



Appendix 8.2. Percentiles for fasting plasma concentrations of TC, LDL, HDL, non-HDL, and TG for boys

Blood lipid	Percentile	Age (Years)																	
		6	7	8	9	10	11	12	13	14	15	16	17	18	19				
TC (mmol/L)	2.5 th	2.6	2.7	2.7	2.7	2.8	2.8	2.7	2.6	2.5	2.4	2.4	2.4	2.4	2.5				
	5 th	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.8	2.6	2.6	2.5	2.5	2.6	2.6				
	10 th	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.0	2.8	2.8	2.7	2.7	2.7	2.8				
	50 th	3.7	3.8	3.8	3.9	3.9	3.9	3.9	3.7	3.5	3.4	3.4	3.4	3.4	3.5				
	90 th	4.6	4.6	4.7	4.8	4.8	4.8	4.8	4.6	4.3	4.2	4.2	4.2	4.2	4.3				
	95 th	4.9	4.9	5.0	5.1	5.1	5.1	5.1	4.9	4.6	4.5	4.5	4.4	4.5	4.6				
	97.5 th	5.2	5.2	5.3	5.3	5.4	5.4	5.4	5.1	4.9	4.8	4.7	4.7	4.7	4.8				
LDL (mmol/L)	2.5 th	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0				
	5 th	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.1	1.1				
	10 th	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2				
	50 th	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8				
	90 th	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.5	2.5	2.5	2.5	2.6				
	95 th	3.0	3.0	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.7	2.7	2.7	2.7	2.8				
	97.5 th	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.2	3.0	3.0	3.0	3.0	3.0	3.1				
HDL (mmol/L)	2.5 th	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8				
	5 th	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.9				
	10 th	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9				
	50 th	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.2				
	90 th	2.0	2.0	2.0	2.1	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.6	1.6				
	95 th	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.9	1.8	1.8	1.7	1.7	1.8				
	97.5 th	2.3	2.3	2.3	2.4	2.4	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.9				
Non-HDL (mmol/L)	2.5 th	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3				
	5 th	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4				
	10 th	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6				



Blood lipid	Percentile	Age (Years)																	
		6	7	8	9	10	11	12	13	14	15	16	17	18	19				
	50 th	2.2	2.3	2.3	2.3	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2				
	90 th	3.0	3.1	3.1	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0				
	95 th	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.3	3.3				
	97.5 th	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5				
TG (mmol/L)	2.5 th	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3				
	5 th	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4				
	10 th	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4				
	50 th	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7				
	90 th	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2				
	95 th	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.4				
	97.5 th	1.1	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7				

Legend. HDL: High Density Lipoprotein; L: Litre; LDL: Low Density Lipoprotein; non-HDL: non-High Density Lipoprotein; TC: Total Cholesterol; and TG: Triglycerides.



Appendix 8.3. Percentiles for fasting plasma concentrations of TC, LDL, HDL, non-HDL, and TG for girls

Blood lipid	Percentile	Age (Years)																
		6	7	8	9	10	11	12	13	14	15	16	17	18	19			
TC (mmol/L)	2.5 th	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8		
	5 th	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.9	2.9	2.9	2.9	2.9		
	10 th	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.1	3.1	3.1	3.1		
	50 th	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.8	3.8	3.8	3.8	3.9		
	90 th	5.0	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.6	4.6	4.7	4.7	4.7	4.7	4.8		
	95 th	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.0	4.9	4.9	5.0	5.0	5.1	5.1	5.1		
LDL (mmol/L)	97.5 th	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.2	5.2	5.3	5.3	5.3	5.4	5.4		
	2.5 th	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1		
	5 th	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2		
	10 th	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4		
	50 th	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.1		
	90 th	3.1	3.1	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.9		
HDL (mmol/L)	95 th	3.4	3.4	3.4	3.3	3.3	3.2	3.1	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2		
	97.5 th	3.8	3.7	3.7	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5		
	2.5 th	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9		
	5 th	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
	10 th	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
	50 th	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4		
Non-HDL (mmol/L)	90 th	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8		
	95 th	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		
	97.5 th	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1		
	2.5 th	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4		
	5 th	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6		
	10 th	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8		



Blood lipid	Percentile	Age (Years)																	
		6	7	8	9	10	11	12	13	14	15	16	17	18	19				
	50 th	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5				
	90 th	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.3	3.3	3.4	3.4				
	95 th	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.6	3.6	3.7	3.8				
	97.5 th	4.1	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8	3.9	4.0	4.0	4.1				
TG (mmol/L)	2.5 th	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3				
	5 th	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4				
	10 th	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5				
	50 th	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8				
	90 th	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3				
	95 th	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6				
	97.5 th	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8	1.8				

Legend. HDL: High Density Lipoprotein; L: Litre; LDL: Low Density Lipoprotein; non-HDL: non-High Density Lipoprotein; TC: Total Cholesterol; and TG: Triglycerides.