

Supplementary Table S1 Distribution of childhood mortality cause of death.

	Sibs		Aunt/uncle	
	N	% of total	N	% of total
Blood/blood-forming organs	*	*	*	*
Bones/organs of movement	*	*	*	*
Cancer	72	0.09	177	0.11
Cardiovascular	19	0.02	71	0.05
Congenital malformations	153	0.19	150	0.10
Diabetes and endocrine	*	*	29	0.02
Digestive (chronic liver/cirrhosis)	*	*	49	0.03
Early infancy	27	0.03	55	0.04
External causes	352	0.45	805	0.52
Genito-urinary (renal)	*	*	27	0.02
Infectious	22	0.03	128	0.08
Mental/psychoneurotic	*	*	*	*
Nervous system (Parkinson/Alzheimer's disease)	52	0.07	77	0.05
Pregnancy/child-birth/puerperium	*	*	*	*
Respiratory (pneomonia)	54	0.07	152	0.10
Skin/subcutaneous tissue	*	*	*	*
Symptoms/senility/ill-defined	73	0.09	126	0.08
Unknown COD/deceased outside Utah	120	0.15	3007	1.94%

*Disease categories with 15 or fewer observations had exact numbers hidden to prevent identification of individuals.