

SUDAN

Country/Territory Administrative level	Dates of survey		Area	Sex	Age group (years)	Sample size	Percentage below/above median						Notes	Ref. No.			
	Months	Year					WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE					
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD		
Province	MAR	1983			0.	-4.99	3458	26.7	35.8		31.4	48.0	27.0	55.2	Famine data - Red Sea province	00253	
					0.	-0.99	514	12.3	19.6		15.0	39.7	12.5	37.0			
						1	629	39.3	47.7		44.7	62.6	39.4	67.7			
						2	749	38.2	46.1		42.2	53.7	38.9	65.4			
						3	786	24.5	35.6		30.2	45.5	24.5	55.2			
						4	780	16.9	27.1		22.3	38.6	17.7	47.4			
					M	0.	-4.99	1834	26.1	35.9		30.9	49.9	26.6			55.3
					M	0.	-0.49	101	6.9	16.8		7.9	37.6	5.0			27.8
					M	0.50-0.99	164	18.9	24.4		24.4	53.1	20.1	43.9			
					M	1	326	40.8	58.6		46.0	65.0	41.4	27.4			
					M	2	414	37.2	46.1		41.8	59.2	37.7	64.7			
					M	3	420	22.1	32.6		26.7	42.1	22.1	46.0			
					M	4	409	14.7	24.5		20.5	38.1	15.9	47.9			
					F	0.	-4.99	1624	27.3	35.1		31.9	47.7	27.4			55.2
					F	0.	-0.49	102	7.8	17.6		8.8	26.4	9.8			28.4
					F	0.50-0.99	147	11.6	17.7		13.6	21.8	10.9	41.5			
					F	1	303	37.6	42.2		43.2	60.1	37.3	62.7			
					F	2	335	39.7	45.1		42.7	56.1	40.3	66.3			
					F	3	366	27.3	36.3		34.2	49.5	27.3	60.1			
					F	4	371	19.4	30.0		24.2	39.1	19.7	47.4			
Regional	MAY-JUN	1986			0.	-4.99	24041	2.3	18.2					North Sudan - total	00268		
					0.	-4.99	1677	1.9	16.5					Blue Nile province			
					0.	-4.99	2765	1.7	16.9					Gezira province			
					0.	-4.99	2482	3.5	22.8					Kassala province			
					0.	-4.99	2982	2.3	16.4					Khartoum region			
					0.	-4.99	988	2.0	14.1					Nile province			
					0.	-4.99	2375	2.2	23.5					North Darfur province			
					0.	-4.99	2768	2.0	15.1					North Kordofan province			
					0.	-4.99	726	0.6	13.4					Northern province			
					0.	-4.99	875	2.1	15.0					Red Sea province			
					0.	-4.99	3146	3.3	19.9					South Darfur province			
					0.	-4.99	2047	1.6	16.3					South Kordofan province			

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	Months	Year					-3SD	-2SD	+2SD	-3SD	-2SD	-3SD		
Regional	MAY-JUN	1986			0. -4.99	1210	2.9	21.9					White Nile province	00268
Regional	OCT-NOV	1986			0. -4.99	23088	2.2	15.8					North Sudan - total	00268
					0. -4.99	1458	1.6	14.1					Blue Nile province	
					0. -4.99	2560	0.7	8.7					Gezira province	
					0. -4.99	2298	1.4	13.8					Kassala province	
					0. -4.99	2765	4.4	21.0					Khartoum region	
					0. -4.99	1029	2.9	18.4					Nile province	
					0. -4.99	2340	3.1	20.7					North Darfur province	
					0. -4.99	2352	0.9	11.3					North Kordofan province	
					0. -4.99	681	2.2	15.5					Northern province	
					0. -4.99	875	5.6	26.9					Red Sea province	
					0. -4.99	3453	2.5	20.5					South Darfur province	
					0. -4.99	1899	1.2	9.5					South Kordofan province	
					0. -4.99	1378	2.0	12.7					White Nile province	
Regional	JAN-MAR	1987			0. -4.99	15538	0.9	8.4					North Sudan - total	00268
					0. -4.99	1070	0.4	7.6					Blue Nile province	
					0. -4.99	1830	0.2	2.5					Gezira province	
					0. -4.99	1584	0.4	6.8					Kassala province	
					0. -4.99	1863	1.4	11.4					Khartoum region	
					0. -4.99	651	1.2	6.6					Nile province	
					0. -4.99	1690	0.7	11.2					North Darfur province	
					0. -4.99	1544	0.4	7.6					North Kordofan province	
					0. -4.99	434	1.6	6.7					Northern province	
					0. -4.99	611	2.3	5.9					Red Sea province	
					0. -4.99	1944	1.8	14.0					South Darfur province	
					0. -4.99	1324	0.5	7.6					South Kordofan province	
					0. -4.99	993	1.0	6.8					White Nile province	
Regional	MAY-JUL	1987			0. -4.99	15534	1.4	12.5					North Sudan - total	00268
					0. -4.99	1077	1.7	13.7					Blue Nile province	
					0. -4.99	1845	0.7	9.1					Gezira province	
					0. -4.99	1644	0.6	9.5					Kassala province	
					0. -4.99	1915	1.1	10.1					Khartoum region	

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	Months	Year					WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE			
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
Regional	MAY-JUL	1987			0. -4.99	632	2.8	14.9					Nile province	00268	
					0. -4.99	1756	1.7	16.2					North Darfur province		
					0. -4.99	1316	1.5	13.4					North Kordofan province		
					0. -4.99	421	3.1	16.9					Northern province		
					0. -4.99	600	1.5	9.0					Red Sea province		
					0. -4.99	1975	1.6	12.4					South Darfur province		
					0. -4.99	1326	1.8	15.5					South Kordofan province		
					0. -4.99	1027	1.2	14.2					White Nile province		
Local	APR-MAY	1988			0. -5.99	730		12.2				South Kordofan -ante civil war	01729		
Local	SEP-OCT	1988			1.00-4.99	5517	4.9	18.8				19 sites in Greater Khartoum	00633		
Local	OCT-NOV	1988			0. -4.99	4659	5.1	18.3				16 sites in Greater Khartoum	00634		
District	JUN-DEC	1988-90	RURAL		0.75-6.00	28753		6.0		37.4	6.0	5 councils in northern Sudan	00632		
Regional	FEB-MAR	1990			0. -4.99	2427	1.0	9.0					4 districts in North Kordofan	00446	
					0. -4.99	697	2.0	10.0					Bara district		
					0. -4.99	266	1.0	8.0					EnNuhood district		
					0. -4.99	1244	1.0	8.0					Soderi district		
					0. -4.99	220	2.0	15.0					UmRuwaba district		
					0. -0.49	240	0.0	1.0							
					0.50-0.99	316	0.0	4.0							
					1	607	1.9	13.5							
		2	665	1.6	10.6										
		3	373	0.7	7.2										
		4	226	0.5	12.5										
Local	JUL-AUG	1990			0. -4.99	8061	5.9	23.8				27 displaced settlements in	00448		
Local	SEP-OCT	1990			0. -4.99	8087	4.7	21.4				Greater Khartoum	00448		
Province	NOV	1990			0. -4.99	1516	8.8	31.0					Red Sea province	00445	
					0. -4.99	138	10.1	34.0					Durdaib district		
					0. -4.99	169	3.0	16.0					Halayib district		
					0. -4.99	87	31.0	70.1					Haya district		
					0. -4.99	120	1.7	20.0					Port Sudan rural		

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							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
Province	NOV	1990			0. -4.99	355	5.4	20.9					Port Sudan urban	00445	
					0. -4.99	184	8.2	30.5					Sinkat district		
					0. -4.99	256	10.9	40.2					Toker North district		
					0. -4.99	207	11.6	37.7					Toker South district		
			URBAN	0. -4.99	441	5.2	21.8								
			RURAL	0. -4.99	1075	10.3	34.8								
Local	NOV-DEC	1990			0. -4.99	8082	5.2	22.0				27 displaced settlements in Greater Khartoum	00448		
Province	DEC	1990			0. -4.99	1767	2.3	17.7					North Kordofan province	00447	
					0. -4.99	209	1.4	13.6					Bara district		
					0. -4.99	269	2.2	14.1					Elobeid district		
					0. -4.99	458	2.6	16.1					EnNuhood district		
					0. -4.99	473	2.5	21.3					Soderi district		
					0. -4.99	358	2.2	20.3					UmRawaba district		
			URBAN	0. -4.99	225	2.7	15.6								
			RURAL	0. -4.99	1542	2.3	18.1								
Local	JAN-MAR	1991			0. -4.99	8069	5.0	19.0				27 displaced settlements in	00448		
Local	MAR-MAY	1991			0. -4.99	8092	4.9	22.6				Greater Khartoum	00448		
Local	MAY-JUL	1991			0. -4.99	8079	5.8	26.2					00448		
Province	AUG-SEP	1991			0. -4.99	2834	9.3	30.0					Red Sea province	00635	
					0. -4.99	142	12.7	46.5					Dordeib district		
					0. -4.99	187	8.6	23.6					Halayib district		
					0. -4.99	300	12.0	37.3					Haya district		
					0. -4.99	185	8.1	28.6					Port Sudan rural		
					0. -4.99	1088	4.9	17.7					Port Sudan urban		
					0. -4.99	330	11.8	40.6					Sinkat district		
					0. -4.99	338	11.5	36.6					Toker North district		
					0. -4.99	264	18.2	47.7					Toker South district		
			URBAN	0. -4.99	1175	5.9	19.0								
			RURAL	0. -4.99	1659	11.9	38.4								
			Province	SEP-OCT	1991			0. -4.99	1181	4.6	18.7				

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							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD		
Province	SEP-OCT	1991			0. -4.99	241	4.6	19.5					El Gedarif province	00636			
					0. -4.99	120	3.3	19.1					El Gellabat province				
					0. -4.99	287	0.3	8.7					El Rahad province				
					0. -4.99	532	7.3	21.6					Kassala province				
					0. -4.99	273	4.4	22.7					Nehr Atbera province				
			URBAN	0. -4.99	752	4.0	18.4										
			RURAL	0. -4.99	701	5.3	19.1										
District	OCT	1991	RURAL		0. -4.99	1193	3.9	21.1				2 councils in North Dilling	00637				
			RURAL		0. -4.99	713	4.9	22.7				Debeibat council					
			RURAL		0. -4.99	480	2.3	18.5				Hamadi council					
Province	JAN	1992	RURAL		0. -4.99	1800	1.7	10.9				Butana province	00638				
			RURAL		0. -4.99	319	1.3	9.1				Abu Haraz council					
			RURAL		0. -4.99	285	2.1	12.6				Al Aiydaj council					
			RURAL		0. -4.99	445	1.1	9.0				El Sherif Yagoup council					
			RURAL		0. -4.99	388	1.2	10.3				Rufaa council					
			RURAL		0. -4.99	363	2.2	14.3				Tambool council					
Province	FEB-MAR	1992			0. -4.99	3282	3.4	15.1				Eastern State provinces	00639				
					0. -4.99	350	3.8	13.0				El Gedarif province					
					0. -4.99	286	5.2	17.4				El Gellabat province					
					0. -4.99	280	5.5	14.3				El Rahad province					
					0. -4.99	173	2.9	10.4				Halaib province					
					0. -4.99	542	2.6	15.7				Kassala province					
					0. -4.99	294	2.5	19.1				Near Atbera province					
					0. -4.99	652	1.5	6.7				Port Sudan province					
					0. -4.99	351	8.2	32.3				Sinkat province					
					0. -4.99	354	3.4	14.3				Toker province					
			Local			0. -4.99	8100	3.6	13.9					27 IDP camps Greater Khartoum	00640		
			Province	MAY-JUN	1992			0. -4.99	1688	2.7	18.6					White Nile provinces	00641
								0. -4.99	493	1.6	14.2					El Doweim province	
		0. -4.99				317	2.2	17.3				El Giteina province					
		0. -4.99				321	3.7	23.0				El Jebalein province					
		0. -4.99				557	3.4	20.6				Kosti province					

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							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
Local	MAY-JUN	1992			0. -4.99	8100	4.0	18.7					27 IDP camps Greater Khartoum	00640	
Local	JUL	1992	URBAN		0.50-4.99	902	3.5	18.0					El Fasher town	00642	
Local	JUL-AUG	1992			0. -4.99	8100	3.4	16.4					27 IDP camps Greater Khartoum	00640	
District	SEP-OCT	1992	RURAL		0. -4.99	782	4.9	17.8					2 councils in Soderi province	00643	
			RURAL		0. -4.99	462	4.8	15.6					Gebrat El Sheik council		
			RURAL		0. -4.99	320	5.0	20.9					Hamrat El Wiz council		
Province	OCT-NOV	1992			0. -4.99		5.3	20.4					Eastern State provinces	00644	
					0. -4.99		6.1	27.3					Aldelta North rural council		
					0. -4.99		6.5	26.1					Alfao rural council		
					0. -4.99		4.9	15.4					Algadarif rural council		
					0. -4.99		1.3	16.2					Algadarif urban council		
					0. -4.99		7.7	25.6					Alhawata rural council		
					0. -4.99		15.5	46.7					Alhidood rural council		
					0. -4.99		5.0	17.5					Almafaza rural council		
					0. -4.99		1.9	13.0					Alsabaat rural council		
					0. -4.99		0.0	12.8					Aroma rura council		
					0. -4.99		3.1	13.7					Doka rural council		
					0. -4.99		5.6	25.0					Dordeib rural council		
					0. -4.99		2.2	15.2					Halaieb rural council		
					0. -4.99		6.1	27.9					Halfa rural council		
					0. -4.99		2.2	17.4					Haya rural council		
					0. -4.99		2.5	9.7					Jabeit council		
					0. -4.99		1.5	21.9					Kassala rural council		
					0. -4.99		3.0	18.4					Kassala urban council		
					0. -4.99		2.4	12.2					Mohamed Gol rural council		
					0. -4.99		5.6	11.1					Port Sudan rural council		
		0. -4.99		3.4	14.2					Port Sudan urban council					
		0. -4.99		0.0	22.7					Sinkat rural council					
		0. -4.99		6.5	24.5					Toker North rural council					
		0. -4.99		12.8	35.4					Toker South rural council					
		0. -4.99		7.8	25.4					Wad Alhileiw rural council					
Province	DEC-JAN	1992-93			0. -4.99		3.3	14.5					Blue Nile province	00646	

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							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
National	DEC-AUG	1992-93			0. -4.99	4585			13.1			34.3		33.9	01006
			URBAN		0. -4.99			11.1			24.6		24.0		
			RURAL		0. -4.99			14.2			39.9		39.5		
				M	0. -4.99			12.4			34.3		32.3		
				F	0. -4.99			13.8			34.4		35.4		
Local	MAR	1993			0. -4.99	371	35.8	73.0					4 sites in southern Sudan	00645	
					0. -4.99	61	5.0	32.0					Akon (Bahr el Ghazal State)		
					0. -4.99	69	44.0	81.0					Arne (Eastern Equatoria State)		
					0. -4.99	77	44.0	75.0					Ayod (Upper Nile State)		
					0. -4.99	164	40.0	84.0					Kongor (Upper Nile State)		
Province	MAY-JUN	1993			0. -4.99			2.3	14.4			Eastern State provinces	01347		
Province	OCT-NOV	1993			0. -4.99			3.3	15.4			Eastern State provinces	01348		
Province	JAN	1994			0. -4.99	1407	2.1	13.3					Kordofan State	01349	
					0. -4.99	1229	2.2	13.8					All northern Kordofan		
					0. -4.99	178	1.7	10.1					All southern Kordofan		
					0. -4.99	210	2.9	13.4					Bara province		
					0. -4.99	70	1.4	8.5					Ed Dilling province		
					0. -4.99	38	0.0	10.5					El Rashad province		
					0. -4.99	70	2.9	11.5					El Salam province		
					0. -4.99	280	2.1	12.5					En Nahoud province		
					0. -4.99	246	1.2	11.8					Sheikan province		
					0. -4.99	178	4.5	19.2					Sodari province		
					0. -4.99	315	1.3	13.5					Um Rwaba province		
					URBAN	0. -4.99	281		13.2						
					RURAL	0. -4.99	1126		13.4						
						M	0. -4.99		2.3	15.3					
			F	0. -4.99		1.9	11.2								
Province	APR	1994			0. -4.99	1050	3.7	13.3				Algezera State	01350		
Local					1. -4.99		3.2	14.6				Dar El Salam - Jebal Aulia	01694		
					1. -4.99		2.4	20.3				Dar El Salam - Omdurman			
					1. -4.99		1.8	11.9				Dar El Slam Bahri camp			

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							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
Local	APR	1994			1.	-4.99	3.5	22.5					El Salam camp - Omdurman	01694	
					1.	-4.99	2.2	12.9					Elta Kamul		
					1.	-4.99	3.2	22.4					En Gamina - Omdurman		
					1.	-4.99	5.1	26.6					Jebal Aulia camp		
					1.	-4.99	3.4	15.7					Karton Kassala - Haj Yousif		
					1.	-4.99	0.4	11.5					Marzouq		
					1.	-4.99	2.1	17.6					Mayo Farms camp		
					1.	-4.99	1.5	14.7					Mayo village (Mayo town)		
					1.	-4.99	0.5	11.3					Shigla Haj Yousif		
					1.	-4.99	2.4	13.7					Shigla Omdurman		
					1.	-4.99	1.2	9.8					Sitta Abrial		
					1.	-4.99	2.3	14.2					Soba Aradi		
					1.	-4.99	4.4	15.4					Wad El Bashir		
					1.	-4.99	2.5	17.4					Zagalona		
Province	JUL-AUG	1994			0.	-4.99	2253	2.1	19.9				All Kordofan States	01351	
					0.	-4.99	1319	1.8	19.9				All Northern Kordofan		
					0.	-4.99	306	1.6	20.9				All Southern Kordofan		
					0.	-4.99	628	2.9	19.5				All Western Kordofan		
					0.	-4.99	337	1.2	23.2				Bara province		
					0.	-4.99	108	2.8	25.0				Ed Dilling province		
					0.	-4.99	141	5.7	26.3				El Salam province		
					0.	-4.99	487	2.1	17.5				En Nahud province		
					0.	-4.99	102	0.0	16.7				Er Rashad province		
					0.	-4.99	96	2.1	20.9				Kadugli province		
					0.	-4.99	304	2.0	12.9				Sheikan province		
					0.	-4.99	261	1.5	20.7				Sodari province		
					0.	-4.99	417	2.4	22.1				Um Rawaba province		
					URBAN	0.	-4.99	576	2.3	20.4					
					RURAL	0.	-4.99	1677	2.0	19.8					
						M	0.	-4.99		2.4	21.4				
						F	0.	-4.99		1.8	18.4				
Province	NOV	1994			0.	-4.99	1.5	10.6				Kassala State	01632		

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Country/Territory Administrative level	Dates of survey		Area	Sex	Age group (years)	Sample size	Percentage below/above median						Notes	Ref. No.		
	Months	Year					WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE				
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD	
National		1995			0. -4.99	8057	7.2	16.7							01654	
					0. -4.99	1422	6.5	15.2					Central			
					0. -4.99	380	5.0	9.2					Darfur			
					0. -4.99	1133	7.8	19.5					Eastern			
					0. -4.99	1375	2.9	12.9					Khartoum			
					0. -4.99	1550	4.9	13.8					Kordofan			
					0. -4.99	907	9.7	28.0					Northern			
					0. -4.99	6767	5.7	14.4					Total North			
					0. -4.99	1290	14.5	28.1					Total South			
			Regional					0. -4.99	3099	3.4	17.1	1.6	16.1	34.8		13.1
		0. -4.99				507	2.2	17.6	2.6	21.9	38.3	14.6	39.6	Gezira State		
		0. -4.99				555	2.9	17.3	1.1	14.4	35.5	10.3	38.7	Kassala State		
		0. -4.99				413	6.8	23.0	3.6	19.6	40.0	17.7	39.7	Nahr El Neil State		
		0. -4.99				562	1.8	15.1	1.4	12.3	31.9	10.3	39.9	North Kordofan State		
		0. -4.99				520	6.5	23.8	1.3	17.9	36.5	19.8	45.8	Red Sea State		
		0. -4.99				556	1.3	7.7	0.4	12.4	28.8	7.9	28.2	South Dafur State		
		0. -0.49				188	2.7	6.9	9.0	0.5	5.9	1.6	7.4			
		0.50-0.99				466	2.4	13.3	3.0	9.2	24.7	8.6	26.8			
		1				835	6.1	26.5	1.3	16.4	39.8	16.2	45.0			
		2				726	3.0	17.5	0.4	18.0	36.1	16.7	44.8			
		3				522	1.9	13.0	1.0	22.4	39.3	12.5	41.0			
		4				326	1.8	10.1	0.3	19.6	42.9	11.3	37.7			
		M				0. -4.99	1633	3.7	18.4	1.3	16.8	34.6	13.2	38.1		
		M				0. -0.49	97	0.0	2.1	5.2	1.0	6.2	1.0	4.1		
		M				0.50-0.99	238	2.5	15.1	3.4	12.6	29.8	10.5	29.4		
		M				1	457	7.2	28.0	1.5	16.8	39.4	16.4	44.6		
		M				2	410	3.9	19.8	0.2	19.8	34.9	17.3	45.4		
		M				3	264	1.1	13.3	0.0	20.8	37.9	11.0	37.9		
		M				4	167	1.8	11.4	0.6	18.0	38.9	8.4	34.7		
		F	0. -4.99	1466	3.1	15.6	2.0	15.3	35.0	13.1	38.9					
		F	0. -0.49	91	5.5	12.1	13.2	0.0	5.5	2.2	11.0					
		F	0.50-0.99	228	2.2	11.4	2.6	5.7	19.3	6.6	24.1					
		F	1	378	4.8	24.6	1.1	15.9	40.2	15.9	45.5					
		F	2	352	2.0	14.8	0.6	15.9	37.5	15.9	44.0					

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Country/Territory Administrative level	Dates of survey		Area	Sex	Age group (years)	Sample size	Percentage below/above median						Notes	Ref. No.	
							WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE			
	Months	Year					-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
Regional	1995			F	3	258	2.7	12.8	1.9	24.0	40.7	14.0	44.2	01977	
				F	4	159	1.9	8.8	0.0	21.4	47.2	14.5	40.9		
Province	MAY	1995			0. -4.99		5.3	14.6						Gedaref State	01633
Local	JUL-NOV	1995			1. -4.99	303	3.3	11.9						Angola (settled area)	01694
					1. -4.99	197	5.6	13.8						Dar El Salam - Jebal Aulia	
					1. -4.99	477	3.6	20.3						Dar El Salam - Omdurman	
					1. -4.99	277	4.6	17.6						Dar El Salam Bahri	
					1. -4.99	239	8.0	22.2						El Khudair	
					1. -4.99	825	9.7	27.4						El Salam camp - Omdurman	
					1. -4.99	357	5.9	17.7						Elta Kamul	
					1. -4.99	237	3.8	23.2						En Gamina - Omdurman	
					1. -4.99	398	3.6	19.6						Jebal Aulia camp	
					1. -4.99	359	6.7	19.4						Karton Kassala - Haj Yousif	
					1. -4.99	398	3.3	15.1						Marzouq	
					1. -4.99	391	2.8	19.9						Mayo Farms camp	
					1. -4.99	476	4.4	17.6						Mayo village (Mayo town)	
					1. -4.99	478	2.1	16.4						Shigla Haj Yousif	
					1. -4.99	240	3.3	14.2						Shigla Omdurman	
					1. -4.99	120	1.7	9.2						Sitta Abrial	
					1. -4.99	478	7.5	22.0						Soba Aradi	
		1. -4.99	394	10.9	36.8						Wad El Bashri				
		1. -4.99	298	5.0	17.2						Zagalona				
Local	SEP	1995	URBAN		0.50-4.99	892	7.2	33.8						Malakal town (rainy season)	01631
			URBAN		0.50-4.99		9.6	36.1					Central zone		
			URBAN		0.50-4.99		5.8	29.1					Northern zone		
			URBAN		0.50-4.99		7.1	36.1					Southern zone		
			URBAN		0.50-0.99		10.4	27.1							
			URBAN		1		16.4	54.1							
			URBAN		2. -4.99		5.3	31.4							
			URBAN	M	0.50-4.99	460	7.8	36.9							
			URBAN	F	0.50-4.99	432	7.1	30.5							
Province	OCT	1995			0. -4.99		1.5	14.4					White Nile State	01634	

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Country/Territory Administrative level	Dates of survey		Area	Sex	Age group (years)	Sample size	Percentage below/above median						Notes	Ref. No.	
	Months	Year					WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE			
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
Province	FEB	1996			0. -4.99		4.0	14.0					Al Gadarif State: kids<110 cm	01780	
					0. -4.99		2.5	12.8					Al Fashaga province		
					0. -4.99		5.8	18.4					Al Gadarif province		
					0. -4.99		3.2	10.6					Al Galabat province		
					0. -4.99		4.7	14.3					Alrhad province		
Local	JUL-AUG	1998			0.50-4.99	458	48.5	80.3					Ajiep (%< cut-off or oedema)	01933	
					0.50-4.99	437	20.6	44.6					Mapel (%< cut-off or oedema)		
					0.50-4.99	457	37.2	71.3					Panthau (%< cut-off or oedema)		
National	JUL-AUG	2000			0. -4.99	18043	3.8	15.7	3.4	23.7	43.3	14.7	40.7	16 north states+3 towns south	02369
					0. -4.99	874	4.9	16.1	1.8	28.5	48.7	20.8	48.9	Al-Gadarif	
					0. -4.99	1402	5.7	20.2	2.4	19.5	38.4	14.8	41.8	Al-Gazira	
					0. -4.99	593	3.2	13.8	4.0	25.8	47.4	16.0	44.0	Blue Nile	
					0. -4.99	1600	2.5	8.6	6.1	36.2	59.4	9.6	31.6	Kassala	
					0. -4.99	2596	1.9	13.9	2.3	15.3	32.2	10.4	36.2	Khartoum	
					0. -4.99	326	3.4	17.5	3.7	17.8	35.9	10.7	36.8	Northern	
					0. -4.99	1378	5.9	22.5	2.2	22.4	44.3	18.8	47.3	Northern Darfur	
					0. -4.99	1125	2.9	19.3	0.9	24.2	45.5	19.1	49.9	Northern Kordufan	
					0. -4.99	220	3.2	15.5	3.6	23.2	41.8	18.2	42.3	Red Sea	
					0. -4.99	508	3.5	20.3	0.6	13.0	30.5	11.2	38.8	River Nile	
					0. -4.99	857	4.0	15.1	2.5	25.2	49.1	16.9	44.5	Sinnar	
					0. -4.99	2339	3.6	12.4	4.7	26.6	46.7	14.3	39.4	Southern Darfur	
					0. -4.99	884	2.1	10.7	2.6	21.0	39.1	10.7	32.8	Southern Kordufan	
					0. -4.99	835	3.7	8.9	10.5	32.2	51.1	14.4	37.4	Western Darfur	
					0. -4.99	871	5.1	18.1	6.5	31.0	49.3	18.8	43.8	Western Kordufan	
					0. -4.99	1637	5.8	21.8	1.8	18.4	36.0	16.7	43.3	White Nile	
					0. -0.49	1838	3.6	11.3	11.3	5.9	11.7	1.7	6.3		
					0.50-0.99	2001	4.4	18.3	5.3	15.0	29.5	11.2	32.0		
					1	2898	6.6	24.6	3.3	24.7	46.7	19.6	50.5		
		2	3918	4.8	17.3	1.6	29.3	49.6	23.1	51.7					
		3	3977	2.2	12.2	2.4	30.1	52.7	13.8	43.6					
		4	3411	2.1	11.2	1.6	23.5	47.5	10.9	39.9					
		URBAN	0. -4.99	9098	3.7	14.4	3.7	19.4	38.5	11.4	36.0				

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Country/Territory Administrative level	Dates of survey		Area	Sex	Age group (years)	Sample size	Percentage below/above median						Notes	Ref. No.	
	Months	Year					WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE			
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
National	JUL-AUG	2000	RURAL		0. -4.99	8945	3.9	16.9	3.2	28.0	48.3	18.0	45.4		02369
				M	0. -4.99	9020	4.4	16.9	3.0	23.9	43.6	14.6	41.6		
				M	0. -0.49	908	3.5	9.8	10.4	7.4	13.4	1.8	7.6		
				M	0.50-0.99	1004	4.6	19.7	3.9	14.3	28.1	11.0	32.4		
				M	1	1506	7.4	26.1	3.0	25.2	47.8	21.2	52.5		
				M	2	1961	5.6	18.0	1.4	28.9	50.6	24.0	53.3		
				M	3	1989	2.5	13.4	2.1	31.3	53.0	12.3	43.1		
				M	4	1652	3.3	13.5	1.6	22.5	46.4	9.6	40.4		
				F	0. -4.99	9025	3.2	14.5	3.9	23.5	43.0	14.7	39.8		
				F	0. -0.49	930	3.8	12.7	12.3	4.4	10.0	1.6	4.9		
				F	0.50-0.99	997	4.2	16.8	6.7	15.7	31.0	11.5	31.7		
				F	1	1392	5.7	23.0	3.7	24.3	45.5	17.7	48.3		
				F	2	1957	4.0	16.6	1.7	29.7	48.7	22.2	50.1		
				F	3	1990	2.0	10.9	2.8	28.9	52.5	15.1	44.2		
				F	4	1759	0.9	9.0	1.5	24.5	48.4	12.1	39.5		