

MALAWI

Percentage below/above median

Country/Territory Administrative level	Dates of survey		Area	Sex	Age group (years)	Sample size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE		Notes	Ref. No.
	Months	Year					-3SD	-2SD	+2SD	-3SD	-2SD	-3SD	-2SD		
National	OCT-NOV	1981			0.50-4.99	4489	0.1	1.6		25.9	56.4	23.9	(1st round)	00107	
					0.50-4.99	1272	0.0	1.6		23.5	53.4		Blantyre division		
					0.50-4.99	150	0.0	0.0		20.6	57.8		Karonga division		
					0.50-4.99	664	0.0	1.3		31.2	62.8		Kasungu division		
					0.50-4.99	982	0.3	1.2		28.2	57.3		Lilongwe division		
					0.50-4.99	946	0.1	2.6		22.3	52.0		Liwonde division		
					0.50-4.99	340	0.0	1.8		30.9	62.2		Mzuzu division		
					0.50-4.99	254	0.0	1.3		23.6	49.5		Ngabu division		
					0.50-4.99	379	0.0	0.7		27.8	64.0		Salima division		
					0.50-0.99	662	0.0	2.3		10.9	34.1	26.0			
					1	1147	0.2	3.5		22.6	54.6	29.7			
					2	980	0.1	1.2		32.5	65.2	25.4			
					3	930	0.0	0.2		31.2	60.7	19.2			
					4	770	0.0	0.3		28.1	60.5	17.0			
					M	0.50-4.99		0.1	2.2		27.5	59.4			
					M	0.50-0.99		0.0	3.5		15.5	41.1			
					M	1		0.2	5.4		25.0	56.8			
					M	2		0.3	1.5		32.3	66.1			
					M	3		0.0	0.2		29.8	62.7			
					M	4		0.0	0.3		30.7	64.0			
		F	0.50-4.99		0.0	0.9		24.5	53.7						
		F	0.50-0.99		0.0	1.2		6.7	27.9						
		F	1		0.2	1.7		20.4	52.5						
		F	2		0.0	0.9		32.7	64.3						
		F	3		0.0	0.2		32.5	58.7						
		F	4		0.0	0.3		25.5	57.0						
National	APR-MAY	1982			0.50-4.99	2781	0.2	2.8		27.1	56.3		(2nd round)	00107	
					0.50-4.99	615	0.0	5.5		21.9	50.4		Blantyre division		
					0.50-4.99	105	0.0	1.0		20.3	64.2		Karonga division		
					0.50-4.99	382	0.5	3.8		35.8	63.4		Kasungu division		
					0.50-4.99	437	0.0	1.1		29.1	58.1		Lilongwe division		
					0.50-4.99	443	0.0	1.3		26.4	55.1		Liwonde division		

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	Months	Year					-3SD	-2SD	+2SD	-3SD	-2SD	-3SD	-2SD					
National	APR-MAY	1982			0.50-4.99	322	0.4	1.5		32.9	65.4			Mzuzu division Ngabu division Salima division	00107			
					0.50-4.99	255	0.0	2.8		21.2	47.2							
					0.50-4.99	222	0.8	2.0		27.0	53.8							
					0.50-0.99		0.0	1.6		8.6	36.6							
					1		0.3	8.0		22.4	53.9							
					2		0.3	1.4		35.4	64.7							
					3		0.0	0.6		32.8	61.5							
					4		0.2	0.7		30.2	57.4							
					M	0.50-4.99		0.3	3.7		28.8	59.0						
					M	0.50-0.99		0.0	2.4		9.2	42.9						
					M	1		0.6	9.9		23.8	55.1						
					M	2		0.4	2.2		36.3	66.8						
					M	3		0.0	0.5		34.2	62.4						
					M	4		0.4	1.3		34.1	61.7						
					F	0.50-4.99		0.0	1.8		25.5	53.8						
					F	0.50-0.99		0.0	0.8		8.1	30.9						
					F	1		0.0	6.0		20.8	52.5						
					F	2		0.1	0.5		34.6	62.8						
					F	3		0.0	0.7		31.3	60.5						
					F	4		0.0	0.0		26.4	53.1						
Local	FEB-MAR	1983	RURAL	0. -4.99	615		3.8		47.2				11 villages in Chingale during the rainy season	00128				
			RURAL	0. -0.49	83		0.0		7.7									
			RURAL	0.50-0.99	81		6.2		32.1									
			RURAL	1.00-1.49	79		11.7		48.1									
			RURAL	1.50-1.99	54		13.0		70.4									
			RURAL	3. -4.99	170		0.0		57.4									
			RURAL	2	148		1.4		56.8									
Local	SEP-OCT	1983	RURAL	0. -4.99	581		3.6		45.9			11 villages in Chingale during the dry season	00128					
			RURAL	0. -0.49	69		1.4		0.0									
			RURAL	0.50-0.99	75		4.0		40.0									
			RURAL	1.00-1.49	73		10.9		47.9									
			RURAL	1.50-1.99	55		9.1		50.9									
			RURAL	3. -4.99	195		0.5		56.4									

MALAWI

Percentage below/above median

Country/Territory Administrative level	Dates of survey		Area	Sex	Age	Sample	Percentage below/above median						Notes	Ref. No.	
	Months	Year			group (years)	size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE			
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD	-2SD		
Local	SEP-OCT	1983	RURAL		2	114		2.6			56.1				00128
Local	FEB-MAR	1984	RURAL		0. -4.99	449		8.9			49.6			11 villages in Chingale during the rainy season	00128
			RURAL		0. -0.49	33		0.0			3.0				
			RURAL		0.50-0.99	49		10.2			20.4				
			RURAL		1.00-1.49	62		21.0			51.6				
			RURAL		1.50-1.99	45		22.2			62.2				
			RURAL		3. -4.99	165		1.2			64.2				
			RURAL		2	95		10.5			48.4				
Local	SEP-OCT	1984	RURAL		0. -4.99	476		1.9			49.0			11 villages in Chingale during the dry season	00128
			RURAL		0. -0.49	47		0.0			4.3				
			RURAL		0.50-0.99	33		0.0			30.3				
			RURAL		1.00-1.49	42		4.8			40.5				
			RURAL		1.50-1.99	62		6.5			66.8				
			RURAL		3. -4.99	197		0.5			54.8				
			RURAL		2	95		2.1			57.9				
Local	FEB-MAR	1985	RURAL		0. -4.99	443		3.2			50.8			11 villages in Chingale during the rainy season	00128
			RURAL		0. -0.49	36		0.0			8.3				
			RURAL		0.50-0.99	38		2.6			21.1				
			RURAL		1.00-1.49	37		8.1			51.3				
			RURAL		1.50-1.99	48		6.3			58.4				
			RURAL		3. -4.99	182		0.5			53.2				
			RURAL		2	102		5.9			68.6				
Local	SEP-OCT	1985	RURAL		0. -4.99	439		1.4			53.5			11 villages in Chingale during the dry season	00128
			RURAL		0. -0.49	26		0.0			19.2				
			RURAL		0.50-0.99	40		2.5			27.5				
			RURAL		1.00-1.49	42		7.2			45.3				
			RURAL		1.50-1.99	35		5.8			60.0				
			RURAL		3. -4.99	197		0.0			54.8				
			RURAL		2	99		0.0			71.7				
National	SEP-NOV	1992			0. -4.99	3235	1.4	5.4	6.7	23.2	49.2	7.7	27.6		01409
					0. -4.99	1315	1.0	4.5	9.4	25.7	51.5	7.0	25.8	Central region	

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Percentage below/above median

Country/Territory Administrative level	Dates of survey		Area	Sex	Age group (years)	Sample size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE		Notes	Ref. No.
	Months	Year					-3SD	-2SD	+2SD	-3SD	-2SD	-3SD	-2SD		
National	SEP-NOV	1992			0. -4.99	390	0.4	3.4	8.3	17.7	45.0	4.9	20.6	Northern region	01409
					0. -4.99	1531	2.1	6.7	4.0	22.4	48.3	9.0	30.9	Southern region	
					0. -0.49	418	0.8	2.4	13.7	2.5	10.7	0.5	2.5		
					0.50-0.99	409	3.1	7.0	6.9	9.3	28.2	9.0	25.0		
					1	692	2.2	11.2	4.9	24.4	52.7	11.4	38.3		
					2	587	1.2	3.9	5.4	27.6	59.5	10.4	35.6		
					3	553	0.4	2.6	6.5	34.9	66.9	6.9	30.0		
					4	577	1.0	3.9	5.3	30.8	60.6	5.6	24.3		
			URBAN		0. -4.99	345	1.0	2.5	7.1	11.5	35.2	3.6	15.8		
			RURAL		0. -4.99	2891	1.5	5.8	6.7	24.6	50.9	8.2	29.0		
			M		0. -4.99	1615	2.0	6.0	6.1	24.8	51.6	8.5	28.7		
			M		0. -0.49	219	0.9	1.9	14.4	3.8	12.5	0.2	2.5		
			M		0.50-0.99	190	4.0	7.3	4.4	11.4	34.1	10.4	29.7		
			M		1	358	3.6	12.2	4.1	27.0	57.3	14.0	40.5		
			M		2	294	1.8	6.3	5.9	30.6	61.1	13.5	37.9		
			M		3	279	0.2	2.5	4.4	35.9	67.1	6.2	28.1		
			M		4	274	1.1	3.6	5.4	30.7	61.5	3.7	23.9		
			F		0. -4.99	1620	0.9	4.9	7.3	21.6	46.9	6.9	26.5		
			F		0. -0.49	199	0.7	3.0	12.9	1.0	8.8	0.7	2.5		
			F		0.50-0.99	217	2.3	6.7	9.2	7.4	23.0	7.7	20.9		
F		1	335	0.7	10.1	5.7	21.7	47.7	8.7	35.9					
F		2	292	0.5	1.6	4.9	24.7	57.9	7.4	33.2					
F		3	273	0.6	2.6	8.6	34.0	66.7	7.7	31.8					
F		4	302	0.8	4.2	5.2	30.9	59.7	7.3	24.6					
National	OCT	1995			0. -4.99	3654	2.0	7.0		24.2	48.3	8.7	29.9		01700
					0. -4.99	1631	1.6	7.0		26.7	51.5	8.9	31.6	Central region	
					0. -4.99	704	2.4	6.3		17.8	46.1	5.6	22.1	Northern region	
					0. -4.99	1319	2.3	7.1		22.8	45.4	9.0	29.5	Southern region	
					0. -4.99	205	1.5	5.3		23.8	41.5	11.8	25.2	Blantyre	
					0. -4.99	122	2.7	6.4		16.5	46.1	10.0	24.5	Chikwawa	
					0. -4.99	96	0.0	5.1		24.3	49.8	9.3	32.5	Chiradzulu	
					0. -4.99	119	5.0	9.0		19.2	53.1	5.5	25.3	Chitipa	
					0. -4.99	174	1.9	9.6		25.7	47.1	7.6	29.9	Dedza	

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Country/Territory Administrative level	Dates of survey		Area	Sex	Age	Sample	Percentage below/above median						Notes	Ref. No.		
	Months	Year			group (years)	size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE				
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD	
National	OCT	1995			0. -4.99	152	1.6	7.2		26.5	57.6	9.5	24.7	Dowa	01700	
					0. -4.99	112	1.8	5.5		12.1	37.0	3.3	16.6	Karonga		
					0. -4.99	105	0.6	6.8		24.8	51.9	7.9	27.9	Kasungu		
					0. -4.99	505	1.9	8.1		29.7	50.7	10.1	34.8	Lilongwe		
					0. -4.99	143	0.0	3.2		19.4	50.0	2.6	27.7	Machinga		
					0. -4.99	131	0.0	3.4		15.9	37.1	5.9	25.7	Mangochi		
					0. -4.99	144	0.0	1.8		33.4	68.5	8.4	39.9	Muchinji		
					0. -4.99	77	5.4	12.3		24.8	48.8	13.4	35.9	Mulanje		
					0. -4.99	128	2.1	7.7		28.0	54.8	13.9	38.9	Mwanza		
					0. -4.99	276	0.3	5.4		21.4	50.7	7.4	25.3	Mzimba		
					0. -4.99	88	5.5	5.5		17.0	51.3	7.1	16.7	Nkhata Bay		
					0. -4.99	127	2.3	6.5		13.8	39.8	4.6	23.1	Nkhotakota		
					0. -4.99	114	3.3	7.8		14.1	40.1	9.7	36.6	Nsanje		
					0. -4.99	135	1.0	4.1		21.2	47.2	7.1	28.8	Ntcheu		
					0. -4.99	151	1.8	4.5		32.6	54.1	14.0	39.6	Ntchisi		
					0. -4.99	109	4.4	8.1		15.2	36.1	2.7	22.2	Rumphi		
					0. -4.99	138	2.9	10.5		24.3	45.5	9.5	32.0	Salima		
					0. -4.99	81	5.4	13.9		27.8	42.5	3.7	30.2	Thyolo		
					0. -4.99	222	3.9	10.0		31.2	49.9	11.6	31.6	Zomba		
					0.50-0.99	465	2.6	8.8		12.4	29.2	4.4	20.6			
					1	932	4.1	12.1		19.9	44.6	9.2	35.8			
					2	814	1.4	5.4		23.0	46.4	12.1	33.0			
					3	755	1.2	4.9		32.9	58.3	8.5	28.9			
					4	588	0.7	3.4		33.7	58.9	8.2	29.1			
					URBAN	0. -4.99	463	2.1	8.7		19.1	33.5	10.2	24.8		
					RURAL	0. -4.99	3191	2.0	6.8		24.6	49.7	8.5	30.3		
					M	0. -4.99	1794	1.9	8.5		26.9	49.7	10.4	32.7		
					M	0.50-0.99	245	1.2	7.9		16.7	35.2	6.1	24.0		
					M	1	461	4.2	16.1		23.1	42.5	12.4	37.4		
					M	2	380	2.1	6.6		25.0	46.1	15.5	38.0		
		M	3	358	1.4	4.6		35.9	62.1	8.5	30.1					
		M	4	304	0.8	5.8		32.9	62.6	8.6	34.6					
		F	0. -4.99	1860	2.0	5.6		21.5	47.0	7.0	27.1					
		F	0.50-0.99	220	4.1	9.9		7.6	22.6	2.6	16.9					

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	Months	Year			group (years)	size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE			
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD
National	OCT	1995		F	1	471	4.0	8.1		16.7	46.6	6.1	34.2	01700	
				F	2	434	0.7	4.3		21.3	46.6	9.2	28.6		
				F	3	397	1.1	5.1		30.2	54.8	8.5	27.8		
				F	4	284	0.6	0.8		34.5	55.0	7.7	23.2		
National		1997-98			0.50-4.99	6309	3.6	9.3		36.3	59.1	10.8	29.6	02455	
				M	0.50-4.99	3073	3.6	9.3		38.4	61.5	12.0	31.9		
			URBAN	M	0.50-4.99	332	5.5	9.9		30.6	56.0	10.0	19.5		
			RURAL	M	0.50-4.99	2741	3.5	9.3		38.9	61.8	12.2	32.9		
				F	0.50-4.99	3236	3.5	9.4		34.3	56.8	9.7	27.4		
			URBAN	F	0.50-4.99	362	8.6	11.2		38.1	52.2	6.8	18.9		
			RURAL	F	0.50-4.99	2874	3.2	9.3		34.0	57.1	9.9	28.1		
National	JUL-NOV	2000			0. -4.99	9322	1.2	5.5	4.3	24.4	49.0	5.8	25.4	02277	
					0. -4.99	4020	1.2	5.0	5.2	30.2	55.5	6.7	27.9		Central region
					0. -4.99	1027	1.0	4.8	3.2	16.2	39.0	3.4	17.4		Northern region
					0. -4.99	4276	1.3	6.2	3.7	20.9	45.3	5.7	25.0		Southern region
					0. -4.99	666	1.2	6.7		13.5	38.1	3.8	18.0		Blantyre
					0. -4.99	193	0.4	5.2		14.6	38.8	3.1	16.0		Karonga
					0. -4.99	385	0.6	2.7		20.9	47.4	2.8	20.7		Kasungu
					0. -4.99	1416	1.6	5.9		31.6	54.2	7.2	27.6		Lilongwe
					0. -4.99	367	0.3	3.3		22.0	44.5	3.4	24.5		Machinga
					0. -4.99	488	1.1	5.7		24.2	47.5	8.5	28.8		Mangochi
					0. -4.99	418	1.1	4.0		26.1	49.5	5.2	27.7		Mulanje
					0. -4.99	424	1.1	4.0		17.8	43.9	3.3	18.7		Mzimba
					0. -4.99	3767	1.1	5.8		25.8	51.3	6.0	26.9		Other districts
					0. -4.99	202	1.8	5.7		25.6	54.6	8.8	29.0		Salima
					0. -4.99	418	1.0	4.5		23.3	46.3	5.5	25.9		Thyolo
					0. -4.99	574	2.4	7.7		21.4	45.7	7.8	24.6		Zomba
					0. -0.49	1005	1.3	5.8	10.0	3.0	11.4	1.3	5.9		
					0.50-0.99	1115	2.2	9.3	6.1	11.3	28.3	5.5	25.7		
					1	2023	1.8	9.9	4.0	29.6	57.7	9.4	36.6		
					2	1932	1.0	4.8	1.9	29.5	55.6	8.7	31.2		
		3	1804	0.7	2.2	3.8	30.8	59.2	3.4	21.3					

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Percentage below/above median

Country/Territory Administrative level	Dates of survey		Area	Sex	Age	Sample size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE		Notes	Ref. No.
	Months	Year			group (years)		-3SD	-2SD	+2SD	-3SD	-2SD	-3SD	-2SD		
National	JUL-NOV	2000			4	1443	0.6	1.5	3.1	27.5	57.4	3.5	20.6		02277
			URBAN		0. -4.99	1220	1.0	4.9	3.8	13.4	34.2	1.4	12.9		
			RURAL		0. -4.99	8103	1.3	5.6	4.4	26.1	51.3	6.5	27.3		
				M	0. -4.99	4622	1.2	5.0	4.3	25.8	50.5	6.0	25.7		
				M	0. -0.49	489	1.4	4.7	10.6	3.7	13.3	1.2	6.3		
				M	0.50-0.99	570	2.3	9.1	5.4	14.4	31.1	6.1	27.0		
				M	1	1015	1.9	9.6	3.8	31.2	60.2	10.0	36.2		
				M	2	957	0.8	3.8	2.3	31.9	56.8	9.1	30.7		
				M	3	881	0.3	1.1	3.4	30.6	60.6	2.6	20.8		
				M	4	711	0.6	2.1	3.2	28.6	56.5	3.7	22.6		
				F	0. -4.99	4700	1.3	6.0	4.3	23.0	47.6	5.7	25.1		
				F	0. -0.49	516	1.2	6.8	9.5	2.3	9.7	1.4	5.4		
				F	0.50-0.99	545	2.2	9.5	6.8	8.1	25.5	4.9	24.2		
				F	1	1007	1.7	10.2	4.0	27.9	55.2	8.9	36.9		
				F	2	976	1.2	5.7	1.5	27.1	54.5	8.5	31.7		
				F	3	923	1.0	3.0	4.2	30.9	57.9	4.1	21.9		
				F	4	733	0.5	1.0	3.0	26.6	58.3	3.3	18.7		