

NIGERIA

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		
Local	OCT-JUN	1976-77			0. -2.99	483							47.0	Zaria Village	00025		
					0. -0.99	161								29.0		Zaria Village	
					1	161										62.0	Zaria Village
					2	161										50.0	Zaria Village
National	APR-JUN	1983			0. -4.99	5889			20.6						00043		
			URBAN		0. -4.99	4253			20.9								
			RURAL		0. -4.99	1636			19.7								
Province		1986			0.50-2.99	1464	0.6	6.1	0.5	11.5	30.1	5.2	25.7	Ondo State	00376		
					0.50-2.99	111	1.8	14.4	2.7	12.6	28.8	9.0	31.5	Riverine			
					0.50-0.99	346	0.3	4.3	0.9	2.0	10.7	2.9	15.9				
					1	603	0.7	8.5	0.5	10.1	30.3	5.5	27.0				
					2	515	0.8	4.7	0.4	19.6	42.9	6.4	30.7				
			URBAN		0.50-2.99	643	0.5	4.8	0.5	9.2	24.3	3.0	20.1				
			RURAL		0.50-2.99	710	0.6	6.1	0.3	13.5	35.6	6.6	29.9				
				M	0.50-2.99	773	0.6	6.3	0.4	11.4	30.3	5.3	25.5				
				M	0.50-0.99	174	0.6	3.4	0.6	3.4	12.1	3.4	17.8				
				M	1	325	0.9	9.8	0.3	9.5	32.0	5.2	27.7				
				M	2	274	0.4	4.0	0.4	18.6	39.8	6.6	27.7				
				F	0.50-2.99	691	0.6	5.9	0.7	11.7	30.0	5.1	25.9				
				F	0.50-0.99	172	0.0	5.5	1.2	0.6	9.3	2.3	14.0				
				F	1	278	0.4	6.8	0.7	10.8	28.4	5.8	26.3				
	F	2	241	1.2	5.4	0.4	20.7	46.5	6.2	34.0							
National		1990			0. -4.99	5606	1.7	8.9	1.5	21.9	42.7	11.8	35.3		00377		
					0. -4.99	1213	3.2	11.0	1.8	29.6	51.3	18.4	43.8	Northeast			
					0. -4.99	1361	2.7	12.0	2.4	28.4	49.8	13.9	43.3	Northwest			
					0. -4.99	1905	0.6	7.6	0.9	16.7	36.4	9.4	29.2	Southeast			
					0. -4.99	1127	0.8	5.5	1.4	14.3	35.4	6.3	26.7	Southwest			
					0. -0.49	700	0.6	4.2	5.1	5.5	11.9	0.6	5.8				
					0.50-0.99	725	2.0	12.0	2.3	8.5	22.7	6.6	30.9				
					1	1129	3.5	15.6	1.3	20.5	44.4	15.0	45.2				
					2	1018	1.8	8.1	0.5	29.9	53.3	19.2	45.3				

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							WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE				
	Months	Year					-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD	
National	1990				3	1099	1.0	6.7	0.7	31.2	55.3	13.3	37.0	00377		
					4	935	0.9	5.8	0.7	26.4	52.8	10.6	36.0			
			URBAN		0. -4.99	1286	1.4	7.2	1.6	13.5	34.7	6.7	26.0			
			RURAL		0. -4.99	4319	1.8	9.5	1.5	24.4	45.1	13.3	38.1			
				M	0. -4.99	2762	1.6	9.6	1.5	23.0	43.0	11.9	35.2			
				M	0. -0.49	391	1.0	5.0	5.1	7.7	15.4	1.0	7.2			
				M	0.50-0.99	356	2.3	16.4	1.9	9.6	22.8	8.7	34.0			
				M	1	538	4.1	18.9	0.8	21.9	46.2	18.6	48.0			
				M	2	504	1.5	7.3	0.3	31.9	52.0	17.4	44.2			
				M	3	522	0.2	4.1	1.0	30.8	55.0	11.9	35.2			
				M	4	451	0.5	6.3	0.8	29.0	55.0	9.6	35.4			
				F	0. -4.99	2843	1.8	8.3	1.6	20.8	42.4	11.7	35.4			
				F	0. -0.49	309	0.0	3.3	5.1	2.8	7.5	0.1	4.0			
				F	0.50-0.99	369	1.7	7.7	2.7	7.4	22.6	4.5	27.9			
				F	1	591	3.0	12.6	1.8	19.3	42.8	11.8	42.7			
				F	2	514	2.1	8.9	0.6	27.8	54.6	21.0	46.4			
				F	3	577	1.8	9.0	0.5	31.6	55.6	14.5	38.7			
	F	4	484	1.2	5.2	0.6	24.1	50.8	11.5	36.6						
Regional	OCT-FEB 1992-93				0. -4.99	4637				10.9		52.3		28.3	Focal areas in 10 states Adamawa, Bauchi & Taraba state Benue and Cross River state Kaduna and Niger state Ondo, Oyo and Osun state	01666
					0. -4.99	875				13.8		53.4		30.9		
					0. -4.99	1080				9.2		51.3		23.8		
					0. -4.99	1838				9.7		51.4		26.3		
					0. -4.99	844				11.6		49.1		31.7		
					0. -0.99	650				18.3		48.0		33.8		
					1	709				12.8		52.0		31.7		
					2	838				8.9		47.6		31.3		
					3	881				9.2		51.1		28.1		
					4	1559				8.9		57.4		23.0		
				M	0. -4.99	2808				11.3		56.6		32.8		
				F	0. -4.99	1829				10.0		46.0		22.3		
			National	1993				0.50-5.99	2664	4.5	18.5	3.3	18.3	37.7		
		0.50-5.99				553	4.9	17.4	5.6	24.5	47.1	17.6	42.6	Northeast		

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	Months	Year					WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE				
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD	
National		1993			0.50-5.99	761	4.3	18.7	4.9	29.7	51.9	20.1	43.4	Northwest	01713	
					0.50-5.99	685	5.3	21.2	1.2	9.5	24.5	12.2	34.4	Southeast		
					0.50-5.99	665	3.8	16.4	2.0	10.0	28.3	13.3	35.9	Southwest		
					0.50-0.99	244	3.7	18.0	8.2	8.4	23.9	10.0	28.8			
					1.00-1.49	297	9.8	26.9	3.7	5.9	25.1	16.7	37.5			
					1.50-1.99	257	6.2	17.1	3.5	19.9	41.4	16.4	38.7			
					2	537	5.0	17.1	2.6	20.4	38.1	18.3	43.7			
					3	482	3.1	16.2	2.1	26.5	47.8	16.7	42.0			
					4	357	3.1	16.0	2.0	20.2	40.2	13.0	35.3			
					5	315	2.9	18.7	1.9	18.9	39.7	17.1	41.6			
					URBAN	0.50-5.99	1046	4.6	17.1	3.3	15.4	33.5	12.5	35.0		
					URBAN	0.50-5.99	234	8.5	26.1	2.6	19.9	44.4	24.7	46.6		Periurban
					RURAL	0.50-5.99	1384	3.8	18.2	3.5	20.4	40.0	17.1	41.1		
					M	0.50-5.99	1365	4.8	19.2	3.2	20.5	39.9	17.3	41.3		
					M	0.50-0.99	132	3.8	22.7	9.8	6.1	23.7	9.2	31.2		
					M	1.00-1.49	164	9.8	28.0	3.0	7.1	29.8	21.4	41.0		
					M	1.50-1.99	130	3.1	11.5	2.3	21.0	45.7	15.7	36.4		
					M	2	304	5.3	18.8	2.6	22.1	36.8	18.6	46.0		
					M	3	263	4.2	17.1	2.3	27.0	46.7	18.5	41.1		
					M	4	192	4.2	19.3	2.6	25.0	44.3	14.5	40.0		
					M	5	180	3.3	17.8	2.2	25.8	47.8	19.6	46.7		
					F	0.50-5.99	1124	4.4	17.1	2.9	15.7	35.1	14.2	36.5		
					F	0.50-0.99	112	3.6	12.5	6.3	10.8	24.2	10.9	26.1		
					F	1.00-1.49	133	9.8	25.6	4.5	4.3	19.4	11.1	33.3		
					F	1.50-1.99	127	9.4	22.8	4.7	18.8	36.7	17.2	41.0		
					F	2	233	4.7	15.0	2.6	18.2	39.8	17.8	40.7		
		F	3	219	1.8	15.1	1.8	25.9	49.1	14.5	43.0					
		F	4	165	1.8	12.1	1.2	14.6	35.4	11.3	29.8					
		F	5	135	2.2	20.0	1.5	9.6	28.9	13.8	34.8					
National	FEB-APR	1999			0. -4.99	8617	4.1	15.6		19.2	33.5	12.4	30.7		02381	
					0. -4.99	2139	4.5	17.6		27.0	43.6	16.4	37.7	Northeast		
					0. -4.99	2356	6.1	17.3		22.9	36.9	16.7	35.0	Northwest		
					0. -4.99	1787	3.1	12.5		15.4	29.5	7.1	24.6	Southeast		

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							WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE			
	Months	Year					-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
National	FEB-APR	1999			0. -4.99	2335	2.5	14.5		11.6	24.2	6.1	22.2	Southwest	02381
					0. -0.49	921	2.6	13.9		2.2	7.0	4.3	9.1		
					0.50-0.99	841	5.8	27.5		10.0	17.0	12.4	28.8		
					1	1664	7.6	24.3		16.0	30.1	18.4	39.9		
					2	1694	3.8	13.6		24.3	40.1	17.4	37.4		
					3	1880	2.5	9.8		26.4	42.8	10.3	29.5		
					4	1617	2.8	10.4		22.9	41.9	7.1	26.6		
			URBAN		0. -4.99	2508	2.9	14.1		11.6	24.6	6.3	21.7		
			RURAL		0. -4.99	6095	4.6	16.2		22.5	27.3	4.7	34.1		
				M	0. -4.99	4539	4.4	15.8		19.9	35.2	13.1	31.8		
	F	0. -4.99	4078	3.5	15.4		18.5	31.6	11.5	29.3					
Regional	MAR-MAY	1999			0. -2.99	1473	4.9	12.4		25.6	45.5	10.7	27.3	(45% of national sample)	02196
					0. -2.99	291	2.9	10.0		28.8	53.1	9.5	23.9	Central	
					0. -2.99	302	7.9	16.3		35.9	55.2	19.4	38.0	Northeast	
					0. -2.99	108	11.6	22.9		35.9	57.0	24.3	45.2	Northwest	
					0. -2.99	368	2.8	8.0		18.3	35.3	5.0	18.3	Southeast	
					0. -2.99	404	4.2	12.4		19.4	38.9	6.5	25.1	Southwest	
					0. -0.49	243	5.2	13.6		7.1	21.4	4.3	11.5		
					0.50-0.99	290	5.0	13.5		18.8	39.0	12.7	27.2		
					1	526	6.6	15.5		31.4	54.9	13.1	31.5		
					2	415	2.5	7.0		33.7	52.1	9.9	31.1		
			URBAN		0. -2.99	417	3.4	11.4		22.8	41.6	8.7	26.7		
			RURAL		0. -2.99	1056	5.5	12.8		26.7	47.0	11.5	27.5		
				M	0. -2.99	748	4.4	11.6		27.0	48.4	10.6	29.2		
	F	0. -2.99	725	5.4	13.3		24.1	42.4	10.7	25.3					
National	AUG-OCT	2001			0. -4.99	4954		9.0			42.0		25.0		02565
					0. -4.99	560	1.5	6.3		12.6	29.9	2.1	16.6	Akwa Ibom	
					0. -4.99	241	2.5	5.5		9.2	18.8	3.3	14.9	Bayelsa	
					0. -4.99	520	3.5	12.7		31.6	46.8	10.6	30.4	Borno	
					0. -4.99	417	2.8	6.1		18.3	33.5	3.4	14.9	Edo	
					0. -4.99	414	3.0	8.7		6.7	16.6	4.3	14.0	Imo	
					0. -4.99	421	3.8	9.8		29.2	47.4	8.1	30.4	Kaduna	
					0. -4.99	662	7.8	15.3		38.3	57.9	16.2	38.9	Kano	

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	Months	Year					-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD		
National	AUG-OCT	2001			0. -4.99	336	5.6	10.3		57.1	73.9	22.0	46.4	Kebbi	02565		
					0. -4.99	289	1.4	4.2		14.8	32.3	3.1	13.5	Kwara			
					0. -4.99	224	3.3	10.4		43.4	63.8	12.1	34.9	Nasarawa			
					0. -4.99	469	1.3	5.9		12.5	29.9	2.6	19.4	Osun			
					0. -4.99	401	3.3	9.1		27.9	44.8	10.0	25.7	Taraba			
			URBAN		0. -4.99									21.1			
			RURAL		0. -4.99									27.7			
National	MAR-AUG	2003			0. -4.99	4789	2.2	9.3	3.6	19.2	38.3	8.9	28.7		02589		
					0. -4.99	758	1.2	5.5	1.3	11.2	31.4	4.9	19.7	North central			
					0. -4.99	1088	1.2	7.9	2.1	21.6	43.0	9.5	33.1	North east			
					0. -4.99	1452	3.8	12.5	5.4	34.4	55.3	14.7	42.9	North west			
					0. -4.99	338	0.6	5.0	5.3	5.3	19.8	2.1	8.6	South east			
					0. -4.99	643	2.5	11.2	3.9	6.4	21.0	6.4	18.0	South south			
					0. -4.99	510	2.2	8.6	3.7	8.6	24.5	4.7	19.2	South west			
					0. -0.49	528	2.8	8.0	11.0	2.7	7.4	0.4	6.6				
					0.50-0.99	604	3.0	12.9	5.0	11.6	28.1	7.9	23.7				
					1	889	4.0	15.1	2.8	24.9	49.4	15.6	41.4				
					2	972	1.4	6.0	2.9	21.7	43.3	11.3	34.9				
					3	985	1.7	8.0	1.3	21.7	43.9	8.0	26.6				
					4	811	0.6	6.4	2.3	23.6	41.3	5.8	27.9				
			URBAN		0. -4.99	1552	1.6	8.2	3.4	12.9	28.8	6.8	22.2				
			RURAL		0. -4.99	3236	2.5	9.7	3.8	22.3	42.9	9.9	31.8				
					M	0. -4.99	2390	2.2	9.3	3.6	20.3	40.8	9.3	29.2			
					M	0. -0.49	283	2.8	7.4	12.0	2.5	8.5	0.0	4.6			
					M	0.50-0.99	279	2.5	15.0	5.7	16.8	33.0	9.3	27.9			
					M	1	445	5.4	16.9	3.1	28.6	53.9	19.6	45.6			
					M	2	483	1.2	5.8	2.3	22.3	44.3	12.2	35.5			
					M	3	502	0.6	6.4	1.0	22.9	48.2	6.6	25.5			
		M	4	398	1.0	5.8	1.5	20.4	41.0	4.5	26.2						
		F	0. -4.99	2399	2.3	9.2	3.7	18.2	35.9	8.4	28.1						
		F	0. -0.49	245	3.3	8.2	9.8	2.9	6.1	0.8	9.0						
		F	0.50-0.99	325	3.4	11.1	4.3	7.1	24.0	6.8	20.1						
		F	1	444	2.7	13.3	2.5	21.2	44.8	11.7	37.2						

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							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
National	MAR-AUG	2003		F	2	488	1.6	5.9	3.5	21.3	42.3	10.4	34.2		02589
				F	3	484	2.9	9.7	1.9	20.5	39.3	9.5	27.7		
				F	4	413	0.2	7.0	3.4	26.6	41.5	7.0	29.5		