

CHAD

Administrative 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	DEC-JUL	1996-97			0. -5.00	6048	14.8	34.3	24.9	45.0	6.1	16.4	10.0	2.7	0.8	4.8	13.9	13.4	3.3	0.8	N'Djaména	01837		
					0. -0.49	857	5.6	15.0	5.8	13.7	7.8	19.3	12.4	5.1	1.0	7.3	18.7	9.5	2.3	0.6				
					0.50-0.99	674	15.0	32.0	8.6	21.6	12.7	30.3	5.3	1.9	0.3	12.5	31.8	4.5	1.3	0.1				
					1. -1.99	1186	16.5	38.9	23.7	49.8	8.6	21.8	5.7	1.5	0.8	5.6	17.6	9.9	2.8	1.0				
					2. -2.99	1125	23.3	46.2	40.4	62.4	6.1	15.8	10.4	1.4	0.6	4.2	10.1	17.9	3.5	0.7				
					3. -3.99	1200	15.6	36.0	35.5	57.9	2.1	8.4	14.2	3.8	1.3	1.4	6.3	21.1	5.5	1.6				
					4. -5.00	1006	9.8	31.7	24.3	47.4	1.9	8.8	10.7	2.9	0.8	1.3	6.6	12.6	3.1	0.7				
					URBAN	0. -5.00	1293	11.5	28.9	20.0	37.7	5.2	15.3	10.5	2.5	0.8	4.4	13.3	13.3	3.2			0.8	
					URBAN	0. -5.00	507	8.8	24.8	19.1	35.2	3.9	11.9	11.2	2.8	0.9	3.0	10.2	15.0	3.9			0.8	
					RURAL	0. -5.00	4754	15.7	35.8	26.3	46.9	6.3	16.7	9.9	2.8	0.8	4.9	14.0	13.4	3.3			0.9	
					M	0. -5.00	3026	15.3	35.9	26.1	47.0	6.8	17.8	10.5	3.1	0.9	5.4	14.8	14.6	3.9			0.8	
					M	0. -0.49	401	5.7	14.9	7.0	15.3	9.3	17.8	13.2	5.5	0.7	8.6	18.6	9.4	2.1			0.5	
					M	0.50-0.99	356	16.7	34.5	10.3	23.5	12.6	31.9	6.3	2.0	0.5	12.6	33.3	5.6	1.7			0.2	
					M	1. -1.99	579	17.6	41.0	26.8	53.1	8.9	23.9	6.6	2.1	0.9	5.6	19.6	12.1	3.8			1.3	
					M	2. -2.99	582	24.5	48.7	41.3	63.5	7.4	17.6	9.5	1.2	0.5	5.6	11.4	17.3	3.7			0.4	
					M	3. -3.99	576	14.6	36.2	35.4	59.0	2.7	9.5	15.8	4.3	1.2	1.8	6.4	23.9	6.4			1.2	
					M	4. -5.00	532	9.7	32.9	24.7	50.0	2.7	11.2	10.9	3.9	1.1	1.9	7.5	14.4	4.1			1.0	
					F	0. -5.00	3021	14.3	32.8	23.7	42.9	5.3	15.1	9.5	2.4	0.8	4.2	12.9	12.1	2.7			0.9	
					F	0. -0.49	456	5.4	15.1	4.7	12.4	6.4	20.7	11.8	4.8	1.3	6.2	18.8	9.6	2.4			0.7	
					F	0.50-0.99	318	13.2	29.3	6.6	19.6	12.7	28.6	4.3	1.8	0.0	12.4	30.1	3.2	1.0			0.0	
F	1. -1.99	607	15.4	36.9	20.7	46.7	8.4	19.8	4.8	1.0	0.7	5.6	15.8	7.9	1.9	0.7								
F	2. -2.99	543	22.1	43.5	39.6	61.2	4.7	13.8	11.3	1.7	0.6	2.8	8.7	18.6	3.3	1.1								
F	3. -3.99	624	16.6	35.8	35.6	56.9	1.4	7.4	12.7	3.3	1.3	0.9	6.2	18.5	4.6	1.9								
F	4. -5.00	474	10.0	30.4	23.9	44.4	0.9	6.1	10.5	1.8	0.4	0.7	5.6	10.5	1.9	0.4								
	MAY-SEP	2000			0. -5.00	5130	12.4	29.4	20.3	39.3	4.2	13.9	10.4	2.7	0.6	3.5	11.9	13.5	3.4	0.8	02359			
					0. -0.49	602	4.4	13.0	2.4	9.5	5.1	13.5	13.7	3.1	0.9	5.8	13.5	12.8	2.5	1.0				
					0.50-0.99	548	12.5	31.3	7.5	20.5	6.9	25.8	7.3	2.5	0.4	6.7	27.5	7.4	2.3	0.3				
					1. -1.99	857	19.6	40.4	24.0	47.5	8.9	22.2	4.4	1.7	0.6	5.9	18.0	9.2	2.3	0.6				
					2. -2.99	1061	17.3	36.5	29.3	52.7	3.9	12.6	11.2	2.3	0.5	3.3	9.3	16.9	3.6	1.2				
					3. -3.99	1062	10.9	27.4	27.1	47.5	1.2	7.9	14.5	3.3	0.8	1.0	5.6	18.8	5.5	1.1				

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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	MAY-SEP	2000	URBAN		4. -5.00	1000	7.6	23.2	18.3	37.5	1.5	8.4	10.2	3.3	0.4	1.3	6.8	11.6	3.2	0.4		02359	
					0. -5.00	1098	9.7	26.6	16.2	34.3	4.0	12.3	9.9	2.6	0.5	3.9	11.6	12.9	3.3	0.9			
					0. -5.00	4031	13.2	30.1	21.5	40.6	4.2	14.3	10.6	2.7	0.6	3.4	12.0	13.7	3.5	0.8			
					M	0. -5.00	2530	12.5	30.4	21.6	41.3	4.3	13.7	11.5	3.1	0.9	3.5	11.6	15.2	4.2			1.1
					M	0. -0.49	302	5.4	15.8	1.9	12.7	5.7	13.1	14.2	4.2	1.7	6.7	14.3	13.3	3.4			1.3
					M	0.50-0.99	278	12.3	30.3	9.2	22.6	6.0	23.3	9.6	3.5	0.7	5.5	24.8	9.5	2.9			0.6
			M	1. -1.99	440	21.6	44.3	27.0	50.6	10.5	23.9	5.3	1.4	0.6	6.7	20.0	9.0	2.2	0.5				
			M	2. -2.99	539	15.0	37.6	31.5	55.5	2.8	10.6	12.6	2.2	0.9	2.2	7.5	19.5	3.6	1.6				
			M	3. -3.99	501	11.5	26.6	29.4	50.3	1.1	8.1	16.7	3.8	0.7	1.0	4.6	23.3	7.7	1.6				
			M	4. -5.00	470	6.7	22.8	16.8	36.5	1.9	8.6	10.0	3.9	0.8	1.5	6.4	11.9	4.5	0.8				
			F	0. -5.00	2599	12.4	28.3	19.1	37.3	4.0	14.1	9.4	2.3	0.3	3.6	12.2	11.9	2.7	0.5				
			F	0. -0.49	299	3.3	10.2	2.9	6.3	4.5	13.9	13.2	2.1	0.1	5.0	12.6	12.3	1.6	0.7				
			F	0.50-0.99	270	12.7	32.2	5.6	18.4	7.9	28.3	5.0	1.5	0.0	8.0	30.3	5.2	1.6	0.0				
			F	1. -1.99	416	17.5	36.3	20.9	44.3	7.1	20.5	3.6	2.0	0.6	5.0	16.0	9.5	2.5	0.6				
			F	2. -2.99	523	19.7	35.3	27.0	49.8	5.1	14.6	9.7	2.4	0.1	4.4	11.3	14.2	3.5	0.8				
			F	3. -3.99	560	10.4	28.0	25.0	45.0	1.2	7.7	12.5	2.8	0.8	1.1	6.4	14.8	3.6	0.7				
			F	4. -5.00	530	8.3	23.7	19.6	38.3	1.2	8.2	10.4	2.7	0.0	1.2	7.0	11.4	2.1	0.1				
				JUL-DEC	2004			0. -5.00	4888	15.0	33.9	26.9	44.8	6.6	16.1	12.7	4.4	1.3	5.9	14.1			16.4
0. -5.00	356	10.2						24.8	15.8	30.2	8.4	18.5	12.6	4.6	1.8	8.2	18.0	15.7	5.5	2.1	Zone 1		
0. -5.00	599	34.0						56.1	42.8	59.9	11.6	24.1	7.2	2.8	1.0	9.8	20.7	10.3	2.6	0.6	Zone 2		
0. -5.00	574	20.0						40.0	31.4	48.3	8.3	20.4	8.0	3.4	1.5	7.6	17.8	11.2	3.5	2.5	Zone 3		
0. -5.00	392	18.8						45.2	32.9	54.2	4.3	15.1	11.2	5.1	2.0	4.4	13.3	16.7	7.7	2.1	Zone 4		
0. -5.00	595	16.2						38.4	26.2	47.0	5.9	15.6	6.3	1.8	0.3	5.5	14.3	9.0	1.6	0.7	Zone 5		
0. -5.00	524	10.4						27.4	21.7	43.1	7.6	16.1	12.7	3.6	1.1	6.4	14.8	17.7	4.5	1.2	Zone 6		
0. -5.00	1163	8.1						24.5	26.0	42.0	3.7	10.9	20.3	7.8	1.6	3.4	8.6	24.3	9.4	1.9	Zone 7		
0. -5.00	685	9.0						24.9	17.5	35.2	5.6	13.8	15.0	3.5	1.0	4.7	12.0	18.7	4.5	1.2	Zone 8		
0. -0.49	660	3.5						12.5	4.0	8.8	8.3	20.8	11.2	4.7	1.4	7.9	19.2	12.0	4.6	2.1			
0.50-0.99	521	11.4						27.8	9.6	19.9	10.7	27.1	12.6	4.7	1.1	11.4	29.2	11.6	4.6	0.8			
1. -1.99	905	22.1						42.1	28.7	50.4	10.1	23.2	8.9	3.2	1.5	7.5	18.3	12.6	4.0	1.1			
2. -2.99	939	20.8	43.1	40.9	62.6	5.3	14.8	12.4	4.5	1.0	4.3	11.0	20.3	7.1	1.6								

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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	JUL-DEC	2004	URBAN RURAL		3. -3.99	865	16.0	37.6	36.4	57.5	4.3	9.4	17.0	6.3	1.5	3.8	8.1	22.6	7.4	2.1		02760	
					4. -5.00	998	12.0	32.1	28.0	49.0	3.2	7.7	13.7	3.6	1.0	3.3	7.0	16.4	3.7	1.1			
					0. -5.00	934	10.2	26.6	19.5	36.1	6.7	16.1	13.6	5.2	1.7	6.3	15.8	16.9	6.1	2.4			
					0. -5.00	3955	16.2	35.7	28.6	46.9	6.6	16.1	12.5	4.3	1.2	5.8	13.7	16.3	5.1	1.3			
					M 0. -5.00	2461	15.6	35.0	28.2	45.3	6.9	17.1	13.8	4.5	1.2	6.2	14.8	17.5	5.3	1.6			
					M 0. -0.49	334	4.7	15.6	4.5	11.6	8.2	21.7	12.2	4.7	1.6	7.9	21.7	12.1	4.4	2.6			
					M 0.50-0.99	268	14.3	27.9	13.0	25.1	10.1	26.0	16.8	4.9	1.4	11.4	28.4	15.4	4.5	1.4			
					M 1. -1.99	429	25.6	48.1	33.5	55.2	13.5	26.5	8.5	2.8	1.6	11.1	20.2	12.8	3.9	1.3			
					M 2. -2.99	482	22.7	45.0	41.2	62.3	5.8	17.8	12.2	4.9	0.7	4.6	12.8	19.1	8.0	1.4			
					M 3. -3.99	456	13.6	34.0	36.4	54.7	3.3	8.2	19.1	7.0	1.1	2.6	7.2	24.6	7.4	2.2			
					M 4. -5.00	492	9.9	31.9	28.3	46.6	2.8	8.9	14.5	2.8	0.8	2.7	6.9	18.4	2.8	1.1			
					F 0. -5.00	2427	14.5	32.9	25.5	44.3	6.3	14.9	11.5	4.4	1.4	5.5	13.3	15.3	5.3	1.4			
					F 0. -0.49	326	2.3	9.3	3.5	5.7	8.4	19.9	10.1	4.7	1.2	7.9	16.6	11.9	4.8	1.5			
					F 0.50-0.99	254	8.2	27.7	5.8	14.3	11.5	28.2	8.0	4.6	0.8	11.5	30.1	7.5	4.6	0.1			
					F 1. -1.99	476	19.0	36.8	24.4	46.1	7.1	20.3	9.2	3.6	1.5	4.3	16.5	12.4	4.0	1.0			
					F 2. -2.99	457	18.7	41.2	40.5	62.8	4.8	11.7	12.5	4.1	1.4	4.0	9.1	21.6	6.2	1.8			
					F 3. -3.99	409	18.7	41.7	36.4	60.6	5.5	10.7	14.6	5.5	1.9	5.1	9.1	20.3	7.4	2.0			
F 4. -5.00	506	14.0	32.3	27.8	51.3	3.6	6.6	12.9	4.4	1.2	3.9	7.0	14.6	4.7	1.2								