3	0.0113	3	0.0113	0	0.0000	263	0.9887
IKA	1788	273	272	4	0.0147	4	0.0147	0	0.0000	268	0.9853
IKA	1789	266	266	11	0.0414	11	0.0414	0	0.0000	255	0.9586
IKA	1790	268	268	11	0.0410	11	0.0410	0	0.0000	257	0.9590

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
IKA	1791	282	279	6	0.0215	4	0.0143	2	0.0072	273	0.9785
IKA	1792	288	287	3	0.0105	2	0.0070	1	0.0035	284	0.9895
IKA	1793	303	302	8	0.0265	8	0.0265	0	0.0000	294	0.9735
IKA	1794	320	319	13	0.0408	12	0.0376	1	0.0031	306	0.9592
IKA	1795	339	337	2	0.0059	2	0.0059	0	0.0000	335	0.9941
IKA	1796	362	359	2	0.0056	2	0.0056	0	0.0000	357	0.9944
IKA	1797	374	373	2	0.0054	2	0.0054	0	0.0000	371	0.9946
IKA	1798	396	395	21	0.0532	21	0.0532	0	0.0000	374	0.9468
IKA	1799	410	408	5	0.0123	5	0.0123	0	0.0000	403	0.9877
IKA	1800	445	444	10	0.0225	9	0.0203	1	0.0023	434	0.9775
IKA	1801	476	475	9	0.0189	7	0.0147	2	0.0042	466	0.9811
IKA	1802	495	493	16	0.0325	11	0.0223	5	0.0101	477	0.9675
IKA	1803	498	498	6	0.0120	5	0.0100	1	0.0020	492	0.9880
IKA	1804	533	533	11	0.0206	11	0.0206	0	0.0000	522	0.9794
IKA	1805	543	543	11	0.0203	7	0.0129	4	0.0074	532	0.9797
IKA	1806	546	546	19	0.0348	18	0.0330	1	0.0018	527	0.9652
IKA	1807	544	540	24	0.0444	24	0.0444	0	0.0000	516	0.9556
IKA	1808	533	533	13	0.0244	12	0.0225	1	0.0019	520	0.9756
IKA	1809	540	536	61	0.1138	59	0.1101	2	0.0037	475	0.8862
IKA	1810	511	508	14	0.0276	12	0.0236	2	0.0039	494	0.9724
IKA	1811	520	519	10	0.0193	9	0.0173	1	0.0019	509	0.9807
IKA	1812	527	523	3	0.0057	2	0.0038	1	0.0019	520	0.9943
IKA	1813	537	532	9	0.0169	9	0.0169	0	0.0000	523	0.9831
IKA	1814	544	542	44	0.0812	37	0.0683	7	0.0129	498	0.9188
IKA	1815	538	537	7	0.0130	4	0.0074	3	0.0056	530	0.9870

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
IKA	1816	570	570	14	0.0246	10	0.0175	4	0.0070	556	0.9754
IKA	1817	610	607	12	0.0198	12	0.0198	0	0.0000	595	0.9802
IKA	1818	637	636	19	0.0299	17	0.0267	2	0.0031	617	0.9701
IKA	1819	692	689	20	0.0290	12	0.0174	8	0.0116	669	0.9710
IKA	1820	737	736	19	0.0258	16	0.0217	3	0.0041	717	0.9742
IKA	1821	773	768	19	0.0247	16	0.0208	3	0.0039	749	0.9753
IKA	1822	794	791	33	0.0417	31	0.0392	2	0.0025	758	0.9583
IKA	1823	831	831	30	0.0361	25	0.0301	5	0.0060	801	0.9639
IKA	1824	857	856	16	0.0187	13	0.0152	3	0.0035	840	0.9813
IKA	1825	897	892	22	0.0247	21	0.0235	1	0.0011	870	0.9753
IKA	1826	926	920	16	0.0174	10	0.0109	6	0.0065	904	0.9826
IKA	1827	977	975	19	0.0195	15	0.0154	4	0.0041	956	0.9805
IKA	1828	1013	1012	17	0.0168	15	0.0148	2	0.0020	995	0.9832
IKA	1829	1052	1050	46	0.0438	34	0.0324	12	0.0114	1004	0.9562
IKA	1830	1050	1047	19	0.0181	15	0.0143	4	0.0038	1028	0.9819
IKA	1831	1089	1089	18	0.0165	15	0.0138	3	0.0028	1071	0.9835
IKA	1832	1087	1086	50	0.0460	48	0.0442	2	0.0018	1036	0.9540
IKA	1833	1077	1075	18	0.0167	14	0.0130	4	0.0037	1057	0.9833
IKA	1834	1095	1093	38	0.0348	33	0.0302	5	0.0046	1055	0.9652
IKA	1835	1114	1113	18	0.0162	13	0.0117	5	0.0045	1095	0.9838
IKA	1836	1133	1132	28	0.0247	19	0.0168	9	0.0080	1104	0.9753
IKA	1837	1124	1121	42	0.0375	31	0.0277	11	0.0098	1079	0.9625
IKA	1838	1086	1085	19	0.0175	14	0.0129	5	0.0046	1066	0.9825
IKA	1839	1122	1122	29	0.0258	21	0.0187	8	0.0071	1093	0.9742
IKA	1840	1146	1143	21	0.0184	13	0.0114	8	0.0070	1122	0.9816

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
IKA	1841	1181	1180	28	0.0237	10	0.0085	18	0.0153	1152	0.9763
IKA	1842	1200	1198	25	0.0209	18	0.0150	7	0.0058	1173	0.9791
IKA	1843	1278	1275	39	0.0306	20	0.0157	19	0.0149	1236	0.9694
IKA	1844	1321	1317	16	0.0121	10	0.0076	6	0.0046	1301	0.9879
IKA	1845	1355	1350	27	0.0200	12	0.0089	15	0.0111	1323	0.9800
IKA	1846	1382	1377	22	0.0160	11	0.0080	11	0.0080	1355	0.9840
IKA	1847	1422	1418	31	0.0219	16	0.0113	15	0.0106	1387	0.9781
IKA	1848	1471	1466	36	0.0246	19	0.0130	17	0.0116	1430	0.9754
IKA	1849	1516	1512	38	0.0251	18	0.0119	20	0.0132	1474	0.9749
IKA	1850	1522	1516	46	0.0303	23	0.0152	23	0.0152	1470	0.9697
IKA	1851	1573	1565	29	0.0185	14	0.0089	15	0.0096	1536	37.0000
IKA	1852	1608	1597	46	0.0288	28	0.0175	18	0.0113	1551	57.0000
IKA	1853	1618	1612	37	0.0230	22	0.0136	15	0.0093	1575	43.0000
IKA	1854	1653	1647	32	0.0194	17	0.0103	15	0.0091	1615	38.0000
IKA	1855	1709	1703	28	0.0164	16	0.0094	12	0.0070	1675	34.0000
JAA	1751	31	31	0	0.0000	0	0.0000	0	0.0000	31	1.0000
JAA	1752	31	31	0	0.0000	0	0.0000	0	0.0000	31	1.0000
JAA	1753	31	31	0	0.0000	0	0.0000	0	0.0000	31	1.0000
JAA	1754	29	29	0	0.0000	0	0.0000	0	0.0000	29	1.0000
JAA	1755	25	25	0	0.0000	0	0.0000	0	0.0000	25	1.0000
JAA	1756	24	24	0	0.0000	0	0.0000	0	0.0000	24	1.0000
JAA	1757	24	24	0	0.0000	0	0.0000	0	0.0000	24	1.0000
JAA	1758	20	20	0	0.0000	0	0.0000	0	0.0000	20	1.0000
JAA	1759	15	15	0	0.0000	0	0.0000	0	0.0000	15	1.0000
JAA	1760	13	13	0	0.0000	0	0.0000	0	0.0000	13	1.0000

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
JAA	1761	11	11	0	0.0000	0	0.0000	0	0.0000	11	1.0000
JAA	1762	7	7	0	0.0000	0	0.0000	0	0.0000	7	1.0000
JAA	1763	5	5	0	0.0000	0	0.0000	0	0.0000	5	1.0000
JAA	1764	5	5	0	0.0000	0	0.0000	0	0.0000	5	1.0000
JAA	1765	4	4	0	0.0000	0	0.0000	0	0.0000	4	1.0000
JAA	1766	5	5	0	0.0000	0	0.0000	0	0.0000	5	1.0000
JAA	1767	4	4	0	0.0000	0	0.0000	0	0.0000	4	1.0000
JAA	1768	6	6	0	0.0000	0	0.0000	0	0.0000	6	1.0000
JAA	1769	9	9	0	0.0000	0	0.0000	0	0.0000	9	1.0000
JAA	1770	9	9	0	0.0000	0	0.0000	0	0.0000	9	1.0000
JAA	1771	19	19	0	0.0000	0	0.0000	0	0.0000	19	1.0000
JAA	1772	30	30	8	0.2667	7	0.2333	1	0.0333	22	0.7333
JAA	1773	32	32	1	0.0313	1	0.0313	0	0.0000	31	0.9688
JAA	1774	43	43	3	0.0698	3	0.0698	0	0.0000	40	0.9302
JAA	1775	46	46	2	0.0435	2	0.0435	0	0.0000	44	0.9565
JAA	1776	53	52	2	0.0385	2	0.0385	0	0.0000	50	0.9615
JAA	1777	58	58	1	0.0172	1	0.0172	0	0.0000	57	0.9828
JAA	1778	64	63	1	0.0159	1	0.0159	0	0.0000	62	0.9841
JAA	1779	66	66	3	0.0455	2	0.0303	1	0.0152	63	0.9545
JAA	1780	66	66	1	0.0152	0	0.0000	1	0.0152	65	0.9848
JAA	1781	72	72	0	0.0000	0	0.0000	0	0.0000	72	1.0000
JAA	1782	68	68	2	0.0294	1	0.0147	1	0.0147	66	0.9706
JAA	1783	67	67	2	0.0299	2	0.0299	0	0.0000	65	0.9701
JAA	1784	67	67	0	0.0000	0	0.0000	0	0.0000	67	1.0000
JAA	1785	64	64	2	0.0313	2	0.0313	0	0.0000	62	0.9688

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
JAA	1786	59	59	3	0.0508	2	0.0339	1	0.0169	56	0.9492
JAA	1787	63	63	0	0.0000	0	0.0000	0	0.0000	63	1.0000
JAA	1788	62	62	8	0.1290	6	0.0968	2	0.0323	54	0.8710
JAA	1789	54	54	5	0.0926	4	0.0741	1	0.0185	49	0.9074
JAA	1790	47	47	1	0.0213	1	0.0213	0	0.0000	46	0.9787
JAA	1791	44	44	1	0.0227	1	0.0227	0	0.0000	43	0.9773
JAA	1792	40	39	1	0.0256	1	0.0256	0	0.0000	38	0.9744
JAA	1793	44	44	1	0.0227	0	0.0000	1	0.0227	43	0.9773
JAA	1794	42	42	6	0.1429	6	0.1429	0	0.0000	36	0.8571
JAA	1795	39	39	1	0.0256	1	0.0256	0	0.0000	38	0.9744
JAA	1796	43	43	3	0.0698	3	0.0698	0	0.0000	40	0.9302
JAA	1797	44	44	1	0.0227	1	0.0227	0	0.0000	43	0.9773
JAA	1798	52	52	1	0.0192	0	0.0000	1	0.0192	51	0.9808
JAA	1799	54	54	1	0.0185	0	0.0000	1	0.0185	53	0.9815
JAA	1800	58	58	0	0.0000	0	0.0000	0	0.0000	58	1.0000
JAA	1801	71	71	4	0.0563	3	0.0423	1	0.0141	67	0.9437
JAA	1802	76	76	3	0.0395	3	0.0395	0	0.0000	73	0.9605
JAA	1803	84	84	3	0.0357	2	0.0238	1	0.0119	81	0.9643
JAA	1804	84	84	2	0.0238	2	0.0238	0	0.0000	82	0.9762
JAA	1805	87	87	3	0.0345	2	0.0230	1	0.0115	84	0.9655
JAA	1806	92	92	3	0.0326	2	0.0217	1	0.0109	89	0.9674
JAA	1807	89	89	2	0.0225	2	0.0225	0	0.0000	87	0.9775
JAA	1808	98	98	2	0.0204	2	0.0204	0	0.0000	96	0.9796
JAA	1809	94	94	7	0.0745	7	0.0745	0	0.0000	87	0.9255
JAA	1810	88	88	1	0.0114	1	0.0114	0	0.0000	87	0.9886

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
JAA	1811	91	91	2	0.0220	2	0.0220	0	0.0000	89	0.9780
JAA	1812	97	96	5	0.0521	4	0.0417	1	0.0104	91	0.9479
JAA	1813	106	106	7	0.0660	5	0.0472	2	0.0189	99	0.9340
JAA	1814	101	101	1	0.0099	1	0.0099	0	0.0000	100	0.9901
JAA	1815	110	110	5	0.0455	5	0.0455	0	0.0000	105	0.9545
JAA	1816	112	112	5	0.0446	5	0.0446	0	0.0000	107	0.9554
JAA	1817	111	111	3	0.0270	3	0.0270	0	0.0000	108	0.9730
JAA	1818	118	118	5	0.0424	4	0.0339	1	0.0085	113	0.9576
JAA	1819	109	109	1	0.0092	1	0.0092	0	0.0000	108	0.9908
JAA	1820	113	113	1	0.0088	1	0.0088	0	0.0000	112	0.9912
JAA	1821	121	121	6	0.0496	5	0.0413	1	0.0083	115	0.9504
JAA	1822	124	124	5	0.0403	5	0.0403	0	0.0000	119	0.9597
JAA	1823	120	120	2	0.0167	2	0.0167	0	0.0000	118	0.9833
JAA	1824	119	119	14	0.1176	14	0.1176	0	0.0000	105	0.8824
JAA	1825	113	113	4	0.0354	4	0.0354	0	0.0000	109	0.9646
JAA	1826	110	110	6	0.0545	6	0.0545	0	0.0000	104	0.9455
JAA	1827	104	104	2	0.0192	2	0.0192	0	0.0000	102	0.9808
JAA	1828	107	107	1	0.0093	1	0.0093	0	0.0000	106	0.9907
JAA	1829	117	117	9	0.0769	9	0.0769	0	0.0000	108	0.9231
JAA	1830	122	122	2	0.0164	1	0.0082	1	0.0082	120	0.9836
JAA	1831	127	127	2	0.0157	1	0.0079	1	0.0079	125	0.9843
JAA	1832	136	136	6	0.0441	6	0.0441	0	0.0000	130	0.9559
JAA	1833	124	124	5	0.0403	5	0.0403	0	0.0000	119	0.9597
JAA	1834	132	132	3	0.0227	3	0.0227	0	0.0000	129	0.9773
JAA	1835	133	133	3	0.0226	3	0.0226	0	0.0000	130	0.9774

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
JAA	1836	129	129	5	0.0388	5	0.0388	0	0.0000	124	0.9612
JAA	1837	127	127	5	0.0394	4	0.0315	1	0.0079	122	0.9606
JAA	1838	129	129	1	0.0078	1	0.0078	0	0.0000	128	0.9922
JAA	1839	141	141	6	0.0426	5	0.0355	1	0.0071	135	0.9574
JAA	1840	145	145	3	0.0207	3	0.0207	0	0.0000	142	0.9793
JAA	1841	152	152	2	0.0132	2	0.0132	0	0.0000	150	0.9868
JAA	1842	162	162	9	0.0556	9	0.0556	0	0.0000	153	0.9444
JAA	1843	174	174	8	0.0460	8	0.0460	0	0.0000	166	0.9540
JAA	1844	178	178	10	0.0562	7	0.0393	3	0.0169	168	0.9438
JAA	1845	185	185	5	0.0270	2	0.0108	3	0.0162	180	0.9730
JAA	1846	190	190	8	0.0421	5	0.0263	3	0.0158	182	0.9579
JAA	1847	196	196	5	0.0255	4	0.0204	1	0.0051	191	0.9745
JAA	1848	206	206	9	0.0437	8	0.0388	1	0.0049	197	0.9563
JAA	1849	209	209	5	0.0239	4	0.0191	1	0.0048	204	0.9761
JAA	1850	205	205	5	0.0244	4	0.0195	1	0.0049	200	0.9756
JAA	1851	210	210	3	0.0143	3	0.0143	0	0.0000	207	3.0000
JAA	1852	208	208	2	0.0096	1	0.0048	1	0.0048	206	2.0000
JAA	1853	219	219	13	0.0594	8	0.0365	5	0.0228	206	13.0000
JAA	1854	213	213	5	0.0235	4	0.0188	1	0.0047	208	5.0000
JAA	1855	215	215	11	0.0512	8	0.0372	3	0.0140	204	11.0000
KUS	1751	34	34	0	0.0000	0	0.0000	0	0.0000	34	1.0000
KUS	1752	38	38	0	0.0000	0	0.0000	0	0.0000	38	1.0000
KUS	1753	34	34	0	0.0000	0	0.0000	0	0.0000	34	1.0000
KUS	1754	31	31	0	0.0000	0	0.0000	0	0.0000	31	1.0000
KUS	1755	29	29	0	0.0000	0	0.0000	0	0.0000	29	1.0000



Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
KUS	1756	27	27	0	0.0000	0	0.0000	0	0.0000	27	1.0000
KUS	1757	27	27	0	0.0000	0	0.0000	0	0.0000	27	1.0000
KUS	1758	27	27	0	0.0000	0	0.0000	0	0.0000	27	1.0000
KUS	1759	29	29	0	0.0000	0	0.0000	0	0.0000	29	1.0000
KUS	1760	33	33	0	0.0000	0	0.0000	0	0.0000	33	1.0000
KUS	1761	37	37	0	0.0000	0	0.0000	0	0.0000	37	1.0000
KUS	1762	32	32	0	0.0000	0	0.0000	0	0.0000	32	1.0000
KUS	1763	34	34	0	0.0000	0	0.0000	0	0.0000	34	1.0000
KUS	1764	33	33	1	0.0303	0	0.0000	1	0.0303	32	0.9697
KUS	1765	42	42	0	0.0000	0	0.0000	0	0.0000	42	1.0000
KUS	1766	47	47	2	0.0426	1	0.0213	1	0.0213	45	0.9574
KUS	1767	53	53	1	0.0189	0	0.0000	1	0.0189	52	0.9811
KUS	1768	56	56	0	0.0000	0	0.0000	0	0.0000	56	1.0000
KUS	1769	61	60	1	0.0167	0	0.0000	1	0.0167	59	0.9833
KUS	1770	59	58	1	0.0172	1	0.0172	0	0.0000	57	0.9828
KUS	1771	56	56	1	0.0179	1	0.0179	0	0.0000	55	0.9821
KUS	1772	69	69	2	0.0290	2	0.0290	0	0.0000	67	0.9710
KUS	1773	72	72	0	0.0000	0	0.0000	0	0.0000	72	1.0000
KUS	1774	82	82	1	0.0122	1	0.0122	0	0.0000	81	0.9878
KUS	1775	93	93	2	0.0215	2	0.0215	0	0.0000	91	0.9785
KUS	1776	93	93	2	0.0215	2	0.0215	0	0.0000	91	0.9785
KUS	1777	90	90	1	0.0111	1	0.0111	0	0.0000	89	0.9889
KUS	1778	94	94	5	0.0532	3	0.0319	2	0.0213	89	0.9468
KUS	1779	97	97	1	0.0103	1	0.0103	0	0.0000	96	0.9897
KUS	1780	107	107	1	0.0093	1	0.0093	0	0.0000	106	0.9907

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
KUS	1781	117	115	0	0.0000	0	0.0000	0	0.0000	115	1.0000
KUS	1782	124	122	0	0.0000	0	0.0000	0	0.0000	122	1.0000
KUS	1783	123	123	3	0.0244	3	0.0244	0	0.0000	120	0.9756
KUS	1784	126	126	1	0.0079	1	0.0079	0	0.0000	125	0.9921
KUS	1785	121	120	1	0.0083	1	0.0083	0	0.0000	119	0.9917
KUS	1786	124	124	0	0.0000	0	0.0000	0	0.0000	124	1.0000
KUS	1787	134	134	1	0.0075	1	0.0075	0	0.0000	133	0.9925
KUS	1788	136	136	1	0.0074	1	0.0074	0	0.0000	135	0.9926
KUS	1789	140	140	1	0.0071	1	0.0071	0	0.0000	139	0.9929
KUS	1790	139	139	0	0.0000	0	0.0000	0	0.0000	139	1.0000
KUS	1791	141	141	0	0.0000	0	0.0000	0	0.0000	141	1.0000
KUS	1792	146	146	1	0.0068	1	0.0068	0	0.0000	145	0.9932
KUS	1793	158	158	2	0.0127	2	0.0127	0	0.0000	156	0.9873
KUS	1794	156	155	3	0.0194	3	0.0194	0	0.0000	152	0.9806
KUS	1795	164	162	2	0.0123	2	0.0123	0	0.0000	160	0.9877
KUS	1796	168	166	3	0.0181	3	0.0181	0	0.0000	163	0.9819
KUS	1797	167	167	4	0.0240	4	0.0240	0	0.0000	163	0.9760
KUS	1798	160	160	2	0.0125	1	0.0063	1	0.0063	158	0.9875
KUS	1799	162	162	1	0.0062	1	0.0062	0	0.0000	161	0.9938
KUS	1800	167	167	1	0.0060	1	0.0060	0	0.0000	166	0.9940
KUS	1801	167	167	0	0.0000	0	0.0000	0	0.0000	167	1.0000
KUS	1802	184	184	1	0.0054	1	0.0054	0	0.0000	183	0.9946
KUS	1803	190	190	2	0.0105	2	0.0105	0	0.0000	188	0.9895
KUS	1804	192	192	1	0.0052	1	0.0052	0	0.0000	191	0.9948
KUS	1805	198	198	2	0.0101	2	0.0101	0	0.0000	196	0.9899

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
KUS	1806	201	201	5	0.0249	4	0.0199	1	0.0050	196	0.9751
KUS	1807	209	209	2	0.0096	2	0.0096	0	0.0000	207	0.9904
KUS	1808	214	214	4	0.0187	4	0.0187	0	0.0000	210	0.9813
KUS	1809	217	217	0	0.0000	0	0.0000	0	0.0000	217	1.0000
KUS	1810	238	236	3	0.0127	3	0.0127	0	0.0000	233	0.9873
KUS	1811	228	226	3	0.0133	1	0.0044	2	0.0088	223	0.9867
KUS	1812	230	230	1	0.0043	1	0.0043	0	0.0000	229	0.9957
KUS	1813	223	223	1	0.0045	1	0.0045	0	0.0000	222	0.9955
KUS	1814	227	227	16	0.0705	13	0.0573	3	0.0132	211	0.9295
KUS	1815	223	221	0	0.0000	0	0.0000	0	0.0000	221	1.0000
KUS	1816	229	228	7	0.0307	4	0.0175	3	0.0132	221	0.9693
KUS	1817	233	233	9	0.0386	8	0.0343	1	0.0043	224	0.9614
KUS	1818	231	228	5	0.0219	5	0.0219	0	0.0000	223	0.9781
KUS	1819	231	230	8	0.0348	5	0.0217	3	0.0130	222	0.9652
KUS	1820	236	234	6	0.0256	5	0.0214	1	0.0043	228	0.9744
KUS	1821	252	249	2	0.0080	1	0.0040	1	0.0040	247	0.9920
KUS	1822	277	277	13	0.0469	10	0.0361	3	0.0108	264	0.9531
KUS	1823	280	278	3	0.0108	3	0.0108	0	0.0000	275	0.9892
KUS	1824	287	285	4	0.0140	4	0.0140	0	0.0000	281	0.9860
KUS	1825	305	305	4	0.0131	3	0.0098	1	0.0033	301	0.9869
KUS	1826	318	318	3	0.0094	1	0.0031	2	0.0063	315	0.9906
KUS	1827	327	324	4	0.0123	3	0.0093	1	0.0031	320	0.9877
KUS	1828	335	334	0	0.0000	0	0.0000	0	0.0000	334	1.0000
KUS	1829	344	342	6	0.0175	4	0.0117	2	0.0058	336	0.9825
KUS	1830	348	348	6	0.0172	6	0.0172	0	0.0000	342	0.9828

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
KUS	1831	372	371	9	0.0243	9	0.0243	0	0.0000	362	0.9757
KUS	1832	350	350	2	0.0057	0	0.0000	2	0.0057	348	0.9943
KUS	1833	350	343	4	0.0117	3	0.0087	1	0.0029	339	0.9883
KUS	1834	365	363	11	0.0303	10	0.0275	1	0.0028	352	0.9697
KUS	1835	368	364	14	0.0385	10	0.0275	4	0.0110	350	0.9615
KUS	1836	357	355	4	0.0113	4	0.0113	0	0.0000	351	0.9887
KUS	1837	355	352	5	0.0142	3	0.0085	2	0.0057	347	0.9858
KUS	1838	369	368	2	0.0054	1	0.0027	1	0.0027	366	0.9946
KUS	1839	373	370	4	0.0108	4	0.0108	0	0.0000	366	0.9892
KUS	1840	383	381	6	0.0157	6	0.0157	0	0.0000	375	0.9843
KUS	1841	397	393	5	0.0127	2	0.0051	3	0.0076	388	0.9873
KUS	1842	392	391	0	0.0000	0	0.0000	0	0.0000	391	1.0000
KUS	1843	412	408	4	0.0098	4	0.0098	0	0.0000	404	0.9902
KUS	1844	416	413	6	0.0145	4	0.0097	2	0.0048	407	0.9855
KUS	1845	413	408	4	0.0098	4	0.0098	0	0.0000	404	0.9902
KUS	1846	417	416	5	0.0120	4	0.0096	1	0.0024	411	0.9880
KUS	1847	426	420	11	0.0262	10	0.0238	1	0.0024	409	0.9738
KUS	1848	426	423	8	0.0189	6	0.0142	2	0.0047	415	0.9811
KUS	1849	425	424	4	0.0094	3	0.0071	1	0.0024	420	0.9906
KUS	1850	429	426	2	0.0047	2	0.0047	0	0.0000	424	0.9953
KUS	1851	432	431	7	0.0162	7	0.0162	0	0.0000	424	8.0000
KUS	1852	443	442	1	0.0023	1	0.0023	0	0.0000	441	2.0000
KUS	1853	447	439	13	0.0296	11	0.0251	2	0.0046	426	21.0000
KUS	1854	442	437	4	0.0092	2	0.0046	2	0.0046	433	9.0000
KUS	1855	464	456	5	0.0110	5	0.0110	0	0.0000	451	13.0000

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
PUL	1751	107	107	3	0.0280	0	0.0000	3	0.0280	104	0.9720
PUL	1752	111	111	2	0.0180	0	0.0000	2	0.0180	109	0.9820
PUL	1753	131	131	4	0.0305	2	0.0153	2	0.0153	127	0.9695
PUL	1754	132	132	7	0.0530	0	0.0000	7	0.0530	125	0.9470
PUL	1755	136	136	3	0.0221	0	0.0000	3	0.0221	133	0.9779
PUL	1756	152	151	9	0.0596	7	0.0464	2	0.0132	142	0.9404
PUL	1757	164	164	7	0.0427	2	0.0122	5	0.0305	157	0.9573
PUL	1758	166	166	3	0.0181	1	0.0060	2	0.0120	163	0.9819
PUL	1759	173	173	3	0.0173	2	0.0116	1	0.0058	170	0.9827
PUL	1760	180	180	4	0.0222	0	0.0000	4	0.0222	176	0.9778
PUL	1761	192	192	2	0.0104	1	0.0052	1	0.0052	190	0.9896
PUL	1762	191	191	4	0.0209	0	0.0000	4	0.0209	187	0.9791
PUL	1763	202	201	9	0.0448	6	0.0299	3	0.0149	192	0.9552
PUL	1764	195	195	3	0.0154	0	0.0000	3	0.0154	192	0.9846
PUL	1765	201	200	4	0.0200	1	0.0050	3	0.0150	196	0.9800
PUL	1766	211	211	4	0.0190	1	0.0047	3	0.0142	207	0.9810
PUL	1767	208	208	1	0.0048	0	0.0000	1	0.0048	207	0.9952
PUL	1768	207	207	0	0.0000	0	0.0000	0	0.0000	207	1.0000
PUL	1769	215	214	11	0.0514	8	0.0374	3	0.0140	203	0.9486
PUL	1770	214	214	2	0.0093	1	0.0047	1	0.0047	212	0.9907
PUL	1771	220	220	4	0.0182	1	0.0045	3	0.0136	216	0.9818
PUL	1772	223	222	5	0.0225	2	0.0090	3	0.0135	217	0.9775
PUL	1773	231	231	2	0.0087	0	0.0000	2	0.0087	229	0.9913
PUL	1774	233	233	1	0.0043	0	0.0000	1	0.0043	232	0.9957
PUL	1775	234	233	1	0.0043	0	0.0000	1	0.0043	232	0.9957

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
PUL	1776	251	248	1	0.0040	0	0.0000	1	0.0040	247	0.9960
PUL	1777	256	255	5	0.0196	3	0.0118	2	0.0078	250	0.9804
PUL	1778	264	261	10	0.0383	7	0.0268	3	0.0115	251	0.9617
PUL	1779	286	285	3	0.0105	0	0.0000	3	0.0105	282	0.9895
PUL	1780	294	293	7	0.0239	5	0.0171	2	0.0068	286	0.9761
PUL	1781	304	302	5	0.0166	0	0.0000	5	0.0166	297	0.9834
PUL	1782	321	319	3	0.0094	2	0.0063	1	0.0031	316	0.9906
PUL	1783	333	327	6	0.0183	3	0.0092	3	0.0092	321	0.9817
PUL	1784	349	344	14	0.0407	11	0.0320	3	0.0087	330	0.9593
PUL	1785	342	342	11	0.0322	5	0.0146	6	0.0175	331	0.9678
PUL	1786	350	348	3	0.0086	1	0.0029	2	0.0057	345	0.9914
PUL	1787	371	365	1	0.0027	0	0.0000	1	0.0027	364	0.9973
PUL	1788	376	373	3	0.0080	2	0.0054	1	0.0027	370	0.9920
PUL	1789	380	377	13	0.0345	9	0.0239	4	0.0106	364	0.9655
PUL	1790	367	363	9	0.0248	4	0.0110	5	0.0138	354	0.9752
PUL	1791	356	351	5	0.0142	4	0.0114	1	0.0028	346	0.9858
PUL	1792	375	373	16	0.0429	13	0.0349	3	0.0080	357	0.9571
PUL	1793	375	372	7	0.0188	4	0.0108	3	0.0081	365	0.9812
PUL	1794	396	391	11	0.0281	6	0.0153	5	0.0128	380	0.9719
PUL	1795	395	392	8	0.0204	2	0.0051	6	0.0153	384	0.9796
PUL	1796	422	410	4	0.0098	2	0.0049	2	0.0049	406	0.9902
PUL	1797	431	426	3	0.0070	0	0.0000	3	0.0070	423	0.9930
PUL	1798	449	445	3	0.0067	0	0.0000	3	0.0067	442	0.9933
PUL	1799	469	461	12	0.0260	11	0.0239	1	0.0022	449	0.9740
PUL	1800	471	469	12	0.0256	8	0.0171	4	0.0085	457	0.9744

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
PUL	1801	478	475	3	0.0063	1	0.0021	2	0.0042	472	0.9937
PUL	1802	492	488	9	0.0184	5	0.0102	4	0.0082	479	0.9816
PUL	1803	477	473	19	0.0402	14	0.0296	5	0.0106	454	0.9598
PUL	1804	470	465	3	0.0065	0	0.0000	3	0.0065	462	0.9935
PUL	1805	472	468	6	0.0128	2	0.0043	4	0.0085	462	0.9872
PUL	1806	494	486	7	0.0144	3	0.0062	4	0.0082	479	0.9856
PUL	1807	499	494	27	0.0547	22	0.0445	5	0.0101	467	0.9453
PUL	1808	465	461	51	0.1106	39	0.0846	12	0.0260	410	0.8894
PUL	1809	413	408	22	0.0539	19	0.0466	3	0.0074	386	0.9461
PUL	1810	404	403	10	0.0248	3	0.0074	7	0.0174	393	0.9752
PUL	1811	415	414	31	0.0749	26	0.0628	5	0.0121	383	0.9251
PUL	1812	420	418	5	0.0120	1	0.0024	4	0.0096	413	0.9880
PUL	1813	441	440	11	0.0250	10	0.0227	1	0.0023	429	0.9750
PUL	1814	447	444	20	0.0450	17	0.0383	3	0.0068	424	0.9550
PUL	1815	461	459	8	0.0174	8	0.0174	0	0.0000	451	0.9826
PUL	1816	482	480	8	0.0167	2	0.0042	6	0.0125	472	0.9833
PUL	1817	503	498	20	0.0402	15	0.0301	5	0.0100	478	0.9598
PUL	1818	539	533	7	0.0131	2	0.0038	5	0.0094	526	0.9869
PUL	1819	579	570	14	0.0246	9	0.0158	5	0.0088	556	0.9754
PUL	1820	603	599	8	0.0134	3	0.0050	5	0.0083	591	0.9866
PUL	1821	638	635	8	0.0126	5	0.0079	3	0.0047	627	0.9874
PUL	1822	657	654	13	0.0199	8	0.0122	5	0.0076	641	0.9801
PUL	1823	660	655	27	0.0412	24	0.0366	3	0.0046	628	0.9588
PUL	1824	672	665	23	0.0346	18	0.0271	5	0.0075	642	0.9654
PUL	1825	697	687	42	0.0611	28	0.0408	14	0.0204	645	0.9389

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
PUL	1826	678	676	14	0.0207	6	0.0089	8	0.0118	662	0.9793
PUL	1827	709	704	5	0.0071	4	0.0057	1	0.0014	699	0.9929
PUL	1828	747	745	12	0.0161	4	0.0054	8	0.0107	733	0.9839
PUL	1829	753	744	16	0.0215	8	0.0108	8	0.0108	728	0.9785
PUL	1830	770	763	23	0.0301	19	0.0249	4	0.0052	740	0.9699
PUL	1831	758	754	21	0.0279	15	0.0199	6	0.0080	733	0.9721
PUL	1832	741	730	58	0.0795	54	0.0740	4	0.0055	672	0.9205
PUL	1833	689	677	23	0.0340	23	0.0340	0	0.0000	654	0.9660
PUL	1834	683	679	13	0.0191	6	0.0088	7	0.0103	666	0.9809
PUL	1835	705	700	3	0.0043	1	0.0014	2	0.0029	697	0.9957
PUL	1836	696	692	14	0.0202	8	0.0116	6	0.0087	678	0.9798
PUL	1837	688	679	26	0.0383	25	0.0368	1	0.0015	653	0.9617
PUL	1838	678	677	9	0.0133	4	0.0059	5	0.0074	668	0.9867
PUL	1839	685	680	14	0.0206	10	0.0147	4	0.0059	666	0.9794
PUL	1840	711	707	14	0.0198	5	0.0071	9	0.0127	693	0.9802
PUL	1841	719	716	17	0.0237	10	0.0140	7	0.0098	699	0.9763
PUL	1842	738	729	11	0.0151	8	0.0110	3	0.0041	718	0.9849
PUL	1843	764	762	16	0.0210	9	0.0118	7	0.0092	746	0.9790
PUL	1844	774	770	10	0.0130	7	0.0091	3	0.0039	760	0.9870
PUL	1845	807	803	25	0.0311	16	0.0199	9	0.0112	778	0.9689
PUL	1846	794	784	36	0.0459	22	0.0281	14	0.0179	748	0.9541
PUL	1847	816	810	7	0.0086	4	0.0049	3	0.0037	803	0.9914
PUL	1848	822	817	11	0.0135	5	0.0061	6	0.0073	806	0.9865
PUL	1849	821	810	19	0.0235	15	0.0185	4	0.0049	791	0.9765
PUL	1850	849	842	33	0.0392	26	0.0309	7	0.0083	809	0.9608



Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
PUL	1851	848	823	10	0.0122	7	0.0085	3	0.0036	813	35.0000
PUL	1852	850	834	16	0.0192	7	0.0084	9	0.0108	818	32.0000
PUL	1853	877	865	15	0.0173	9	0.0104	6	0.0069	850	27.0000
PUL	1854	893	875	13	0.0149	9	0.0103	4	0.0046	862	31.0000
PUL	1855	936	902	22	0.0244	16	0.0177	6	0.0067	880	56.0000
RAU	1751	22	22	0	0.0000	0	0.0000	0	0.0000	22	1.0000
RAU	1752	30	30	0	0.0000	0	0.0000	0	0.0000	30	1.0000
RAU	1753	32	32	0	0.0000	0	0.0000	0	0.0000	32	1.0000
RAU	1754	35	35	0	0.0000	0	0.0000	0	0.0000	35	1.0000
RAU	1755	36	36	0	0.0000	0	0.0000	0	0.0000	36	1.0000
RAU	1756	34	34	0	0.0000	0	0.0000	0	0.0000	34	1.0000
RAU	1757	34	34	0	0.0000	0	0.0000	0	0.0000	34	1.0000
RAU	1758	30	30	0	0.0000	0	0.0000	0	0.0000	30	1.0000
RAU	1759	29	29	1	0.0345	0	0.0000	1	0.0345	28	0.9655
RAU	1760	28	28	0	0.0000	0	0.0000	0	0.0000	28	1.0000
RAU	1761	26	26	0	0.0000	0	0.0000	0	0.0000	26	1.0000
RAU	1762	24	24	0	0.0000	0	0.0000	0	0.0000	24	1.0000
RAU	1763	17	17	2	0.1176	0	0.0000	2	0.1176	15	0.8824
RAU	1764	15	15	0	0.0000	0	0.0000	0	0.0000	15	1.0000
RAU	1765	19	19	0	0.0000	0	0.0000	0	0.0000	19	1.0000
RAU	1766	18	18	0	0.0000	0	0.0000	0	0.0000	18	1.0000
RAU	1767	18	18	1	0.0556	0	0.0000	1	0.0556	17	0.9444
RAU	1768	20	20	0	0.0000	0	0.0000	0	0.0000	20	1.0000
RAU	1769	25	25	1	0.0400	1	0.0400	0	0.0000	24	0.9600
RAU	1770	26	26	0	0.0000	0	0.0000	0	0.0000	26	1.0000

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
RAU	1771	30	30	0	0.0000	0	0.0000	0	0.0000	30	1.0000
RAU	1772	34	34	1	0.0294	1	0.0294	0	0.0000	33	0.9706
RAU	1773	47	47	2	0.0426	2	0.0426	0	0.0000	45	0.9574
RAU	1774	55	55	2	0.0364	1	0.0182	1	0.0182	53	0.9636
RAU	1775	61	61	1	0.0164	0	0.0000	1	0.0164	60	0.9836
RAU	1776	61	61	3	0.0492	1	0.0164	2	0.0328	58	0.9508
RAU	1777	73	73	4	0.0548	4	0.0548	0	0.0000	69	0.9452
RAU	1778	74	74	7	0.0946	6	0.0811	1	0.0135	67	0.9054
RAU	1779	77	77	1	0.0130	1	0.0130	0	0.0000	76	0.9870
RAU	1780	76	76	1	0.0132	1	0.0132	0	0.0000	75	0.9868
RAU	1781	78	78	0	0.0000	0	0.0000	0	0.0000	78	1.0000
RAU	1782	80	80	9	0.1125	9	0.1125	0	0.0000	71	0.8875
RAU	1783	76	76	2	0.0263	2	0.0263	0	0.0000	74	0.9737
RAU	1784	72	72	0	0.0000	0	0.0000	0	0.0000	72	1.0000
RAU	1785	71	71	2	0.0282	2	0.0282	0	0.0000	69	0.9718
RAU	1786	66	66	4	0.0606	4	0.0606	0	0.0000	62	0.9394
RAU	1787	60	60	6	0.1000	6	0.1000	0	0.0000	54	0.9000
RAU	1788	56	56	1	0.0179	1	0.0179	0	0.0000	55	0.9821
RAU	1789	52	52	1	0.0192	1	0.0192	0	0.0000	51	0.9808
RAU	1790	48	48	1	0.0208	1	0.0208	0	0.0000	47	0.9792
RAU	1791	51	51	0	0.0000	0	0.0000	0	0.0000	51	1.0000
RAU	1792	50	50	1	0.0200	1	0.0200	0	0.0000	49	0.9800
RAU	1793	52	52	0	0.0000	0	0.0000	0	0.0000	52	1.0000
RAU	1794	48	48	3	0.0625	3	0.0625	0	0.0000	45	0.9375
RAU	1795	44	44	2	0.0455	2	0.0455	0	0.0000	42	0.9545

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
RAU	1796	45	45	4	0.0889	4	0.0889	0	0.0000	41	0.9111
RAU	1797	50	50	1	0.0200	0	0.0000	1	0.0200	49	0.9800
RAU	1798	63	63	9	0.1429	6	0.0952	3	0.0476	54	0.8571
RAU	1799	60	60	1	0.0167	1	0.0167	0	0.0000	59	0.9833
RAU	1800	65	65	6	0.0923	6	0.0923	0	0.0000	59	0.9077
RAU	1801	66	66	1	0.0152	1	0.0152	0	0.0000	65	0.9848
RAU	1802	73	73	4	0.0548	2	0.0274	2	0.0274	69	0.9452
RAU	1803	80	80	1	0.0125	1	0.0125	0	0.0000	79	0.9875
RAU	1804	89	89	4	0.0449	4	0.0449	0	0.0000	85	0.9551
RAU	1805	99	99	1	0.0101	0	0.0000	1	0.0101	98	0.9899
RAU	1806	113	113	8	0.0708	3	0.0265	5	0.0442	105	0.9292
RAU	1807	113	113	8	0.0708	6	0.0531	2	0.0177	105	0.9292
RAU	1808	106	106	7	0.0660	5	0.0472	2	0.0189	99	0.9340
RAU	1809	104	104	2	0.0192	2	0.0192	0	0.0000	102	0.9808
RAU	1810	106	106	5	0.0472	3	0.0283	2	0.0189	101	0.9528
RAU	1811	106	106	6	0.0566	5	0.0472	1	0.0094	100	0.9434
RAU	1812	109	109	4	0.0367	2	0.0183	2	0.0183	105	0.9633
RAU	1813	105	105	4	0.0381	4	0.0381	0	0.0000	101	0.9619
RAU	1814	108	108	5	0.0463	4	0.0370	1	0.0093	103	0.9537
RAU	1815	107	107	3	0.0280	3	0.0280	0	0.0000	104	0.9720
RAU	1816	98	98	8	0.0816	3	0.0306	5	0.0510	90	0.9184
RAU	1817	89	89	1	0.0112	1	0.0112	0	0.0000	88	0.9888
RAU	1818	95	95	4	0.0421	1	0.0105	3	0.0316	91	0.9579
RAU	1819	102	102	7	0.0686	5	0.0490	2	0.0196	95	0.9314
RAU	1820	97	97	4	0.0412	3	0.0309	1	0.0103	93	0.9588

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
RAU	1821	88	88	4	0.0455	3	0.0341	1	0.0114	84	0.9545
RAU	1822	92	92	6	0.0652	5	0.0543	1	0.0109	86	0.9348
RAU	1823	94	94	0	0.0000	0	0.0000	0	0.0000	94	1.0000
RAU	1824	99	99	5	0.0505	5	0.0505	0	0.0000	94	0.9495
RAU	1825	100	100	5	0.0500	4	0.0400	1	0.0100	95	0.9500
RAU	1826	98	98	4	0.0408	2	0.0204	2	0.0204	94	0.9592
RAU	1827	102	102	3	0.0294	3	0.0294	0	0.0000	99	0.9706
RAU	1828	103	103	2	0.0194	1	0.0097	1	0.0097	101	0.9806
RAU	1829	110	110	3	0.0273	2	0.0182	1	0.0091	107	0.9727
RAU	1830	112	112	3	0.0268	3	0.0268	0	0.0000	109	0.9732
RAU	1831	126	126	3	0.0238	2	0.0159	1	0.0079	123	0.9762
RAU	1832	131	131	3	0.0229	2	0.0153	1	0.0076	128	0.9771
RAU	1833	131	131	8	0.0611	2	0.0153	6	0.0458	123	0.9389
RAU	1834	133	133	11	0.0827	7	0.0526	4	0.0301	122	0.9173
RAU	1835	128	128	5	0.0391	3	0.0234	2	0.0156	123	0.9609
RAU	1836	127	127	5	0.0394	1	0.0079	4	0.0315	122	0.9606
RAU	1837	136	136	7	0.0515	5	0.0368	2	0.0147	129	0.9485
RAU	1838	136	136	4	0.0294	2	0.0147	2	0.0147	132	0.9706
RAU	1839	137	137	1	0.0073	1	0.0073	0	0.0000	136	0.9927
RAU	1840	150	150	6	0.0400	5	0.0333	1	0.0067	144	0.9600
RAU	1841	149	149	5	0.0336	3	0.0201	2	0.0134	144	0.9664
RAU	1842	159	159	9	0.0566	8	0.0503	1	0.0063	150	0.9434
RAU	1843	157	157	7	0.0446	5	0.0318	2	0.0127	150	0.9554
RAU	1844	171	171	11	0.0643	9	0.0526	2	0.0117	160	0.9357
RAU	1845	174	174	19	0.1092	14	0.0805	5	0.0287	155	0.8908

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
RAU	1846	157	157	10	0.0637	8	0.0510	2	0.0127	147	0.9363
RAU	1847	164	164	7	0.0427	4	0.0244	3	0.0183	157	0.9573
RAU	1848	166	166	11	0.0663	6	0.0361	5	0.0301	155	0.9337
RAU	1849	163	163	9	0.0552	8	0.0491	1	0.0061	154	0.9448
RAU	1850	168	168	9	0.0536	4	0.0238	5	0.0298	159	0.9464
RAU	1851	173	173	10	0.0578	9	0.0520	1	0.0058	163	10.0000
RAU	1852	174	174	8	0.0460	4	0.0230	4	0.0230	166	8.0000
RAU	1853	167	167	6	0.0359	2	0.0120	4	0.0240	161	6.0000
RAU	1854	186	186	13	0.0699	7	0.0376	6	0.0323	173	13.0000
RAU	1855	177	177	6	0.0339	4	0.0226	2	0.0113	171	6.0000
RYM	1751	30	30	0	0.0000	0	0.0000	0	0.0000	30	1.0000
RYM	1752	28	28	1	0.0357	1	0.0357	0	0.0000	27	0.9643
RYM	1753	26	26	0	0.0000	0	0.0000	0	0.0000	26	1.0000
RYM	1754	25	25	0	0.0000	0	0.0000	0	0.0000	25	1.0000
RYM	1755	26	26	0	0.0000	0	0.0000	0	0.0000	26	1.0000
RYM	1756	26	26	0	0.0000	0	0.0000	0	0.0000	26	1.0000
RYM	1757	25	25	0	0.0000	0	0.0000	0	0.0000	25	1.0000
RYM	1758	25	25	2	0.0800	2	0.0800	0	0.0000	23	0.9200
RYM	1759	21	21	0	0.0000	0	0.0000	0	0.0000	21	1.0000
RYM	1760	20	20	0	0.0000	0	0.0000	0	0.0000	20	1.0000
RYM	1761	23	23	1	0.0435	0	0.0000	1	0.0435	22	0.9565
RYM	1762	24	24	1	0.0417	1	0.0417	0	0.0000	23	0.9583
RYM	1763	25	25	2	0.0800	2	0.0800	0	0.0000	23	0.9200
RYM	1764	28	28	2	0.0714	1	0.0357	1	0.0357	26	0.9286
RYM	1765	26	26	0	0.0000	0	0.0000	0	0.0000	26	1.0000

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
RYM	1766	29	29	1	0.0345	1	0.0345	0	0.0000	28	0.9655
RYM	1767	28	28	0	0.0000	0	0.0000	0	0.0000	28	1.0000
RYM	1768	38	38	0	0.0000	0	0.0000	0	0.0000	38	1.0000
RYM	1769	41	41	0	0.0000	0	0.0000	0	0.0000	41	1.0000
RYM	1770	43	43	0	0.0000	0	0.0000	0	0.0000	43	1.0000
RYM	1771	52	52	2	0.0385	2	0.0385	0	0.0000	50	0.9615
RYM	1772	61	61	0	0.0000	0	0.0000	0	0.0000	61	1.0000
RYM	1773	67	67	1	0.0149	1	0.0149	0	0.0000	66	0.9851
RYM	1774	72	72	1	0.0139	1	0.0139	0	0.0000	71	0.9861
RYM	1775	72	72	3	0.0417	3	0.0417	0	0.0000	69	0.9583
RYM	1776	72	72	2	0.0278	2	0.0278	0	0.0000	70	0.9722
RYM	1777	71	71	4	0.0563	3	0.0423	1	0.0141	67	0.9437
RYM	1778	75	75	0	0.0000	0	0.0000	0	0.0000	75	1.0000
RYM	1779	86	86	4	0.0465	2	0.0233	2	0.0233	82	0.9535
RYM	1780	87	87	10	0.1149	10	0.1149	0	0.0000	77	0.8851
RYM	1781	81	81	2	0.0247	1	0.0123	1	0.0123	79	0.9753
RYM	1782	84	84	2	0.0238	2	0.0238	0	0.0000	82	0.9762
RYM	1783	83	83	4	0.0482	4	0.0482	0	0.0000	79	0.9518
RYM	1784	77	77	0	0.0000	0	0.0000	0	0.0000	77	1.0000
RYM	1785	83	83	2	0.0241	2	0.0241	0	0.0000	81	0.9759
RYM	1786	87	87	0	0.0000	0	0.0000	0	0.0000	87	1.0000
RYM	1787	98	98	0	0.0000	0	0.0000	0	0.0000	98	1.0000
RYM	1788	102	101	1	0.0099	1	0.0099	0	0.0000	100	0.9901
RYM	1789	103	103	0	0.0000	0	0.0000	0	0.0000	103	1.0000
RYM	1790	108	108	4	0.0370	3	0.0278	1	0.0093	104	0.9630

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
RYM	1791	107	106	1	0.0094	1	0.0094	0	0.0000	105	0.9906
RYM	1792	115	115	1	0.0087	1	0.0087	0	0.0000	114	0.9913
RYM	1793	123	123	5	0.0407	4	0.0325	1	0.0081	118	0.9593
RYM	1794	122	121	0	0.0000	0	0.0000	0	0.0000	121	1.0000
RYM	1795	133	133	6	0.0451	5	0.0376	1	0.0075	127	0.9549
RYM	1796	138	138	0	0.0000	0	0.0000	0	0.0000	138	1.0000
RYM	1797	143	143	1	0.0070	0	0.0000	1	0.0070	142	0.9930
RYM	1798	143	143	0	0.0000	0	0.0000	0	0.0000	143	1.0000
RYM	1799	153	153	4	0.0261	4	0.0261	0	0.0000	149	0.9739
RYM	1800	151	151	2	0.0132	2	0.0132	0	0.0000	149	0.9868
RYM	1801	153	153	0	0.0000	0	0.0000	0	0.0000	153	1.0000
RYM	1802	171	171	1	0.0058	1	0.0058	0	0.0000	170	0.9942
RYM	1803	174	174	3	0.0172	3	0.0172	0	0.0000	171	0.9828
RYM	1804	176	176	0	0.0000	0	0.0000	0	0.0000	176	1.0000
RYM	1805	187	187	0	0.0000	0	0.0000	0	0.0000	187	1.0000
RYM	1806	197	197	1	0.0051	1	0.0051	0	0.0000	196	0.9949
RYM	1807	198	198	2	0.0101	2	0.0101	0	0.0000	196	0.9899
RYM	1808	206	206	4	0.0194	4	0.0194	0	0.0000	202	0.9806
RYM	1809	207	207	2	0.0097	2	0.0097	0	0.0000	205	0.9903
RYM	1810	217	214	6	0.0280	3	0.0140	3	0.0140	208	0.9720
RYM	1811	220	220	3	0.0136	3	0.0136	0	0.0000	217	0.9864
RYM	1812	222	222	4	0.0180	3	0.0135	1	0.0045	218	0.9820
RYM	1813	216	216	0	0.0000	0	0.0000	0	0.0000	216	1.0000
RYM	1814	219	219	10	0.0457	9	0.0411	1	0.0046	209	0.9543
RYM	1815	225	224	3	0.0134	3	0.0134	0	0.0000	221	0.9866

Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
RYM	1816	234	233	6	0.0258	6	0.0258	0	0.0000	227	0.9742
RYM	1817	240	239	6	0.0251	6	0.0251	0	0.0000	233	0.9749
RYM	1818	241	241	8	0.0332	7	0.0290	1	0.0041	233	0.9668
RYM	1819	242	241	11	0.0456	10	0.0415	1	0.0041	230	0.9544
RYM	1820	233	230	7	0.0304	6	0.0261	1	0.0043	223	0.9696
RYM	1821	241	241	6	0.0249	6	0.0249	0	0.0000	235	0.9751
RYM	1822	239	238	9	0.0378	8	0.0336	1	0.0042	229	0.9622
RYM	1823	250	250	5	0.0200	5	0.0200	0	0.0000	245	0.9800
RYM	1824	261	260	13	0.0500	12	0.0462	1	0.0038	247	0.9500
RYM	1825	280	279	10	0.0358	7	0.0251	3	0.0108	269	0.9642
RYM	1826	289	288	8	0.0278	8	0.0278	0	0.0000	280	0.9722
RYM	1827	289	288	3	0.0104	2	0.0069	1	0.0035	285	0.9896
RYM	1828	297	296	6	0.0203	4	0.0135	2	0.0068	290	0.9797
RYM	1829	287	286	9	0.0315	7	0.0245	2	0.0070	277	0.9685
RYM	1830	307	306	8	0.0261	6	0.0196	2	0.0065	298	0.9739
RYM	1831	338	337	6	0.0178	2	0.0059	4	0.0119	331	0.9822
RYM	1832	321	321	4	0.0125	3	0.0093	1	0.0031	317	0.9875
RYM	1833	334	334	8	0.0240	7	0.0210	1	0.0030	326	0.9760
RYM	1834	332	332	6	0.0181	6	0.0181	0	0.0000	326	0.9819
RYM	1835	339	337	7	0.0208	6	0.0178	1	0.0030	330	0.9792
RYM	1836	346	346	5	0.0145	2	0.0058	3	0.0087	341	0.9855
RYM	1837	353	352	10	0.0284	8	0.0227	2	0.0057	342	0.9716
RYM	1838	359	359	5	0.0139	3	0.0084	2	0.0056	354	0.9861
RYM	1839	383	383	10	0.0261	8	0.0209	2	0.0052	373	0.9739
RYM	1840	404	404	6	0.0149	6	0.0149	0	0.0000	398	0.9851



Parish	Year	Alive	Known fate	Deaths of known cause		Deaths of infections		Deaths of non-infectious causes		Survivors	
				N	Prop	N	Prop	N	Prop	N	Prop
RYM	1841	398	396	3	0.0076	1	0.0025	2	0.0051	393	0.9924
RYM	1842	394	393	4	0.0102	4	0.0102	0	0.0000	389	0.9898
RYM	1843	409	408	12	0.0294	12	0.0294	0	0.0000	396	0.9706
RYM	1844	412	409	9	0.0220	8	0.0196	1	0.0024	400	0.9780
RYM	1845	409	409	3	0.0073	2	0.0049	1	0.0024	406	0.9927
RYM	1846	418	418	9	0.0215	9	0.0215	0	0.0000	409	0.9785
RYM	1847	391	389	6	0.0154	4	0.0103	2	0.0051	383	0.9846
RYM	1848	382	378	2	0.0053	1	0.0026	1	0.0026	376	0.9947
RYM	1849	390	386	4	0.0104	1	0.0026	3	0.0078	382	0.9896
RYM	1850	373	371	7	0.0189	4	0.0108	3	0.0081	364	0.9811
RYM	1851	377	376	7	0.0186	4	0.0106	3	0.0080	369	8.0000
RYM	1852	364	363	9	0.0248	8	0.0220	1	0.0028	354	10.0000
RYM	1853	362	357	17	0.0476	16	0.0448	1	0.0028	340	22.0000
RYM	1854	348	348	3	0.0086	1	0.0029	2	0.0057	345	3.0000
RYM	1855	351	344	7	0.0203	6	0.0174	1	0.0029	337	14.0000

In each year, we recorded the number of individuals aged 0-10 years present in our records from each parish: HII, Hiittinen; IKA, Ikaalinen; JAA, Jaakkima; KUS, Kustavi; PUL, Pulkkila; RAU, Rautu; RYM, Rymättylä. A small proportion of these individuals were of unknown fate (death cause unrecorded or fate unrecorded), while the remainder were classified as dying of an infectious cause, a non-infectious cause, or surviving to the end of the year. Percentages are calculated using the number of individuals with known fate as the denominator. N = number of individuals; Prop = proportion of individuals.

**Table S3: The commonest causes of deaths in children aged 0-10 in seven parishes across Finland, 1751-1855.**

<b>Rank</b>	<b>Cause</b>	<b>Infectious</b>	<b>N</b>	<b>Percentage</b>
1	Unknown disease	1	1049	21.95%
2	Accident	0	598	12.51%
3	Smallpox	1	409	8.56%
4	Respiratory	1	362	7.57%
5	Whooping cough	1	334	6.99%
6	Shigellosis	1	302	6.32%
7	Measles	1	246	5.15%
8	Fever	1	171	3.58%
9	Yeast infection	1	134	2.80%
10	Malaria	1	126	2.64%
11	Gastric problems	0	118	2.47%
12	At birth	0	113	2.36%
13	Weakness	0	110	2.30%
14	Pneumonia	1	86	1.80%
15	Scarlet fever	1	85	1.78%
16	Oedema	0	68	1.42%
17	Cardiovascular	0	54	1.13%
18	Diarrhoea	1	52	1.09%
19	Typhoid fever	1	48	1.00%
20	Epilepsy	0	47	0.98%
21	Cancer	0	43	0.90%
22	Abscess	0	39	0.82%
23	Diphtheria	1	34	0.71%
24	Tuberculosis	1	28	0.59%
25	Rickets	0	26	0.54%

A total of 4682 deaths are shown; a further 98 (2.05% of) deaths were due to eighteen separate causes, none accounting for more than 20 deaths across 105 years. Those deaths considered to be due to infectious causes are denoted with '1' in the 'Infectious' column, which was used to calculate the proportion of people alive in a given year who died of infection before the end of that year (Table S1).

**Table S4: A comparison of mixed-effects Cox proportional hazards models investigating the association between exposure to disease in early life and survival after the age of 15 and the age of 50.**

Age group	Model	Structure	Hazard (95% CI)	Vs	$\chi^2$	DF	P	AIC
≥15	0	Base						74788.88
	1	Disease Year 0	1.00 (0.98-1.02)	0	0.00	1	0.961	74790.54
	2	Disease Year 1	1.02 (0.99-1.04)	0	1.89	1	0.169	74787.70
	3	Disease Year 2	0.99 (0.97-1.01)	0	0.96	1	0.328	74789.52
	4	Disease Year 3	1.01 (0.98-1.03)	0	0.26	1	0.611	74790.34
	5	Disease Year 4	1.01 (0.99-1.03)	0	0.80	1	0.371	74789.66
	6	Disease Years 0-4	1.02 (0.99-1.04)	0	4.02	4	0.546	74792.18
	7	Disease Year 1 <sup>2</sup>	1.00 (0.99-1.01)	2	0.97	1	0.325	74790.14
	8	Disease Year 1:Parish (Ikaalinen)	0.95 (0.89-1.02)	2	7.93	6	0.244	74790.46
		Disease Year 1:Parish (Jaakkima)	1.02 (0.95-1.11)					
	Disease Year 1:Parish (Kustavi)	1.04 (0.93-1.16)						
	Disease Year 1:Parish (Pulkkila)	0.98 (0.90-1.06)						
	Disease Year 1:Parish (Rautu)	0.99 (0.91-1.08)						
	Disease Year 1:Parish (Rymättylä)	0.94 (0.86-1.03)						
	9	Disease Year 1:Social (Poor)	1.01 (0.95-1.06)	2	0.04	1	0.843	74789.60
	10	Disease Year 1:Sex (Female)	1.04 (1.00-1.09)	2	3.70	1	0.054	74786.50
≥50	0	Base						43554.98
	1	Birth year	1.01 (0.98-1.04)	0	0.73	1	0.394	43556.64
	2	Disease Year 1	1.00 (0.97-1.03)	0	0.00	1	0.958	43556.59
	3	Disease Year 2	0.98 (0.95-1.01)	0	1.11	1	0.293	43555.46
	4	Disease Year 3	1.01 (0.98-1.04)	0	0.46	1	0.499	43555.87
	5	Disease Year 4	1.01 (0.98-1.05)	0	0.96	1	0.327	43555.14

6	Disease Years 0-4	1.02 (0.98-1.05)	0	3.02	4	0.697	43559.85
7	Disease Year 4 <sup>2</sup>	1.01 (1.00-1.02)	5	6.14	1	0.013	43553.82
	Disease Year 4:Parish (Ikaalinen)	0.96 (0.87-1.05)					
	Disease Year 4:Parish (Jaakkima)	0.96 (0.85-1.08)					
8	Disease Year 4:Parish (Kustavi)	1.06 (0.92-1.23)	5	6.05	6	0.418	43559.08
	Disease Year 4:Parish (Pulkkila)	1.01 (0.90-1.13)					
	Disease Year 4:Parish (Rautu)	1.07 (0.95-1.21)					
	Disease Year 4:Parish (Rymättylä)	1.01 (0.89-1.16)					
9	Disease Year 4:Social (Poor)	0.99 (0.91-1.07)	5	0.13	1	0.719	43556.5
10	Disease Year 4:Sex (Female)	0.95 (0.90-1.01)	5	2.70	1	0.100	43552.57

The base model is described in the Materials and Methods section. For each model, a term incorporating early disease exposure in one of the first five years of life was added as either a main effect or as an interaction. The hazard and 95% confidence intervals (CI) refer to term added to the model; ‘Vs’ indicates which model the focal model was compared to;  $\chi^2$  statistics were calculated on one degree of freedom; P-values refer to likelihood ratio tests comparing a model with the indicated term included and a simpler model excluding that term. The upper part of the table shows analyses for all 7283 individuals in the dataset; the lower part shows analyses restricted to the 3822 individuals who survived to at least the age of 50. For the age group of  $\geq 15$ , the parameter estimate for model 6, which included disease exposure in each of the first five years of life as fixed effects, is that for Disease Year 1, which was the best fitting model (model 2) when the first five years were fitted separately; For the age group of  $\geq 50$ , the parameter estimate for model 6 is that for Disease Year 4, which was the best fitting model (model 5) when the first five years were fitted separately.

**Table S5: Causes of death of 7283 individuals born in seven parishes of Finland, 1751-1850, and who lived to at least the age of 15.**

Death cause	Infectious	CVD/stroke/cancer	N	Total %	Deaths %	Mean age	Males	Male %	Females	Female %
Survived	NA	NA	3678	50.50%	NA	47.46	1701	48.00%	1877	51.58%
Tuberculosis	1	0	537	7.37%	14.90%	49.69	267	8.28%	270	7.42%
Old age	0	0	493	6.77%	13.68%	76.94	211	6.54%	282	7.75%
Typhoid fever	1	0	412	5.66%	11.43%	45.41	231	7.16%	181	4.97%
Accident	0	0	315	4.33%	8.74%	47.37	211	6.54%	104	2.86%
Pneumonia	1	0	227	3.12%	6.30%	52.21	134	4.15%	93	2.56%
Fever	1	0	222	3.05%	6.16%	48.23	118	3.66%	104	2.86%
Stroke	0	1	188	2.58%	5.21%	60.26	99	3.07%	89	2.45%
Oedema	0	0	153	2.10%	4.24%	50.50	72	2.23%	81	2.23%
Unknown disease	1	0	121	1.66%	3.36%	59.44	61	1.89%	60	1.65%
Gastric problems	0	0	110	1.51%	3.05%	55.83	63	1.95%	47	1.29%
Malaria	1	0	98	1.35%	2.72%	46.53	58	1.80%	40	1.10%
Childbirth	0	0	96	1.32%	2.66%	32.13	0	0.00%	96	2.64%
Cancer	0	1	89	1.22%	2.47%	58.16	44	1.36%	45	1.24%
Respiratory	1	0	71	0.97%	1.97%	52.21	33	1.02%	38	1.04%
Cardiovascular	0	1	69	0.95%	1.91%	54.80	34	1.05%	35	0.96%
Diphtheria	1	0	48	0.66%	1.33%	54.21	28	0.87%	20	0.55%
Weakness	0	0	48	0.66%	1.33%	68.54	14	0.43%	34	0.93%
Shigellosis	1	0	47	0.65%	1.30%	41.81	21	0.65%	26	0.71%
Smallpox	1	0	32	0.44%	0.89%	30.94	21	0.65%	11	0.30%
Rheumatism	0	0	27	0.37%	0.75%	68.63	11	0.34%	16	0.44%
Diarrhoea	1	0	26	0.36%	0.72%	45.62	17	0.53%	9	0.25%
Influenza	1	0	19	0.26%	0.53%	51.00	8	0.25%	11	0.30%
Urinary problems	0	0	15	0.21%	0.42%	59.93	12	0.37%	3	0.08%
Abscess	0	0	14	0.19%	0.39%	46.50	6	0.19%	8	0.22%

Blood problems	0	0	12	0.16%	0.33%	50.92	6	0.19%	6	0.16%
Cholera	1	0	12	0.16%	0.33%	40.42	8	0.25%	4	0.11%
Gout	0	0	10	0.14%	0.28%	55.50	5	0.15%	5	0.14%
Hepatitis A	1	0	10	0.14%	0.28%	52.70	7	0.22%	3	0.08%
Hernia	0	0	10	0.14%	0.28%	56.20	10	0.31%	0	0.00%

Individuals who ‘survived’ were censored, i.e. they disappeared from our study but were not recorded as dying. A further 74 (2.16%) deaths were due to a further 20 causes, none of which accounted for more than nine deaths.

**Table S6: A comparison of mixed-effects Cox proportional hazards models investigating the association between exposure to disease in early life and mortality risk from cardiovascular disease, stroke and cancer after the age of 15 and the age of 50.**

Age group	Model	Structure	Hazard (95% CI)	Vs	$\chi^2$	DF	P	AIC	
≥15	0	Base						5310.15	
	1	Disease Year 0	1.00 (0.92-1.08)	0	0.01	1	0.904	5312.02	
	2	Disease Year 1	1.05 (0.97-1.13)	0	1.52	1	0.218	5310.41	
	3	Disease Year 2	0.99 (0.91-1.07)	0	0.12	1	0.734	5311.94	
	4	Disease Year 3	1.01 (0.93-1.09)	0	0.03	1	0.866	5312.03	
	5	Disease Year 4	0.94 (0.86-1.03)	0	1.95	1	0.162	5310.10	
	6	Disease Years 0-4	0.94 (0.91-0.98)	0	3.26	4	0.660	5316.35	
	7	Disease Year 4 <sup>2</sup>	0.99 (0.96-1.02)	5	0.18	1	0.675	5311.69	
	8		Disease Year 4:Parish (Ikaalinen)	1.10 (0.84-1.45)					
			Disease Year 4:Parish (Jaakkima)	1.21 (0.87-1.67)					
		Disease Year 4:Parish (Kustavi)	1.36 (0.90-2.04)	5	3.17	6	0.787	5318.22	
		Disease Year 4:Parish (Pulkkila)	1.05 (0.73-1.52)						
		Disease Year 4:Parish (Rautu)	1.08 (0.77-1.52)						
	Disease Year 4:Parish (Rymättylä)	1.00 (0.66-1.50)							
9	Disease Year 4:Social (Poor)	0.79 (0.62-1.00)	5	4.17	1	0.041	5308.13		
10	Disease Year 4:Sex (Female)	1.07 (0.90-1.27)	5	0.54	1	0.463	5311.51		
≥50	0	Base						3903.86	
	1	Birth year	0.97 (0.89-1.06)	0	0.41	1	0.521	3905.22	
	2	Year 1	1.04 (0.96-1.13)	0	0.86	1	0.354	3904.85	
	3	Year 2	0.99 (0.90-1.08)	0	0.07	1	0.792	3905.66	
	4	Year 3	0.99 (0.90-1.09)	0	0.08	1	0.782	3905.74	
	5	Year 4	0.99 (0.90-1.09)	0	0.06	1	0.809	3905.74	

6	Years 0-4	0.99 (0.89-1.09)	0	1.3	4	0.935	3912.02
7	Disease Year 1 <sup>2</sup>	1.00 (0.99-1.02)	2	0.86	1	0.353	3906.73
	Disease Year 1:Parish (Ikaalinen)	1.19 (0.88-1.60)					
	Disease Year 1:Parish (Jaakkima)	1.20 (0.87-1.65)					
8	Disease Year 1:Parish (Kustavi)	1.19 (0.73-1.95)	2	3.38	6	0.76	3913.9
	Disease Year 1:Parish (Pulkkila)	1.11 (0.71-1.76)					
	Disease Year 1:Parish (Rautu)	1.27 (0.91-1.77)					
	Disease Year 1:Parish (Rymättylä)	1.24 (0.86-1.79)					
9	Disease Year 1:Social (Poor)	1.09 (0.86-1.39)	2	1.28	1	0.258	3906.45
10	Disease Year 1:Sex (Female)	0.86 (0.72-1.03)	2	3.69	1	0.055	3904.12

The base model is described in the Materials and Methods section. For each model, a term incorporating early disease exposure in one of the first five years of life, either as a main effect or as an interaction was added: the hazard and 95% confidence intervals (CI) refer to term added to the model; ‘Vs’ indicates which model the focal model was compared to;  $\chi^2$  statistics were calculated on one degree of freedom; P-values refer to likelihood ratio tests comparing a model with the indicated tem included and a simpler model excluding that term. The upper part of the table shows analyses for all 7283 individuals in the dataset; the lower part shows analyses restricted to the 3822 individuals who survived to at least the age of 50.



**Table S7: Results from mixed-effects Cox model of mortality risk from heart disease, stroke or cancer after the age of 15.**

<b>Hazard</b>	<b>Hazard (95% CI)</b>	<b><math>\chi^2</math></b>	<b>DF</b>	<b>P</b>
<i>Fixed effects</i>				
Parish (Hiittinen)	1.00 (1.00-1.00)	14.74	6	0.022
Parish (Ikaalinen)	0.66 (0.48-0.91)			
Parish (Jaakkima)	1.20 (0.73-1.96)			
Parish (Kustavi)	0.81 (0.54-1.21)			
Parish (Pulkkila)	0.71 (0.44-1.13)			
Parish (Rautu)	1.31 (0.77-2.23)			
Parish (Rymättylä)	0.75 (0.48-1.16)			
Social (Rich)	1.00 (1.00-1.00)	2.48	1	0.115
Social (Poor)	1.19 (0.90-1.57)			
Sex (Males)	1.00 (1.00-1.00)	7.28	1	0.007
Sex (Female)	0.74 (0.60-0.92)			
IBI = 0	1.00 (1.00-1.00)	6.6	3	0.086
IBI = 1	0.75 (0.54-1.04)			
IBI = 2	0.99 (0.74-1.31)			
IBI = 3	0.74 (0.53-1.03)			
Twin (0)	1.00 (1.00-1.00)	0.34	1	0.562
Twin (1)	1.17 (0.70-1.94)			
Birth season (Low)	1.00 (1.00-1.00)	4.00	1	0.046
Birth season (High)	1.30 (1.00-1.70)			
Disease Year 4	0.98 (0.90-1.08)	1.95	1	0.162
Disease Year 4: Social (Rich)	1.00 (1.00-1.00)	4.17	1	0.041
Disease Year 4: Social (Poor)	0.79 (0.62-1.00)			
<i>Random effects</i>				
	<b>Variance (SD)</b>			
Maternal ID	0.39 (0.63)			
Year	0.01 (0.10)			

Hazards and 95% CI are shown for a one-unit change in the explanatory variable. ‘IBI’ = inter-birth interval; ‘Disease Year 4’ = disease exposure in the fourth year after birth.

**Table S8: Results from linear mixed-effects models of the association between early-life disease exposure and lifetime reproductive success (LRS), with females and males analysed separately.**

Sex	Model	Structure	Estimate	SE	Vs	$\chi^2$	DF	P	AIC	
Females	0	Base	NA	NA	NA	NA	NA	NA	2274.93	
	1	Disease Year 0	0.0042	0.0098		0	0.18	1	0.670	2284.16
	2	Disease Year 1	-0.0202	0.0112		0	3.25	1	0.071	2280.85
	3	Disease Year 2	0.0031	0.0108		0	0.08	1	0.774	2284.06
	4	Disease Year 3	0.0080	0.0106		0	0.57	1	0.450	2283.63
	5	Disease Year 4	-0.0013	0.0108		0	0.01	1	0.903	2284.14
	6	Disease Years 0-4	-0.0187	0.0118		0	3.69	1	0.596	2317.27
	7	Disease Year 1 <sup>2</sup>	0.0019	0.0033		2	0.29	1	0.588	2292.11
	8	Disease Year 1:Parish				2	3.21	6	0.782	2318.31
	9	Disease Year 1:Social (Poor)	-0.0038	0.0142		2	0.07	1	0.787	2289.45
Males		Base	NA	NA	NA	NA	NA	NA	2103.46	
	0	Birth year	0.0013	0.0106		0	0.01	1	0.903	2112.69
	1	Year 1	-0.0006	0.0110		0	0.00	1	0.951	2112.64
	2	Year 2	0.0009	0.0121		0	0.00	1	0.945	2112.45
	3	Year 3	-0.0025	0.0112		0	0.04	1	0.836	2112.56
	4	Year 4	0.0068	0.0118		0	0.33	1	0.563	2112.17
	5	Years 0-4	0.0071	0.0126		0	0.39	1	0.996	2148.42
	7	Disease Year 4 <sup>2</sup>	0.0061	0.0039		2	2.78	1	0.096	2120.99
	8	Disease Year 4:Parish				2	2.31	6	0.889	2148.96
	9	Disease Year 4:Social (Poor)	0.0121	0.0176		2	0.81	1	0.367	2119.94

Lifetime reproductive success (LRS) was analysed using a Gaussian error structure on Box-Cox transformed values. The full structure of the base model and a description of subsequent models are given in the Materials and Methods section of the main text. For each model, the parameter estimate and standard error (SE) are given for the term in question and 'Vs' indicates which model the model in question was compared against using a likelihood ratio test.

**Table S9: Results from linear mixed-effects models of associations between early-life disease exposure and age at first reproduction (AFR), with females and males analysed separately.**

Sex	Model	Structure	Estimate	SE	Vs	$\chi^2$	DF	P	AIC
Females	0	Base							3511.62
	1	Disease Year 0	0.0080	0.0119	0	0.46	1	0.496	3520.21
	2	Disease Year 1	-0.0224	0.0128	0	3.09	1	0.079	3517.44
	3	Disease Year 2	0.0035	0.0131	0	0.07	1	0.786	3520.39
	4	Disease Year 3	0.0199	0.0130	0	2.31	1	0.128	3518.17
	5	Disease Year 4	-0.0052	0.0133	0	0.17	1	0.684	3520.27
	6	Disease Years 0-4	-0.0189	0.0140	0	5.62	1	0.345	3550.26
	7	Disease Year 1 <sup>2</sup>	0.0012	0.0020	2	0.34	1	0.558	3529.69
	8	Disease Year 1:Parish			2	11.58	6	0.072	3544.81
	9	Disease Year 1:Social (Poor)	0.0517	0.0353	2	2.14	1	0.143	3522.16
Males		Base							3127.94
	0	Birth year	-0.0029	0.0120	0	0.06	1	0.813	3136.88
	1	Year 1	-0.0017	0.0122	0	0.02	1	0.884	3136.89
	2	Year 2	-0.0053	0.0135	0	0.15	1	0.696	3136.55
	3	Year 3	-0.0014	0.0125	0	0.01	1	0.907	3136.85
	4	Year 4	-0.0081	0.0130	0	0.39	1	0.532	3136.39
	5	Years 0-4	-0.0123	0.0140	0	1.14	1	0.951	3171.07
	7	Disease Year 4 <sup>2</sup>	0.0020	0.0042	2	0.24	1	0.627	3147.28
	8	Disease Year 4:Parish			2	4.42	6	0.620	3169.64
	9	Disease Year 4:Social (Poor)	-0.0735	0.0413	2	3.19	1	0.074	3139.77

Age at first reproduction (AFR) was analysed using a Gaussian error structure on Box-Cox transformed values. The full structure of the base model and a description of subsequent models are given in the Materials and Methods section of the main text. For each model, the parameter estimate and standard error (SE) are given for the term in question and 'Vs' indicates which model the model in question was compared against using a likelihood ratio test.

**Table S10: Results from linear mixed-effects models of associations between early-life disease exposure and lifetime breeding success (LBS, the number of children born to an individual during their lifetime), with females and males analysed separately.**

Sex	Model	Structure	Estimate	SE	Vs	$\chi^2$	DF	P	AIC
Females	0	Base	NA	NA	NA	NA	NA	NA	8965.92
	1	Disease Year 0	0.0630	0.0521	0	1.47	1	0.226	8970.54
	2	Disease Year 1	-0.0705	0.0555	0	1.63	1	0.202	8970.25
	3	Disease Year 2	-0.0114	0.0557	0	0.04	1	0.841	8971.81
	4	Disease Year 3	0.0053	0.0564	0	0.01	1	0.929	8971.82
	5	Disease Year 4	-0.0118	0.0567	0	0.05	1	0.832	8971.78
	6	Disease Years 0-4	-0.0650	0.0597	0	2.82	1	0.727	8992.64
	7	Disease Year 1 <sup>2</sup>	0.0009	0.0089	2	0.01	1	0.924	8979.85
	8	Disease Year 1:Parish			2	5.22	6	0.516	8986.35
	9	Disease Year 1:Social (Poor)	0.0436	0.1463	2	0.09	1	0.771	8974.17
Males		Base	NA	NA	NA	NA	NA	NA	8587.20
	0	Birth year	0.0414	0.0601	0	0.48	1	0.490	8592.51
	1	Year 1	0.0003	0.0605	0	0.00	1	0.999	8592.97
	2	Year 2	-0.0263	0.0665	0	0.16	1	0.690	8592.62
	3	Year 3	0.0594	0.0625	0	0.91	1	0.339	8592.00
	4	Year 4	-0.0358	0.0646	0	0.31	1	0.577	8592.53
	5	Years 0-4	0.0596	0.0673	0	1.70	1	0.889	8613.73
	7	Disease Year 3 <sup>2</sup>	0.0104	0.0192	2	1.21	1	0.272	8599.78
	8	Disease Year 3:Parish			2	2.73	6	0.842	8608.58
	9	Disease Year 3:Social (Poor)	0.0255	0.1995	2	0.93	1	0.335	8595.37

Untransformed lifetime breeding success (LBS) was analysed using a Gaussian error structure. The full structure of the base model and a description of subsequent models are given in the Materials and Methods section of the main text. For each model, the parameter estimate and standard error (SE) are given for the term in question and 'Vs' indicates which model the model in question was compared against using a likelihood ratio test.

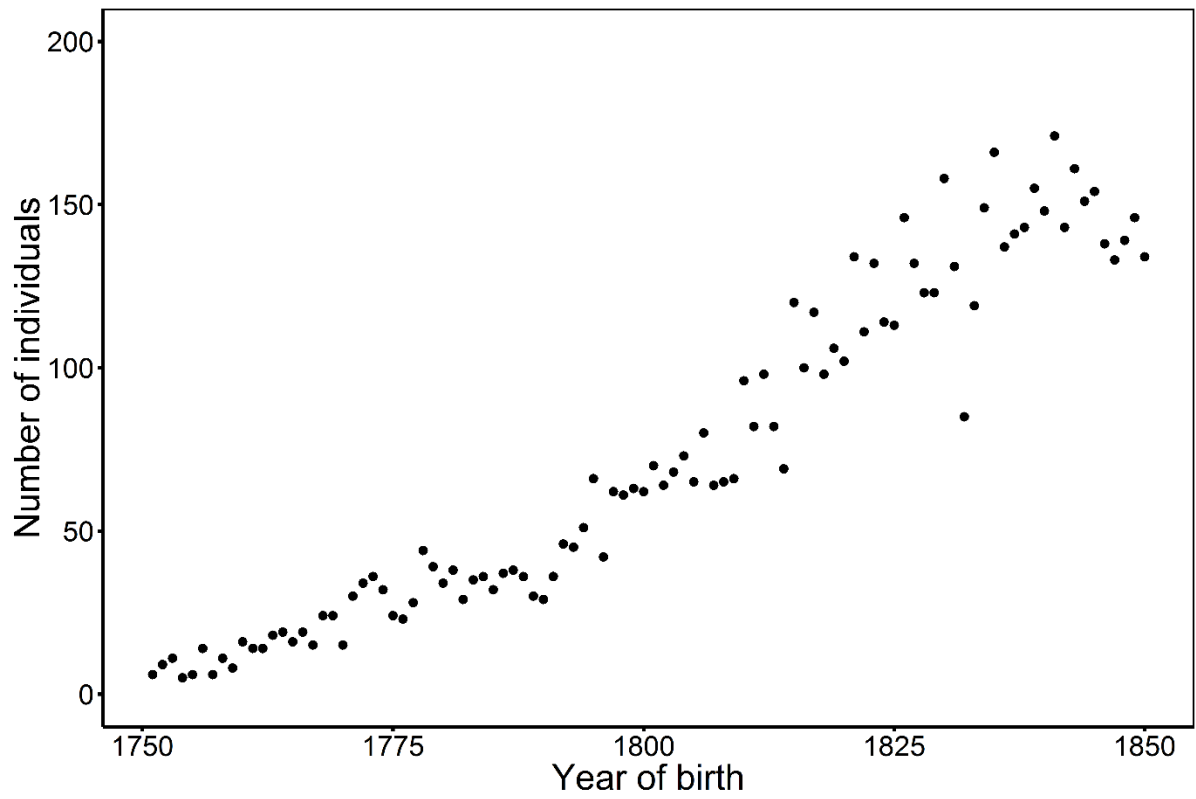
**Table S11: Results from generalized linear mixed-effects models of associations between early-life disease exposure and child survival rate (CSR, the proportion of children born to an individual that survived to age 15), with females and males analysed separately.**

Sex	Model	Structure	Estimate	SE	Vs	$\chi^2$	DF	P	AIC
Females	0	Base	NA	NA	NA	NA	NA	NA	4626.64
	1	Disease Year 0	-0.0051	0.0197	0	0.07	1	0.793	4628.58
	2	Disease Year 1	-0.0271	0.0233	0	1.33	1	0.248	4627.31
	3	Disease Year 2	0.0208	0.0222	0	0.88	1	0.348	4627.77
	4	Disease Year 3	0.0093	0.0214	0	0.19	1	0.665	4628.46
	5	Disease Year 4	-0.0325	0.0225	0	2.08	1	0.149	4626.56
	6	Disease Years 0-4	-0.0326	0.0235	0	4.17	1	0.526	4632.48
	7	Disease Year 4 <sup>2</sup>	0.0014	0.0064	2	0.04	1	0.833	4628.52
	8	Disease Year 4:Parish	0.0371	0.0652	2	3.95	6	0.683	4634.61
	9	Disease Year 4:Social (Poor)	0.0512	0.0583	2	0.77	1	0.382	4627.80
Males	0	Base	NA	NA	NA	NA	NA	NA	4275.87
	0	Birth year	-0.0138	0.0194	0	0.51	1	0.477	4277.36
	1	Year 1	0.0257	0.0222	0	1.34	1	0.246	4276.52
	2	Year 2	0.0186	0.0242	0	0.59	1	0.442	4277.27
	3	Year 3	-0.0059	0.0213	0	0.08	1	0.781	4277.79
	4	Year 4	0.013	0.0228	0	0.32	1	0.570	4277.54
	5	Years 0-4	0.0331	0.0243	0	3.36	1	0.645	4282.51
	7	Disease Year 1 <sup>2</sup>	0.0074	0.0065	2	1.32	1	0.251	4277.20
	8	Disease Year 1:Parish	0.0333	0.0669	2	2.93	6	0.817	4285.59
	9	Disease Year 1:Social (Poor)	-0.0589	0.0832	2	0.50	1	0.478	4278.02

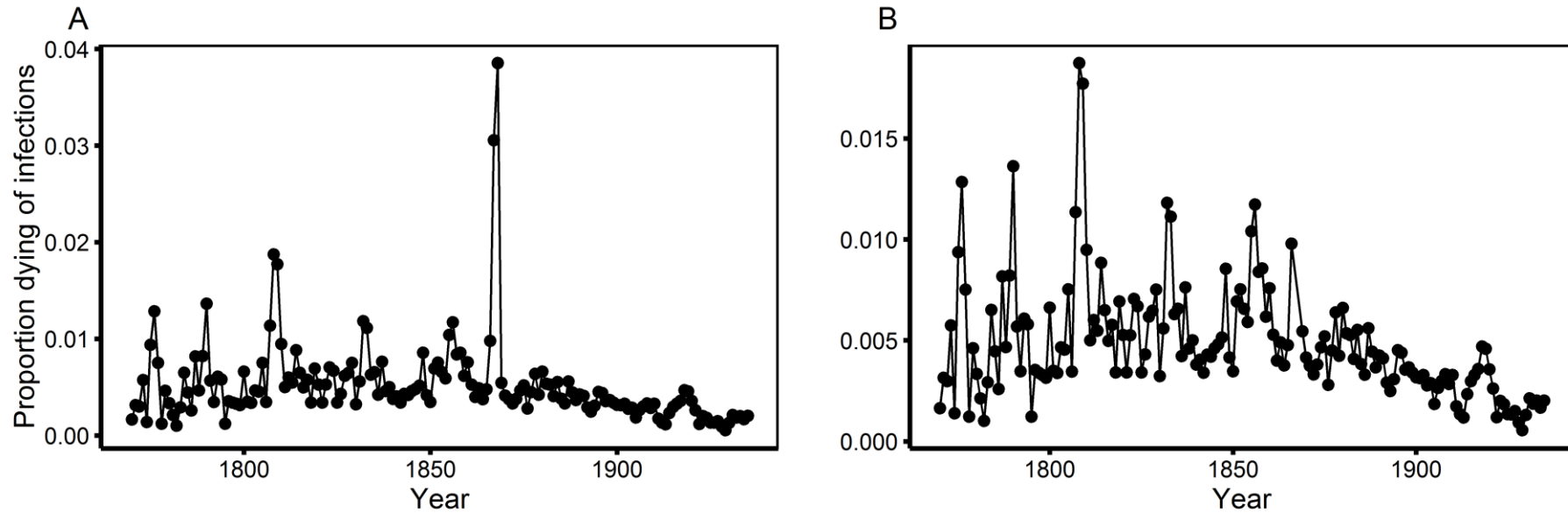


Child survival rate was analysed using a binomial error structure, with the response variable coded as (surviving children, dead children). The full structure of the base model and a description of subsequent models are given in the Materials and Methods section of the main text. For each model, the parameter estimate and standard error (SE) are given for the term in question and ‘Vs’ indicates which model the model in question was compared against using a likelihood ratio test.

## SUPPORTING FIGURES



**Figure S1:** The distribution of birth years among our 7,283 focal individuals.



**Figure S2:** The proportion of adult-years (aged >15) ending in death from infectious disease across all parishes, 1770-1935. These years are shown since these are the years in which all but ten of our focal individuals, born 1751-1850, died in and contain 922,147 person years representing 35,011 individuals. For each year, we divided the number of adult deaths from an infectious disease by the total number of adults alive across all our parishes in that year. (A) The proportion of adults alive who died from an infectious disease declined from as high as 1% during the late 18<sup>th</sup> and early 19<sup>th</sup> century to <0.25% in the early 20<sup>th</sup> century. The high levels of mortality from infectious diseases in 1867 and 1868 were due to an infamously severe famine. (B) The data are the same as in (A), but with data for 1867 and 1868 excluded, allowing the decline in infectious disease mortality, particularly at the end of the 19<sup>th</sup> century, to be seen more clearly.