

GUATEMALA

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	size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE					
					(years)		-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD		
Local		1965-67			0	-3.99	581	1.6	4.0	3.0	36.0	62.5	11.7	38.0		00146	
					0	-0.99	139	2.2	5.2	5.9	18.7	33.8	10.8	23.0			
					1		148	2.7	7.4	4.0	44.6	77.0	13.5	53.4			
					2		129	0.8	3.1	0.0	41.1	66.7	14.7	42.6			
					3		165	0.0	0.6	1.8	38.8	70.3	8.5	33.3			
					M	0	-3.99	291	1.0	3.8	2.1	35.7	60.8	11.0			37.8
					F	0	-3.99	290	2.1	4.2	3.8	36.2	64.1	12.4			38.3
Local		1969			0	-5.99	231	0.4	3.1	1.3	29.0	65.4	9.5	39.8	Control villages from the Guatemala Longitudinal Study	00179	
					0	-1.99	86	1.2	2.4	3.6	22.1	52.3	12.8	29.1			
					2	-3.99	87	0.0	5.8	0.0	34.5	70.1	10.3	50.6			
					4	-5.99	58	0.0	0.0	0.0	31.0	77.6	3.5	39.7			
					M	0	-5.99	116	0.9	3.4	0.9	22.9	65.2	4.2			33.9
					M	0	-1.99	43	2.3	2.3	2.3	13.3	51.1	6.7			20.0
					M	2	-3.99	47	0.0	6.4	0.0	27.7	68.1	2.1			42.5
					M	4	-5.99	26	0.0	0.0	0.0	30.8	84.6	3.8			42.3
					F	0	-5.99	112	0.0	2.7	1.8	35.4	65.5	15.0			46.0
					F	0	-1.99	40	0.0	2.5	5.0	31.7	53.7	19.5			39.0
					F	2	-3.99	40	0.0	5.0	0.0	42.5	72.5	20.0			60.0
					F	4	-5.99	32	0.0	0.0	0.0	31.2	71.9	3.1			37.5
Local		1970			0	-5.99	281	0.0	1.1	0.8	27.4	57.7	8.28	36.3	00179		
Local		1971			0	-5.99	322	1.0	4.6	0.0	25.2	59.3	10.3	39.8	00179		
Local		1972			0	-5.99	224	0.0	2.6	0.3	31.7	64.7	10.8	42.8	00179		
Local		1973			0	-5.99	296	0.0	4.2	0.0	34.1	69.3	12.5	50.7	00179		
Local		1974			0	-5.99	241	0.4	2.9	0.0	36.1	74.7	9.5	50.2	00179		
Local		1975			0	-5.99	186	0.0	1.6	0.0	32.8	73.7	5.9	42.5	00179		
Local		1976			0	-5.99	132	0.0	0.8	0.8	32.6	69.7	6.1	40.9	00179		
					4	-5.99	113	0.0	0.9	0.9	31.0	69.1	6.2	37.2			
				M	0	-5.99	73	0.0	0.0	0.0	32.9	63.0	8.2	41.1			

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	Months	Year			group (years)	size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE					
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD		
Local		1976		M	4. -5.99	62	0.0	0.0	0.0	33.9	66.1	9.7	41.9		00179		
					F	0. -5.99	59	0.0	1.7	1.7	32.2	78.0	3.4			40.7	
					F	4. -5.99	51	0.0	2.0	2.0	27.5	74.5	2.0			31.4	
Regional		1983	RURAL		0. -4.99	582		1.7		67.6		36.8	Western Highlands	00206			
Regional		1985	RURAL		0. -4.99	401		1.7		82.9		41.9	Western Highlands	00206			
National		1987			0.25-2.99	2229	0.1	1.3	2.7	30.1	57.7	8.5	33.2		00427		
					0.25-2.99	242	0.0	2.1	2.5	34.3	67.4	5.0	38.0			Central region	
					0.25-2.99	441	0.0	1.4	2.7	17.5	44.2	6.8	22.0			Guatemala region	
					0.25-2.99	337	0.3	0.9	4.5	49.9	77.7	14.2	45.4			Nor Occidental region	
					0.25-2.99	226	0.0	0.9	3.5	19.0	42.9	6.2	26.5			Nor Oriental region	
					0.25-2.99	191	0.0	0.0	2.1	24.6	49.7	8.4	25.1			Norte region	
					0.25-2.99	551	0.0	2.0	2.0	34.7	62.8	8.5	39.6			Sur Occidental region	
					0.25-2.99	241	0.4	0.8	1.2	26.6	53.9	8.7	29.5			Sur Oriental region	
					0.25-0.49	224	0.0	0.4	15.2	4.5	20.1	1.8	4.07				
					0.50-0.99	437	0.0	0.7	3.7	15.3	38.7	4.3	19.5				
					1	779	0.1	2.8	0.8	37.5	69.4	10.8	44.2				
					2	789	0.1	0.4	0.4	38.5	67.5	10.6	38.3				
					URBAN	0.25-2.99	623	0.0	1.3	3.0	22.2	47.0	6.4			25.2	
					RURAL	0.25-2.99	1606	0.1	1.3	2.5	33.3	62.0	9.2			36.2	
					M	0.25-2.99	1102	0.1	1.1	2.7	29.2	58.7	8.2			32.4	
					M	0.25-0.49	115	0.0	0.9	14.8	5.2	21.7	2.6			4.3	
					M	0.50-0.99	215	0.0	0.0	2.3	18.6	42.8	3.7			20.5	
					M	1	384	0.0	2.3	1.0	37.2	70.8	11.7			44.3	
					M	2	388	0.3	0.5	0.8	34.5	66.6	8.8			35.8	
					F	0.25-2.99	1127	0.1	1.5	2.7	30.9	56.7	8.9			33.9	
F	0.25-0.49	109	0.0	0.0	15.6	3.7	18.3	0.9	3.7								
F	0.50-0.99	222	0.0	1.4	5.0	12.2	34.7	5.0	18.5								
F	1	395	0.3	3.3	0.5	37.7	68.1	9.9	44.1								
F	2	401	0.0	0.3	0.0	42.3	68.5	12.3	40.8								
Regional			RURAL		0. -4.99	1575		8.2		62.2		58.3	Western Highlands	00206			
			RURAL		1. -4.99	495		4.2		81.8		51.7	Western Highlands				

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	Months	Year			group (years)	size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE					
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD		
Regional		1988	RURAL		0. -4.99	1854			1.6				62.9		34.5	Western Highlands	00206
National	JUN-DEC	1995			0. -4.99	7768	0.8	3.3	4.0	23.5	49.7	5.9	26.6				01672
					0. -4.99	845	0.9	4.7	2.6	20.8	45.7	7.0	27.0			Central	
					0. -4.99	1992	1.0	3.3	4.1	12.1	33.5	3.8	18.3			Metropolitana	
					0. -4.99	1100	0.3	2.2	7.2	41.4	69.9	7.6	34.9			Nor-Occidente	
					0. -4.99	640	0.9	3.9	2.8	18.0	43.9	6.3	23.1			Nor-Oriente	
					0. -4.99	741	0.5	2.7	2.4	21.0	55.3	5.0	24.9			Norte	
					0. -4.99	1693	1.0	3.5	4.6	32.1	59.5	7.4	32.9			Sur-Occidente	
					0. -4.99	756	0.7	2.6	2.0	18.3	45.4	5.3	26.4			Sur-Oriente	
					0. -0.49	788	0.3	1.4	15.2	3.1	11.5	0.7	3.3				
					0.50-0.99	874	1.0	2.9	7.4	9.5	32.5	3.2	18.5				
					1	1654	1.2	6.1	2.7	25.6	57.2	8.6	35.2				
					2	1539	1.0	3.8	1.3	30.8	57.3	9.6	35.4				
					3	1510	0.7	2.8	1.2	28.2	56.7	5.7	27.1				
					4	1403	0.3	1.1	3.1	28.2	57.4	3.5	24.4				
						URBAN	0. -4.99	2505	0.8	2.7	3.7	12.8	35.3	3.4	18.2		
						RURAL	0. -4.99	5263	0.8	3.5	4.1	28.6	56.6	7.1	30.6		
						M	0. -4.99	3939	0.9	3.6	4.0	23.8	50.4	6.3	25.9		
						M	0. -0.49	415	0.2	1.0	16.0	2.9	13.0	0.6	3.0		
						M	0.50-0.99	426	1.1	3.4	8.7	12.4	37.8	3.5	21.0		
						M	1	803	1.5	7.3	2.0	28.0	59.0	11.4	37.1		
						M	2	789	0.9	4.0	1.3	31.0	56.0	9.6	33.1		
	M	3	817	1.0	3.1	1.1	26.3	56.7	4.9	24.6							
	M	4	690	0.4	1.3	2.7	27.2	56.5	3.5	22.8							
	F	0. -4.99	3829	0.7	2.9	4.0	23.3	49.1	5.5	27.3							
	F	0. -0.49	373	0.3	1.8	14.4	3.3	9.8	0.8	3.6							
	F	0.50-0.99	448	1.0	2.3	6.1	6.7	27.3	3.0	16.0							
	F	1	852	0.9	5.0	3.4	23.3	55.6	6.1	33.3							
	F	2	750	1.1	3.5	1.4	30.6	58.5	9.7	37.8							
	F	3	693	0.4	2.4	1.2	30.6	56.6	6.6	30.1							
	F	4	714	0.3	0.9	3.6	29.3	58.3	3.5	25.9							
National	NOV-MAY	1998-99			0. -4.99	3591	0.9	2.5	4.4	21.2	46.4	4.7	24.2			02082	

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	Months	Year			group (years)	size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE				
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD	-2SD			
National	NOV-MAY	1998-99			0. -4.99	361	0.4	2.5	3.3	20.1	45.5	4.3	21.7	Central	02082	
					0. -4.99	1039	1.4	2.3	5.1	10.6	28.6	3.2	18.9	Metropolitana		
					0. -4.99	395	0.4	2.5	5.1	39.3	69.2	7.0	33.4	Nor-Occidente		
					0. -4.99	316	2.9	5.8	3.6	24.0	49.1	7.3	29.1	Nor-Oriente		
					0. -4.99	281	0.0	0.3	4.7	21.9	56.7	3.9	19.4	Norte		
					0. -4.99	116	0.2	1.7	4.0	15.1	46.2	2.8	19.8	Petén		
					0. -4.99	751	0.5	2.7	4.1	28.1	54.8	6.6	29.4	Sur-Occidente		
					0. -4.99	331	0.9	1.9	3.7	17.2	45.6	1.9	21.4	Sur-Oriente		
					0. -0.49	314	0.0	1.5	19.4	1.6	15.3	0.6	3.3			
					0.50-0.99	370	1.9	3.4	8.0	8.3	25.7	3.8	19.9			
					1	730	2.7	5.6	1.9	24.0	53.1	9.0	32.8			
					2	736	0.5	1.4	1.4	21.7	50.3	6.4	25.8			
					3	739	0.1	1.7	2.1	29.7	58.6	3.4	26.2			
					4	702	0.3	1.4	3.8	24.3	47.2	2.3	22.9			
					URBAN	0. -4.99	1311	0.7	2.0	4.8	10.3	32.4	1.8	15.6		
					RURAL	0. -4.99	2280	1.1	2.8	4.1	27.4	54.4	6.4	29.1		
					M	0. -4.99	1847	1.3	2.6	4.1	21.6	47.6	5.0	25.7		
					M	0. -0.49	145	0.0	0.5	19.7	1.1	16.5	0.0	2.6		
					M	0.50-0.99	206	3.2	3.8	4.2	12.1	29.7	5.7	22.8		
					M	1	365	4.3	7.4	2.1	29.6	57.6	12.2	41.1		
					M	2	376	0.0	0.8	1.1	22.0	52.4	6.6	26.7		
					M	3	372	0.0	0.6	1.9	27.1	57.3	1.8	24.0		
					M	4	383	0.4	2.0	5.0	20.9	45.3	1.3	22.0		
					F	0. -4.99	1744	0.6	2.4	4.7	20.8	45.1	4.4	22.5		
					F	0. -0.49	169	0.0	2.3	19.0	2.0	14.3	1.0	3.8		
					F	0.50-0.99	164	0.3	2.8	12.7	3.6	20.7	1.5	16.2		
					F	1	365	1.1	3.8	1.8	18.3	48.6	5.8	24.5		
					F	2	360	1.1	2.0	1.7	21.3	48.1	6.1	24.7		
F	3	368	0.2	2.9	2.3	32.3	59.9	4.9	28.4							
F	4	320	0.1	0.6	2.5	28.4	49.5	3.5	24.1							
National	JUL-DEC	2000			0. -4.99	5415	0.9	2.8	5.4	22.3	44.2	5.1	22.3		02562	
					0. -4.99		0.3	2.2	5.1	18.9	41.8	2.3	15.7	Central		
					0. -4.99		0.3	2.2	7.8	11.9	30.3	1.1	9.4	Metropolitana		

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	Months	Year			group (years)	size	WEIGHT/HEIGHT			HEIGHT/AGE		WEIGHT/AGE				
							-3SD	-2SD	+2SD	-3SD	-2SD	-3SD			-2SD	
National	JUL-DEC	2000			0. -4.99		1.0	2.5	5.7	35.2	60.6	7.5	29.2	Nor-Occidente	02562	
					0. -4.99		2.4	4.6	4.7	17.0	34.2	6.5	22.0	Nor-Oriente		
					0. -4.99		1.1	2.8	2.9	21.5	47.0	5.5	23.6	Norte		
					0. -4.99		0.5	1.5	4.8	13.0	36.9	2.4	14.4	Petén		
					0. -4.99		1.1	3.1	5.1	28.4	50.1	7.4	30.8	Sur-Occidente		
					0. -4.99		0.3	3.3	4.9	18.1	41.4	5.1	20.0	Sur-Oriente		
					0. -0.49			2.0	9.6		12.1		1.2			
					0.50-0.99			3.3	5.4		22.3		15.1			
					1			5.3	7.8		49.8		30.4			
					2			2.8	3.5		50.1		30.0			
					3			1.1	4.4		51.8		24.4			
					4			2.3	3.8		52.5		19.1			
					URBAN		0. -4.99	0.5	2.4	7.2	12.9	31.2	1.6	11.3		
					RURAL		0. -4.99	1.1	3.1	4.5	26.8	50.5	6.8	27.5		
					M		0. -4.99		3.4	5.5		43.6		21.0		
					M		0. -0.49		2.3	9.6		11.5		0.7		
					M		0.50-0.99		2.7	5.2		24.4		15.8		
					M		1		6.2	9.4		49.2		27.9		
					M		2		3.6	2.5		48.6		30.7		
					M		3		1.4	4.1		51.9		22.0		
					M		4		3.1	4.0		52.0		17.7		
					F		0. -4.99		2.3	5.2		44.9		23.7		
					F		0. -0.49		1.7	9.7		12.9		1.8		
					F		0.50-0.99		4.0	5.7		20.2		14.4		
					F		1		4.3	6.1		50.4		33.1		
					F		2		2.0	4.4		51.6		29.4		
		F		3		0.8	4.8		51.7		26.8					
		F		4		1.4	3.6		53.1		20.7					
National	JUL	2001			6	43340				10.7	40.2			02563		
					6. -9.99	380578				14.4	48.8					
					6. -9.99	26120				12.5	49.2		Alta Verapaz			
					6. -9.99	9163				14.5	51.7		Baja Verapaz			
					6. -9.99	15187				18.8	60.3		Chimaltenango			

