

**SIERRA LEONE**

Admin. level	Months	Year	Area	Sex	Age group	Sample size	Percentage below / above median													Notes	Ref	
							Weight/age		Height/age		Weight/height					BMI / age						
							-3SD	-2SD	-3SD	-2SD	-3SD	-2SD	+1SD	+2SD	+3SD	-3SD	-2SD	+1SD	+2SD			+3SD
National		1974-75			0. -4.99	1960		25.0		40.3		19.7		12.4							Converted estimates	00007
National	NOV-MAR	1977-78			0. -4.99	4890		20.4		48.7		6.1									Converted estimates	00013
National	OCT	1989			0. -4.99	4424		23.7		41.4		8.4									Converted estimates; rain	00583
National	MAY	1990			0. -4.99	4595		25.4		40.9		10.2									Converted estimates; dry	02367
National	MAR-MAY	2000			0. -5.00	2376	9.7	24.7	20.1	38.4	3.9	11.6	15.7	4.7	1.9	3.9	10.4	19.5	6.5	2.4		
					0. -5.00	507	14.9	30.5	24.0	42.2	4.1	11.8	12.8	2.9	0.9	4.5	12.1	17.0	5.1	2.2	East	
					0. -5.00	1062	9.0	25.6	19.9	40.5	3.6	11.5	14.5	4.0	1.6	3.6	10.1	18.0	5.0	1.5	North	
					0. -5.00	335	10.8	22.6	29.8	46.5	4.2	12.3	27.0	12.5	4.8	3.2	9.3	32.3	16.2	7.3	South	
					0. -5.00	471	5.0	17.8	10.1	24.3	4.4	11.0	14.4	3.3	1.6	4.4	10.1	17.1	4.9	1.4	West	
					0. -0.49	173	6.3	16.8	12.4	19.6	7.1	18.3	18.8	10.6	5.0	8.4	18.7	22.1	10.6	5.7		
					0.50-0.99	230	10.9	28.2	12.1	19.9	6.3	23.3	12.3	4.5	2.1	7.1	26.9	11.0	3.7	1.0		
					1. -1.99	485	11.9	27.7	16.5	35.0	4.1	15.7	12.4	2.9	0.7	4.6	13.9	15.5	4.9	1.1		
					2. -2.99	504	9.5	24.2	22.5	43.8	4.2	11.1	16.8	3.6	1.5	3.3	7.6	21.4	7.1	1.8		
					3. -3.99	557	7.9	23.7	24.7	47.0	2.7	6.7	20.7	6.9	2.6	2.7	5.4	26.5	9.0	4.1		
					4. -5.00	427	10.6	24.5	22.6	41.3	2.4	5.1	12.1	3.2	1.3	1.9	4.3	16.0	4.0	1.5		
			URBAN		0. -5.00	620	7.0	19.4	13.7	31.9	4.5	11.7	15.4	5.3	1.5	4.2	11.2	17.2	6.9	2.4		
			RURAL		0. -5.00	1755	10.7	26.6	22.4	40.6	3.7	11.5	15.8	4.5	2.0	3.8	10.1	20.3	6.3	2.4		
				M	0. -5.00	1199	11.2	28.2	23.5	41.6	4.7	12.6	15.1	5.4	1.9	4.1	11.1	19.8	6.8	2.7		
				M	0. -0.49	95	5.2	17.7	14.0	25.1	7.3	16.0	16.6	12.7	5.1	9.8	18.9	19.9	9.4	5.3		
				M	0.50-0.99	125	13.6	35.2	15.8	22.7	9.3	26.3	9.5	2.9	0.0	8.2	30.1	7.0	2.4	1.0		
				M	1. -1.99	233	14.7	36.1	20.8	39.3	6.2	19.8	8.2	3.0	0.9	5.6	17.5	12.1	4.5	1.3		
				M	2. -2.99	272	12.6	30.0	28.1	50.8	4.4	12.7	14.9	3.4	1.1	2.7	7.2	20.8	5.8	1.1		
				M	3. -3.99	275	10.2	25.2	28.3	48.5	3.2	6.2	23.7	9.6	3.8	2.7	4.3	30.4	12.0	6.2		
				M	4. -5.00	200	8.2	21.2	22.6	41.3	1.6	3.3	14.3	3.1	1.1	1.0	2.7	20.4	4.9	1.1		
				F	0. -5.00	1176	8.2	21.1	16.8	35.1	3.1	10.5	16.3	4.1	1.8	3.7	9.8	19.1	6.1	2.1		
				F	0. -0.49	79	7.6	15.9	10.4	12.8	6.9	20.8	21.3	8.2	4.7	6.7	18.5	24.7	12.1	6.1		
				F	0.50-0.99	105	7.6	20.0	8.0	17.0	2.9	19.9	15.5	6.2	4.5	5.7	23.3	15.5	5.3	0.9		
				F	1. -1.99	251	9.4	20.0	12.7	31.1	2.2	11.8	16.3	2.8	0.5	3.8	10.5	18.6	5.3	0.9		
				F	2. -2.99	232	5.9	17.3	16.1	35.9	4.0	9.3	19.0	3.9	1.9	4.1	8.0	22.1	8.4	2.6		
				F	3. -3.99	282	5.7	22.1	21.3	45.7	2.3	7.3	17.8	4.2	1.5	2.7	6.6	22.7	6.1	2.2		

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							Weight/age		Height/age		Weight/height					BMI / age							
							-3SD	-2SD	-3SD	-2SD	-3SD	-2SD	+1SD	+2SD	+3SD	-3SD	-2SD	+1SD	+2SD	+3SD			
National	MAR-MAY	2000		F	4. -5.00	227	12.7	27.4	22.6	41.2	3.1	6.6	10.3	3.2	1.4	2.7	5.6	12.1	3.2	1.9		02367	
National	OCT-NOV	2005		F	0. -5.00	5103	11.1	28.3	26.9	46.9	4.2	10.2	18.4	5.9	2.1	3.6	9.0	24.2	7.8	2.4	East North South West	02867	
					0. -5.00	1252	10.7	29.7	25.7	44.0	5.2	12.3	15.8	4.6	1.5	4.4	10.2	21.9	6.3	2.0			
					0. -5.00	1970	13.9	32.1	31.1	52.4	4.2	9.7	17.3	5.0	1.9	3.4	8.8	23.8	7.6	2.3			
					0. -5.00	1432	9.3	24.8	25.0	45.8	3.8	10.0	20.9	7.3	2.5	3.7	8.5	25.7	8.0	2.5			
					0. -5.00	449	6.1	19.2	18.1	35.0	2.9	6.7	22.9	9.2	3.3	2.7	7.6	27.8	11.6	3.7			
					0. -0.49	540	6.5	15.5	9.8	20.0	6.3	13.0	22.4	11.9	4.9	4.4	13.8	18.0	8.8	1.9			
					0.50-0.99	473	15.6	32.5	13.4	28.0	7.8	21.5	10.7	3.9	1.7	8.8	22.8	9.5	3.9	2.0			
					1. -1.99	1049	13.4	34.5	25.9	47.9	5.9	14.6	13.4	4.6	1.4	4.6	11.3	20.4	6.4	2.1			
					2. -2.99	1040	12.4	30.6	31.9	56.0	3.3	8.3	19.3	4.9	1.8	2.3	6.2	28.8	8.8	2.7			
					3. -3.99	1155	11.1	27.4	36.5	57.6	3.0	6.0	23.4	6.1	1.7	2.7	5.4	32.8	9.9	2.6			
					4. -5.00	845	7.3	25.0	27.1	47.7	1.7	4.8	18.3	5.7	2.3	2.0	3.7	23.7	6.8	2.8			
					URBAN	0. -5.00	1068	7.7	21.1	19.0	38.4	3.7	9.2	19.7	6.0	2.2	2.9	8.1	24.8	8.7			3.0
					RURAL	0. -5.00	4035	12.0	30.2	29.0	49.2	4.4	10.5	18.1	5.9	2.1	3.8	9.2	24.1	7.5			2.3
					M	0. -5.00	2539	12.3	30.7	29.0	49.0	4.5	11.7	18.9	6.3	2.3	4.3	10.6	25.7	8.6			2.6
					M	0. -0.49	266	8.6	19.8	12.2	24.0	6.7	15.4	24.9	13.5	6.1	5.4	18.4	19.9	11.0			2.2
					M	0.50-0.99	253	16.9	37.2	15.7	32.8	8.3	24.3	10.8	5.3	2.4	10.4	25.8	9.9	4.0			1.6
					M	1. -1.99	518	16.1	37.7	31.0	51.0	6.9	16.7	13.6	5.1	1.6	6.1	13.6	21.5	7.4			2.2
					M	2. -2.99	517	13.6	35.5	34.5	58.1	3.4	9.7	17.9	5.2	1.7	2.9	6.1	29.0	8.5			2.8
					M	3. -3.99	541	10.6	26.6	36.2	56.9	3.0	6.9	24.2	5.9	1.5	3.4	6.7	34.8	11.8			2.8
					M	4. -5.00	444	8.0	24.8	28.8	50.4	1.2	5.1	20.6	5.6	2.5	1.2	3.6	28.0	7.4			3.2
F	0. -5.00	2564	10.0	26.0	24.9	44.9	4.0	8.7	18.0	5.5	1.9	3.0	7.3	22.8	6.9	2.3							
F	0. -0.49	274	4.4	11.2	7.4	16.2	5.9	10.8	20.1	10.3	3.7	3.4	9.4	16.1	6.7	1.5							
F	0.50-0.99	220	14.1	27.1	10.8	22.6	7.2	18.3	10.5	2.3	1.0	6.9	19.3	9.0	3.7	2.4							
F	1. -1.99	531	10.8	31.4	21.0	44.8	5.0	12.6	13.3	4.2	1.2	3.2	9.0	19.4	5.4	1.9							
F	2. -2.99	524	11.2	25.8	29.4	54.0	3.2	7.0	20.6	4.5	1.8	1.8	6.2	28.7	9.1	2.7							
F	3. -3.99	614	11.5	28.1	36.7	58.2	3.0	5.2	22.8	6.3	1.9	2.2	4.1	31.0	8.2	2.4							
F	4. -5.00	401	6.6	25.4	25.3	44.7	2.3	4.4	15.7	5.7	2.1	2.9	3.8	18.8	6.1	2.3							
National	APR-JUN	2008		F	0. -5.00	3101	8.0	21.3	21.9	37.4	4.7	10.5	21.1	10.1	4.7	4.9	9.9	23.7	11.4	5.2	Eastern	02971	
					0. -5.00	592	7.7	18.3	18.9	36.1	4.0	9.7	28.8	13.7	7.6	4.8	9.4	31.8	15.0	7.9			

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							Weight/age		Height/age		Weight/height					BMI / age							
							-3SD	-2SD	-3SD	-2SD	-3SD	-2SD	+1SD	+2SD	+3SD	-3SD	-2SD	+1SD	+2SD	+3SD			
National	APR-JUN	2008			0. -5.00	1442	8.2	23.8	23.4	40.1	3.7	8.8	16.6	6.9	3.2	4.2	8.4	19.3	8.4	3.4	Northern Southern Western	02971	
					0. -5.00	634	9.7	23.6	26.1	39.8	8.0	15.9	23.9	13.5	6.7	6.9	14.5	26.0	14.7	7.6			
					0. -5.00	434	5.0	13.7	15.1	26.9	4.3	9.6	22.4	11.3	3.1	4.5	9.2	24.9	11.7	3.9			
					0. -0.49	320	4.1	12.7	10.8	18.5	5.2	15.5	25.5	11.9	6.1	6.8	15.7	26.0	14.3	8.8			
					0.50-0.99	334	7.8	19.3	14.3	23.2	7.8	13.7	21.9	13.3	7.9	8.4	15.0	20.8	10.9	7.1			
					1. -1.99	610	7.0	20.3	21.7	36.5	6.0	11.7	20.1	7.4	3.6	5.4	10.8	23.1	11.4	4.2			
					2. -2.99	530	7.2	20.3	25.8	47.2	3.0	9.3	23.0	12.4	5.5	3.7	8.5	28.1	12.5	5.5			
					3. -3.99	684	10.2	24.2	25.9	40.0	4.7	9.5	23.5	11.4	4.0	4.7	9.4	27.4	12.4	4.2			
					4. -5.00	622	9.3	25.5	23.4	43.0	2.9	7.5	15.4	6.9	3.6	2.7	5.5	17.0	8.0	4.1			
					URBAN	0. -5.00	855	7.4	16.0	15.1	30.6	5.7	11.5	23.9	12.5	5.0	5.5	11.0	25.1	13.8			5.6
					RURAL	0. -5.00	2245	8.2	23.3	24.5	40.0	4.3	10.1	20.1	9.2	4.6	4.6	9.5	23.2	10.4			5.0
					M	0. -5.00	1514	9.6	24.2	23.6	39.5	5.2	10.4	19.9	10.3	4.9	5.2	10.0	23.0	11.4			5.6
					M	0. -0.49	149	4.8	14.8	16.4	23.5	6.7	12.8	27.1	12.0	7.2	9.4	16.1	26.3	12.1			9.8
					M	0.50-0.99	170	10.8	21.4	17.2	22.7	10.4	14.3	20.4	15.7	8.5	10.6	13.7	21.0	12.7			8.5
					M	1. -1.99	293	11.6	25.5	26.7	39.6	6.9	13.7	15.6	6.6	3.5	4.7	12.3	20.1	10.9			4.7
					M	2. -2.99	269	8.7	25.5	28.3	50.5	3.4	10.5	21.8	12.2	4.8	3.9	9.6	26.5	12.2			5.0
					M	3. -3.99	328	10.1	25.4	24.1	43.5	4.5	8.1	23.1	12.6	4.7	4.4	9.1	28.0	13.5			5.1
					M	4. -5.00	305	9.5	26.8	22.8	41.6	2.4	6.3	15.4	5.9	3.5	2.5	4.4	17.3	7.7			4.1
					F	0. -5.00	1586	6.5	18.5	20.2	35.4	4.2	10.6	22.3	9.9	4.5	4.6	9.9	24.4	11.3			4.7
					F	0. -0.49	171	3.5	10.8	6.1	14.4	4.1	17.6	24.2	11.8	5.2	4.8	15.3	25.7	16.0			8.1
					F	0.50-0.99	164	4.6	17.2	11.1	23.7	5.1	13.1	23.4	10.8	7.2	6.1	16.3	20.6	9.0			5.6
					F	1. -1.99	317	2.7	15.6	17.0	33.7	5.2	9.8	24.3	8.2	3.7	6.0	9.4	25.9	11.9			3.7
					F	2. -2.99	261	5.7	14.9	23.2	44.0	2.5	8.1	24.2	12.6	6.2	3.5	7.4	29.8	12.7			5.9
					F	3. -3.99	356	10.4	23.0	27.6	36.9	4.9	10.7	23.9	10.3	3.3	5.0	9.6	26.9	11.4			3.3
F	4. -5.00	317	9.0	24.2	24.0	44.4	3.4	8.7	15.4	7.8	3.6	2.8	6.5	16.7	8.3	4.1							