

**Appendix 1** shows the probability weights used in our analyses for adjusting non-response with regard to age, sex and education. Logistic regression was used to estimate the probability of participation in HUNT4 70+ in Nord-Trøndelag and HUNT4 Trondheim 70+, respectively. The data on age, sex and education are taken from Statistics Norway's National Education Database. Each participant was given a weight equal to the inverse expected probability of participation. We present the weights from the two studies separately and combined.

		Weights Nord-Trøndelag		Weights Trondheim		Weights combined for Nord-Trøndelag and Trondheim	
Education	Age	Men	Women	Men	Women	Men	Women
Primary/lower secondary school	70-74	2.52	2.36	4.67	4.06	2.71	2.55
	75-79	2.48	2.32	5.98	5.14	2.73	2.57
	80-84	2.73	2.54	5.40	4.67	2.90	2.72
	85-89	2.89	2.69	5.18	4.48	3.06	2.87
	90+	2.64	2.46	4.63	4.02	2.80	2.63
Upper secondary school	70-74	1.84	1.75	3.23	2.85	2.01	1.92
	75-79	1.82	1.73	4.02	3.51	2.03	1.93
	80-84	1.96	1.86	3.67	3.22	2.13	2.02
	85-89	2.05	1.94	3.54	3.11	2.23	2.11
	90+	1.91	1.81	3.20	2.83	2.07	1.97
University/university college	70-74	1.51	1.46	2.13	1.94	1.67	1.61
	75-79	1.50	1.44	2.53	2.28	1.68	1.61
	80-84	1.58	1.52	2.36	2.13	1.74	1.67
	85-89	1.63	1.57	2.29	2.07	1.81	1.73
	90+	1.55	1.49	2.12	1.93	1.70	1.64