

Age group	Study	Total cholesterol (Log ₁₀ mmol/L)						LDL cholesterol (Log ₁₀ mmol/L)					
		Cases			Controls			Cases			Controls		
		N	mean	sd	N	mean	sd	N	mean	sd	N	mean	sd
newborn	Vuorio ¹	13	0.4215	0.1011	10	0.1830	0.0630	13	0.2526	0.1247	10	-0.1160	0.0890
	Kwiterovich	16	0.4078	0.0648	36	0.2772	0.0641	12	0.1909	0.1104	36	-0.1038	0.0832
	Combined	29	0.4139	0.0829	46	0.2567	0.0639	25	0.2230	0.1181	46	-0.1065	0.0844
1-9	Vuorio	18	0.9190	0.0608	16	0.6386	0.0648	18	0.8414	0.0658	16	0.4492	0.1008
	Ohta	91	0.8583	0.0727	65	0.6319	0.0441	91	0.7347	0.0952	65	0.4208	0.0609
	Vuorio	47	0.9234	0.0959	40	0.6584	0.0360	47	0.8291	0.1132	40	0.4574	0.0750
	West	35	0.9588	0.0657	100 ²	0.6077	0.0695	-	-	-	-	-	-
	Assouline	62	0.8728	0.0694	41	0.5832	0.0691	62	0.7719	0.0877	41	0.3416	0.1164
	Combined	253	0.8922	0.0752	262	0.6195	0.0594	218	0.7744	0.0954	162	0.4126	0.0854
10-19	Wiegman	742	0.8502	0.0965	189	0.6280	0.0690	742	0.7321	0.1237	189	0.3913	0.1150
	Vuorio	44	0.9120	0.0870	31	0.6312	0.0648	44	0.8120	0.0998	31	0.3928	0.1028
	Kwiterovich	105	0.8784	0.0906	81	0.6486	0.0823	-	-	-	-	-	-
	Ketomaki	18	0.8658	0.0807	29	0.6204	0.0500	18	0.7273	0.0965	29	0.3298	0.1048
	Tonstad	63	0.9280	0.0752	30	0.6563	0.0750	-	-	-	-	-	-
	Combined	972	0.8614	0.0940	360	0.6347	0.0711	804	0.7364	0.1220	249	0.3843	0.1125
20-39	Vuorio	127	0.9686	0.0918	40	0.6893	0.0645	126	0.8775	0.1093	40	0.4776	0.1136
	Simon Broome Register	214	0.9292	0.1074	100 ²	0.7170	0.0820	214	0.8347	0.1277	100 ²	0.5910	0.1110
	Combined	341	0.9439	0.1019	140	0.7091	0.0775	340	0.8506	0.1212	140	0.5586	0.1117
40-59	Simon Broome Register	237	0.9383	0.1162	100 ²	0.7880	0.0810	237	0.8285	0.1533	100 ²	0.6830	0.1070
60+	Simon Broome Register	75	0.9252	0.1183	100 ²	0.8210	0.0740	75	0.7791	0.1484	100 ²	0.7230	0.0990

¹One outlying case with total cholesterol 1.21 mmol/L and LDL cholesterol 0.72 mmol/L not included

²Number of controls capped at 100

Age group	Total and LDL cholesterol concentration (mmol/L)						Total and LDL cholesterol concentration (Multiples of the Median (MoM) in controls)					
	Cases			Controls			Cases			Controls		
	median	median (Log ₁₀) ¹	SD (Log ₁₀)	median	median (Log ₁₀) ¹	SD (Log ₁₀)	median	median (Log ₁₀)	SD (Log ₁₀)	median	median (Log ₁₀)	SD (Log ₁₀)
<u>Total cholesterol</u>												
newborn	2.5936	0.4139	0.0829	1.8059	0.2567	0.0639	1.44	0.1572	0.0829	1	0	0.0639
1-9	7.8019	0.8922	0.0752	4.1639	0.6195	0.0594	1.87	0.2727	0.0752	1	0	0.0594
10-19	7.2678	0.8614	0.0940	4.3122	0.6347	0.0711	1.69	0.2267	0.0940	1	0	0.0711
20-39	8.7882	0.9439	0.1019	5.1180	0.7091	0.0775	1.72	0.2348	0.1019	1	0	0.0775
40-59	8.6756	0.9383	0.1162	6.1376	0.788	0.0810	1.41	0.1503	0.1162	1	0	0.0810
60+	8.4178	0.9252	0.1183	6.6222	0.821	0.0740	1.27	0.1042	0.1183	1	0	0.0740
<u>LDL cholesterol</u>												
newborn	1.6711	0.2230	0.1181	1.2779	0.1065	0.0844	2.14	0.3295	0.1181	1	0	0.0844
1-9	5.9484	0.7744	0.0954	2.5858	0.4126	0.0854	2.30	0.3618	0.0954	1	0	0.0854
10-19	5.4500	0.7364	0.1220	2.4227	0.3843	0.1125	2.25	0.3521	0.1220	1	0	0.1125
20-39	7.0892	0.8506	0.1212	3.6191	0.5586	0.1117	1.96	0.2920	0.1212	1	0	0.1117
40-59	6.7375	0.8285	0.1533	4.8195	0.6830	0.1070	1.40	0.1455	0.1533	1	0	0.1070
60+	6.0131	0.7791	0.1484	5.2845	0.7230	0.0990	1.14	0.0561	0.1484	1	0	0.0990

¹The median Log₁₀ cholesterol concentration is directly estimated from the mean Log₁₀ cholesterol concentration in Web table 2, which anti-logged gives the median values shown in this table