

BRAZIL

Admin. 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			
Regional		1986			0. -5.00	1052	3.1	9.7	12.5	34.0	0.5	2.0	26.5	5.0	0.7	0.5	1.7	30.7	6.7	0.9	Nordeste	00220	
					0. -0.49	96	5.5	11.9	6.6	17.0	1.9	10.4	23.6	3.8	0.0	1.9	9.4	15.1	1.9	0.0			
					0.50-0.99	114	7.0	10.1	7.9	24.4	0.0	3.9	29.9	9.4	1.6	1.6	3.9	33.9	7.1	2.4			
					1. -1.99	202	4.8	11.4	16.4	40.7	1.3	2.2	30.2	6.2	0.4	0.4	1.3	36.4	11.1	1.3			
					2. -2.99	210	2.1	7.6	14.6	33.9	0.0	0.0	27.4	4.3	1.3	0.0	0.0	34.8	6.9	1.3			
					3. -3.99	225	1.2	11.0	15.1	40.6	0.0	0.4	24.3	4.8	0.8	0.0	0.4	32.3	7.6	0.8			
					4. -5.00	205	1.3	7.8	9.0	33.3	0.4	0.9	23.6	3.1	0.0	0.4	0.4	24.5	3.1	0.0			
					URBAN	0. -5.00	512	2.4	8.5	8.1	27.3	0.7	2.1	27.3	5.9	0.9	0.5	1.6	31.0	6.8			1.2
					RURAL	0. -5.00	540	3.8	11.0	16.7	40.5	0.3	2.0	25.6	4.2	0.5	0.5	1.8	30.3	6.5			0.7
					M	0. -5.00	520	3.4	9.2	13.2	36.9	0.7	2.2	29.8	5.9	0.7	0.7	2.1	34.8	7.6			0.9
					M	0. -0.49	45	2.0	9.8	6.0	16.0	2.0	8.0	20.0	4.0	0.0	2.0	8.0	10.0	2.0			0.0
					M	0.50-0.99	57	9.4	12.5	7.9	31.7	0.0	6.3	30.2	7.9	1.6	1.6	6.3	34.9	6.3			1.6
					M	1. -1.99	104	6.8	11.9	18.6	44.1	1.7	2.6	32.5	7.7	0.9	0.9	1.7	36.8	12.0			1.7
					M	2. -2.99	102	2.6	7.8	13.3	31.9	0.0	0.0	33.3	7.0	1.8	0.0	0.0	40.7	9.7			1.8
					M	3. -3.99	111	0.8	9.6	17.1	43.9	0.0	0.8	28.5	3.3	0.0	0.0	0.8	40.7	6.5			0.0
					M	4. -5.00	102	0.9	5.2	9.5	38.8	0.9	0.9	28.9	5.3	0.0	0.9	0.9	31.6	5.3			0.0
					F	0. -5.00	532	2.8	10.3	11.8	31.1	0.3	1.9	23.2	4.2	0.7	0.3	1.4	26.6	5.8			1.0
					F	0. -0.49	51	8.6	13.8	7.1	17.9	1.8	12.5	26.8	3.6	0.0	1.8	10.7	19.6	1.8			0.0
					F	0.50-0.99	57	4.6	7.7	7.8	17.2	0.0	1.6	29.7	10.9	1.6	1.6	1.6	32.8	7.8			3.1
					F	1. -1.99	97	2.7	10.9	13.9	37.0	0.9	1.9	27.8	4.6	0.0	0.0	0.9	36.1	10.2			0.9
F	2. -2.99	109	1.6	7.3	15.8	35.8	0.0	0.0	21.7	1.7	0.8	0.0	0.0	29.2	4.2	0.8							
F	3. -3.99	114	1.6	12.4	13.3	37.5	0.0	0.0	20.3	6.3	1.6	0.0	0.0	24.2	8.6	1.6							
F	4. -5.00	103	1.7	10.3	8.5	28.0	0.0	0.9	18.3	0.9	0.0	0.0	0.0	17.4	0.9	0.0							
National		1989	URBAN	0. -5.00	7276	1.1	5.3	6.0	19.4						0.7	2.2	31.7	8.3	1.3	00234			
				0. -0.99	1323	2.0	7.1	5.5	12.2							1.8	5.9	27.6	8.5		1.8		
				1. -1.99	1530	1.2	4.5	6.9	20.6							0.3	1.2	40.6	13.1		1.1		
				2. -2.99	1387	1.5	5.0	6.8	21.2							0.4	1.5	40.1	9.3		2.1		
				3. -3.99	1549	0.9	5.7	6.4	21.9							0.6	1.8	28.8	6.2		1.0		
				4. -5.00	1487	0.1	4.2	4.2	20.4							0.3	0.9	21.5	4.3		0.7		
				0. -5.00	3801	1.0	4.2	4.4	15.7							0.5	2.2	32.9	8.9		1.4		

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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		1989	RURAL		0. -5.00	3475	1.4	7.7	9.5	27.7							1.0	2.2	28.9	6.9	1.2		00234		
					M	0. -5.00	3706	1.4	5.3	6.5	20.9								0.9	2.5	32.6			9.2	1.6
					M	0. -0.99	675	2.6	7.7	7.4	15.3								2.4	7.1	29.6			11.1	2.8
					M	1. -1.99	769	1.7	5.6	8.4	24.1								0.4	1.6	38.6			15.3	1.3
					M	2. -2.99	713	1.6	4.5	7.5	22.4								0.5	1.2	39.9			10.2	2.3
					M	3. -3.99	780	1.3	5.2	5.6	22.6								1.1	2.5	29.5			5.8	1.0
					M	4. -5.00	769	0.1	4.0	3.9	19.9								0.4	0.8	26.1			4.5	0.8
					F	0. -5.00	3570	0.8	5.2	5.4	17.8								0.4	1.9	30.7			7.3	1.0
					F	0. -0.99	648	1.3	6.5	3.6	9.2								1.3	4.8	25.6			6.0	0.9
					F	1. -1.99	761	0.7	3.5	5.6	17.5								0.3	0.9	42.4			11.2	1.0
					F	2. -2.99	674	1.5	5.4	6.0	19.9								0.3	1.9	40.3			8.4	1.8
					F	3. -3.99	769	0.5	6.3	7.2	21.3								0.0	1.0	28.1			6.6	1.0
					F	4. -5.00	718	0.2	4.6	4.6	21.0								0.2	1.1	16.5			4.1	0.6
National		1996			0. -5.00	4145	1.0	4.5	3.9	13.5	1.0	2.8	25.7	6.6	1.6	1.0	2.8	28.1	7.4	1.7		01680			
						0. -5.00	505	0.5	4.2	1.1	9.1	0.5	1.5	23.5	7.9	1.7	0.7	2.0	25.1	7.9			1.9	Centro Leste	
						0. -5.00	284	0.0	1.7	0.9	10.9	1.1	3.3	20.1	3.5	1.1	1.4	3.1	23.7	5.4			1.1	Centro Oeste	
						0. -5.00	1410	2.0	7.0	7.2	22	1.3	4.0	24.4	6.7	1.4	1.4	4.0	28.1	8.2			1.6	Nordeste	
						0. -5.00	226	0.4	5.9	6.3	21.5	0.6	2.8	24.0	6.6	2.0	0.4	1.8	28.8	7.1			2.0	Norte	
						0. -5.00	325	1.4	3.7	2.8	4.7	2.4	4.3	30.0	7.1	1.0	1.9	4.7	28.9	8.1			0.9	Rio de Janeiro	
						0. -5.00	778	0.8	3.6	2.2	7.3	0.5	1.9	25.7	6.3	2.7	0.3	1.9	28.3	6.5			3.0	Sao Paulo	
						0. -5.00	618	0.2	1.6	1.4	6.9	0.3	0.6	31.8	6.8	0.9	0.6	0.6	32.1	6.6			0.6	Sul	
						0. -0.49	441	0.9	2.7	4.3	8.7	2.6	6.1	25.6	8.0	1.5	2.6	5.3	24.5	5.8			1.5		
						0.50-0.99	437	2.1	5.3	3.2	11.4	2.1	4.0	32.5	9.6	2.4	2.1	4.3	30.9	9.3			2.3		
						1. -1.99	847	1.7	5.2	5.1	18.1	1.2	2.0	33.3	9.6	1.9	1.0	2.1	39.8	12.2			2.7		
						2. -2.99	834	0.6	4.3	4.5	14.7	0.8	2.5	24.7	4.2	1.1	0.8	2.6	29.8	6.1			1.0		
						3. -3.99	820	0.5	3.7	2.5	12.0	0.1	1.7	22.6	4.5	0.9	0.3	2.1	24.4	5.1			0.9		
						4. -5.00	767	0.9	5.5	3.7	13	0.3	2.2	17.7	5.4	2.2	0.3	2.0	18.5	5.8			2.0		
						URBAN	0. -5.00	3124	0.8	3.8	2.8	10.4	0.9	2.5	26.4	6.7	1.6	1.0	2.6	28.4			7.3	1.7	
	RURAL	0. -5.00	1021	1.8	6.7	7.6	23.3	1.1	3.4	23.3	6.3	1.6	1.1	3.5	27.1	7.5	1.7								
	M	0. -5.00	2095	1.0	4.8	4.7	15.4	0.9	3.0	27.1	7.4	1.8	1.0	2.9	30.1	8.0	2.1								

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							-3SD	-2SD	-3SD	-2SD	-3SD	-2SD	+1SD	+2SD	+3SD	-3SD	-2SD	+1SD	+2SD	+3SD				
National		1996		M	0. -0.49	189	1.1	2.5	4.6	11.4	2.6	6.8	26.0	9.2	2.0	2.8	5.2	23.4	5.5	2.0		01680		
				M	0.50-0.99	215	2.1	6.0	2.4	13.2	3.1	5.7	36.3	12.9	3.3	3.3	5.6	34.5	11.8	3.7				
				M	1. -1.99	438	1.5	4.9	6.5	20.9	0.7	1.9	30.5	11.4	2.4	0.8	1.7	37.0	13.5	3.6				
				M	2. -2.99	433	0.5	5.0	6.1	16.2	0.8	2.6	28.8	4.8	1.3	1.0	2.7	35.2	6.3	1.0				
				M	3. -3.99	423	0.5	4.2	3.1	13.0	0.1	1.6	26.0	4.9	0.7	0.1	2.0	28.5	6.1	0.7				
				M	4. -5.00	397	0.8	5.6	4.6	14.4	0.0	2.5	18.3	4.2	2.1	0.0	2.5	19.9	4.7	2.1				
				F	0. -5.00	2050	1.1	4.2	3.1	11.5	1.0	2.5	24.2	5.8	1.4	1.0	2.7	26.1	6.8	1.4				
				F	0. -0.49	252	0.8	2.9	4.1	6.6	2.5	5.6	25.3	7.1	1.2	2.5	5.3	25.3	6.0	1.1				
				F	0.50-0.99	222	2.1	4.7	3.9	9.7	1.0	2.4	28.8	6.5	1.6	1.0	3.1	27.5	6.9	0.9				
				F	1. -1.99	409	1.9	5.5	3.6	15.0	1.7	2.1	36.4	7.7	1.3	1.2	2.6	42.8	10.8	1.7				
				F	2. -2.99	401	0.6	3.4	2.9	13.2	0.8	2.4	20.5	3.6	0.8	0.5	2.5	24.2	5.9	1.0				
				F	3. -3.99	397	0.4	3.2	1.9	10.8	0.1	1.7	18.9	4.0	1.2	0.4	2.3	20.0	4.0	1.2				
				F	4. -5.00	370	1.0	5.5	2.7	11.4	0.6	1.8	17.1	6.7	2.2	0.6	1.6	16.9	7.0	1.9				
				National	JUL-JUN	2002-03			0. -5.00	17107	0.9	3.7												
	0. -5.00	2515	0.7					2.8																
	0. -5.00	7347	0.7					4.2																
	0. -5.00	3253	1.7					6.6																
	0. -5.00	2420	1.1					3.1																
	0. -5.00	1572	0.6					2.6																
	0. -0.49	1592	1.1					3.3																
	0.50-0.99	1591	1.8					5.6																
	1. -1.99	3134	0.7					2.5																
	2. -2.99	3562	1.2					4.3																
	3. -3.99	3612	1.0					4.1																
	4. -5.00	3616	0.3					3.0																
	URBAN	0. -5.00	12638					1.0	3.5															
	RURAL	0. -5.00	4469					0.9	4.6															
	M	0. -5.00	8708	1.1	4.3																			
	M	0. -0.49	813	2.0	4.4																			
	M	0.50-0.99	814	1.8	7.6																			

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Percentage below / above median																						
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							-3SD	-2SD	-3SD	-2SD	-3SD	-2SD	+1SD	+2SD	+3SD	-3SD	-2SD	+1SD	+2SD	+3SD		
National	NOV-MAY	2006-07		M	3. -3.99	458	0.0	2.4	2.2	5.3	0.4	1.2	34.7	8.8	1.9	0.4	1.2	33.8	9.9	1.3		02870
				M	4. -5.00	426	0.4	1.6	0.6	5.3	0.1	0.4	26.3	4.9	1.7	0.1	1.1	21.9	4.5	1.8		
				F	0. -5.00	2146	0.3	2.1	1.3	5.8	0.5	1.4	31.3	7.7	2.0	0.6	1.4	28.6	6.6	1.6		
				F	0. -0.49	219	1.3	4.2	1.7	5.7	0.6	4.4	20.3	4.0	0.8	1.8	3.2	17.6	3.6	0.6		
				F	0.50-0.99	224	0.0	1.6	0.2	5.2	2.9	2.9	35.7	9.0	1.5	2.9	2.9	36.9	8.8	0.9		
				F	1. -1.99	393	0.6	2.9	2.9	7.0	0.2	0.6	31.8	5.4	1.5	0.0	0.4	33.6	5.4	1.6		
				F	2. -2.99	415	0.1	1.6	1.7	5.8	0.0	0.3	35.7	7.7	2.4	0.2	0.8	34.6	6.3	2.2		
				F	3. -3.99	436	0.3	1.5	1.2	7.3	0.0	0.2	34.2	10.6	2.2	0.0	0.5	28.9	8.5	1.5		
				F	4. -5.00	459	0.1	1.8	0.3	4.1	0.1	1.4	27.8	7.9	2.7	0.1	1.6	20.4	6.1	1.9		