

**VIET NAM**

VIET NAM																							
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			
National		1983-84			0. -4.99	11809		47.0		64.1		8.5								Converted estimates	00336		
National		1987-89			0. -4.99	7044		40.7		61.3		11.1								Converted estimates	00349		
National	SEP-OCT	1992-93			0. -5.00	2833	9.7	36.9	29.5	61.4	1.3	6.7	8.5	2.8	1.0	1.0	4.7	11.6	3.1	0.7	01591		
					0. -5.00	129	17.1	45.0	38.6	61.4	1.6	6.2	4.7	2.3	1.6	2.3	5.4	6.2	2.3	0.8	Central Highlands		
					0. -5.00	325	8.0	38.8	30.8	56.0	0.9	7.7	10.8	3.7	1.2	0.3	4.0	13.2	4.3	0.6	Central Coast		
					0. -5.00	538	9.3	32.5	24.9	55.5	1.1	8.1	7.7	3.9	1.3	1.5	4.9	11.4	3.7	1.1	Mekong Delta		
					0. -5.00	421	11.9	41.1	37.3	69.4	1.7	4.1	8.6	2.2	0.7	1.0	3.6	14.1	2.9	0.7	North Central		
					0. -5.00	513	10.9	40.5	36.1	70.3	2.0	7.2	10.4	3.1	0.8	1.2	5.9	15.4	4.1	0.8	Northern Uplands		
					0. -5.00	598	9.0	38.6	27.8	66.3	1.0	6.0	6.5	2.0	0.8	1.0	4.0	7.2	1.7	0.5	Red River Delta		
					0. -5.00	309	5.2	23.6	13.7	42.3	1.0	7.5	9.7	2.3	1.0	0.3	5.5	11.0	2.6	0.0	Southeast		
					0. -0.49	242	7.0	16.9	13.2	31.9	3.4	9.3	26.3	12.7	6.8	3.3	10.4	17.0	7.1	1.7			
					0.50-0.99	258	4.7	18.6	16.0	35.8	2.3	8.1	18.2	8.9	1.9	2.7	8.1	16.7	7.0	0.8			
					1. -1.99	502	9.0	35.9	38.5	65.3	1.6	7.4	7.2	1.6	0.4	0.6	4.4	15.2	3.4	0.4			
					2. -2.99	582	10.5	39.3	38.4	70.3	1.4	5.0	7.7	1.5	0.3	1.0	3.1	15.1	3.4	1.0			
					3. -3.99	589	11.9	41.8	30.8	68.7	0.0	5.1	4.6	0.7	0.0	0.0	2.9	8.2	1.9	0.3			
					4. -5.00	660	10.5	45.5	24.7	64.9	1.1	7.6	3.5	0.9	0.5	0.8	4.4	4.7	0.8	0.5			
			URBAN		0. -5.00	428	5.1	28.3	15.1	45.6	0.7	6.6	9.4	2.3	0.9	0.7	4.2	12.0	3.1	0.2			
			RURAL		0. -5.00	2405	10.5	38.4	32.0	64.2	1.4	6.7	8.3	2.9	1.0	1.1	4.8	11.5	3.1	0.8			
				M	0. -5.00	1440	10.3	38.0	31.3	61.4	1.6	7.5	8.4	3.2	1.3	1.4	5.3	11.5	3.5	0.6			
				M	0. -0.49	122	8.2	21.3	17.1	35.9	5.0	10.1	29.4	16.8	10.9	4.9	14.8	19.7	8.2	1.6			
				M	0.50-0.99	135	7.4	23.7	20.7	39.3	4.4	11.9	17.0	9.6	1.5	4.4	11.1	16.3	7.4	1.5			
				M	1. -1.99	247	10.5	35.2	40.4	65.3	1.6	8.1	8.9	1.6	0.4	1.2	5.7	16.6	4.5	0.4			
				M	2. -2.99	295	12.9	41.4	39.0	72.4	1.0	5.1	7.1	0.7	0.0	1.0	2.7	13.9	3.4	0.3			
				M	3. -3.99	293	9.9	43.0	34.0	67.4	0.0	4.8	2.7	1.0	0.0	0.0	2.0	6.8	2.0	0.3			
				M	4. -5.00	348	10.1	44.3	25.1	61.6	1.2	8.9	3.5	1.2	0.6	0.6	4.3	4.9	0.9	0.6			
				F	0. -5.00	1393	9.0	35.7	27.6	61.5	1.0	5.8	8.6	2.5	0.7	0.6	4.0	11.7	2.7	0.7			
				F	0. -0.49	120	5.8	12.5	9.3	28.0	1.7	8.5	23.1	8.5	2.6	1.7	5.9	14.3	5.9	1.7			
				F	0.50-0.99	123	1.6	13.0	10.7	32.0	0.0	4.1	19.5	8.1	2.4	0.8	4.9	17.1	6.5	0.0			
				F	1. -1.99	255	7.5	36.5	36.6	65.4	1.6	6.7	5.5	1.6	0.4	0.0	3.2	13.8	2.4	0.4			
				F	2. -2.99	287	8.0	37.3	37.8	68.2	1.7	4.9	8.4	2.4	0.7	1.0	3.5	16.4	3.5	1.7			

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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	SEP-OCT	1992-93		F	3. -3.99	296	13.9	40.5	27.6	70.0	0.0	5.4	6.5	0.3	0.0	0.0	3.7	9.5	1.7	0.3		01591	
				F	4. -5.00	312	10.9	46.8	24.3	68.6	1.0	6.1	3.5	0.6	0.3	1.0	4.5	4.5	0.6	0.3			
National	AUG-OCT	1994			0. -4.99	37764		40.6		52.5		13.5									Converted estimates	01443	
National	AUG-NOV	1998			0. -4.99	12919		35.8		42.1		11.9		1.4							Converted estimates	01897	
National		1999			0. -5.00	1540	7.9	31.1	17.4	43.7	2.8	11.0	6.8	1.8	0.5	2.6	9.1	8.7	2.2	0.5	Surveillance data - weighted	02951	
					0. -4.99	93469		32.8		44.8		11.6		2.0							Converted estimates	01997	
					0. -0.49	108	4.9	15.3	9.8	22.4	3.1	10.4	19.3	6.9	2.7	3.5	11.9	12.7	3.7	0.8		02951	
					0.50-0.99	188	5.2	18.9	10.2	27.5	3.1	10.2	10.8	3.0	0.7	3.8	11.7	10.6	2.9	0.7			
					1. -1.99	378	6.9	27.5	18.1	44.8	3.0	11.2	6.3	1.5	0.4	2.7	8.8	10.6	2.6	0.6			
					2. -2.99	323	8.6	34.8	20.0	49.2	2.8	10.6	5.0	1.1	0.2	2.6	8.5	8.4	2.1	0.5			
					3. -3.99	295	9.6	37.3	19.7	49.9	2.3	10.8	4.6	1.0	0.3	1.9	7.9	7.0	1.7	0.4			
					4. -5.00	249	10.1	40.6	18.6	49.2	2.4	11.7	3.6	0.8	0.2	2.0	8.8	4.8	1.1	0.2			
				M	0. -5.00	780	8.3	31.9	18.9	45.4	3.2	12.0	7.2	2.0	0.6	2.8	9.5	9.5	2.5	0.6			
				M	0. -0.49	55	5.9	17.2	11.8	25.9	3.3	10.8	21.5	7.6	2.7	3.7	12.6	13.5	4.1	0.9			
				M	0.50-0.99	96	6.5	22.0	12.5	30.5	3.8	11.2	11.0	3.1	0.9	4.4	12.9	11.2	3.0	0.9			
				M	1. -1.99	192	8.0	30.6	21.3	48.7	3.3	12.4	6.2	1.6	0.4	3.0	9.6	11.1	2.8	0.7			
				M	2. -2.99	163	8.7	35.1	21.9	50.6	3.1	12.2	5.5	1.4	0.3	2.6	8.8	9.5	2.6	0.6			
				M	3. -3.99	150	9.5	35.8	19.8	49.8	2.7	11.7	5.1	1.1	0.3	2.0	7.6	8.1	2.0	0.6			
				M	4. -5.00	124	9.2	38.9	18.2	48.4	2.8	12.3	4.0	1.1	0.2	2.1	8.6	5.7	1.6	0.3			
				F	0. -5.00	760	7.6	30.3	15.8	42.0	2.4	9.9	6.3	1.6	0.4	2.4	8.7	7.8	1.9	0.4			
				F	0. -0.49	53	3.9	13.3	7.8	18.9	2.8	9.9	17.1	6.2	2.6	3.3	11.2	11.9	3.4	0.7			
				F	0.50-0.99	91	3.8	15.5	7.7	24.3	2.4	9.1	10.5	2.8	0.5	3.2	10.5	9.9	2.8	0.5			
				F	1. -1.99	186	5.7	24.2	14.8	40.8	2.7	9.8	6.4	1.4	0.4	2.4	8.0	10.1	2.4	0.5			
				F	2. -2.99	159	8.5	34.4	18.1	47.7	2.4	9.1	4.5	0.7	0.2	2.5	8.1	7.2	1.7	0.4			
				F	3. -3.99	145	9.7	38.8	19.7	50.0	1.9	9.9	4.0	1.0	0.2	1.8	8.2	5.9	1.4	0.2			
				F	4. -5.00	125	11.0	42.2	19.1	49.9	2.1	11.2	3.2	0.5	0.1	1.8	8.9	3.8	0.6	0.1			
National		2000			0. -5.00	3041	5.9	26.7	16.3	43.4	1.0	6.1	7.0	2.5	0.8	0.9	4.7	9.3	2.8	0.8		02780	
					0. -5.00	454	5.9	32.9	20.5	52.7	1.0	5.4	6.0	0.8	0.6	0.8	4.1	8.3	1.3	0.6	BTB		
					0. -5.00	490	8.8	30.6	28.0	57.8	1.2	2.8	10.5	4.3	1.4	1.2	2.3	13.4	3.1	0.6	DB		
					0. -5.00	539	5.9	24.6	9.5	32.0	1.1	9.9	2.9	0.6	0.0	1.5	7.3	4.1	0.4	0.0	DBSCL		

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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		2000			0. -5.00	492	2.2	19.6	11.4	39.1	1.1	4.4	10.9	5.1	2.2	0.7	4.4	12.3	6.9	2.2	DBSH DHNTB DNB TB TN	02780				
					0. -5.00	317	5.2	25.2	14.0	39.8	0.5	5.3	4.9	1.0	0.2	0.5	4.2	7.2	1.4	0.7						
					0. -5.00	458	5.7	22.2	9.6	33.9	0.3	6.4	6.2	3.1	0.6	0.0	4.2	8.9	2.8	0.6						
					0. -5.00	105	7.3	31.5	24.8	49.1	3.3	9.7	9.8	3.8	0.7	3.3	8.5	15.4	4.5	1.4						
					0. -5.00	186	9.0	36.6	23.7	53.4	1.0	9.0	5.7	1.6	0.4	0.6	5.0	8.0	2.3	0.6						
									0. -4.99	94469		30.1		42.7		10.3		4.6							Converted estimates	02248 02780
									0. -0.49	254	2.8	8.1	9.0	17.2	0.8	7.8	20.2	11.8	3.3	1.7	7.1	15.7	6.3	1.5		
									0.50-0.99	286	5.8	12.7	7.9	29.0	1.5	5.9	12.9	4.0	2.4	0.9	6.2	11.9	2.8	1.4		
									1. -1.99	519	6.7	27.5	21.4	47.5	1.1	7.4	7.4	1.1	0.7	0.7	5.1	13.1	3.5	1.0		
									2. -2.99	627	6.7	29.2	20.9	50.5	0.9	4.4	6.7	2.6	0.7	0.6	3.4	10.3	3.7	1.3		
									3. -3.99	659	5.7	30.0	18.5	47.8	1.2	6.0	3.0	0.4	0.1	1.1	3.9	6.9	1.1	0.1		
									4. -5.00	696	6.0	33.1	12.4	45.0	0.7	6.3	3.6	1.6	0.2	0.7	4.7	4.3	1.6	0.2		
								URBAN	0. -5.00	566	3.6	16.2	7.1	23.9	1.1	7.2	10.4	4.8	1.1	1.2	4.9	11.9	4.9	1.3		
								RURAL	0. -5.00	2475	6.4	29.1	18.4	47.9	1.0	5.9	6.2	2.0	0.8	0.8	4.6	8.7	2.3	0.7		
								M	0. -5.00	1541	5.9	26.6	15.5	44.2	1.2	7.1	7.2	2.5	1.0	1.1	5.3	9.6	2.8	0.7		
								M	0. -0.49	121	2.0	8.0	8.2	21.0	0.2	7.5	25.2	15.3	4.9	1.8	8.2	19.9	8.3	1.1		
								M	0.50-0.99	139	6.7	15.5	7.1	30.8	1.1	4.3	12.3	4.6	2.3	0.3	5.2	11.4	3.1	1.8		
								M	1. -1.99	271	5.9	28.1	21.7	51.8	1.2	10.0	8.2	1.6	1.3	1.2	6.7	14.3	4.9	1.6		
								M	2. -2.99	317	7.1	31.0	18.2	52.2	0.8	5.8	5.2	1.0	0.4	0.6	5.0	8.4	2.0	0.2		
								M	3. -3.99	336	5.4	29.6	19.4	47.0	2.2	6.8	3.5	0.3	0.1	1.6	3.9	8.0	1.1	0.1		
			M	4. -5.00	358	6.5	29.4	10.6	41.7	0.9	7.4	3.5	1.4	0.5	0.9	4.7	4.4	1.4	0.5							
			F	0. -5.00	1500	5.9	26.7	17.1	42.5	0.8	5.1	6.8	2.6	0.6	0.7	4.1	8.9	2.8	0.9							
			F	0. -0.49	133	3.5	8.2	9.8	13.8	1.3	8.0	15.7	8.5	1.8	1.6	6.1	12.0	4.5	1.9							
			F	0.50-0.99	148	4.9	10.1	8.6	27.3	1.8	7.3	13.4	3.4	2.5	1.6	7.1	12.3	2.5	1.1							
			F	1. -1.99	248	7.5	26.8	21.0	42.8	0.9	4.6	6.4	0.5	0.0	0.2	3.3	11.7	2.0	0.4							
			F	2. -2.99	310	6.3	27.3	23.7	48.9	1.1	3.0	8.2	4.3	1.1	0.6	1.8	12.2	5.4	2.5							
			F	3. -3.99	323	6.0	30.5	17.5	48.7	0.1	5.2	2.4	0.5	0.0	0.6	3.9	5.8	1.2	0.0							
			F	4. -5.00	338	5.5	37.1	14.3	48.5	0.5	5.3	3.7	1.9	0.0	0.5	4.7	4.2	1.9	0.0							
National					0. -5.00	1579	7.1	29.9	17.0	42.8	2.7	10.7	8.2	2.3	0.7	2.5	8.7	10.3	2.8	0.8	Surveillance data - weighted	02951				
					0. -0.49	132	3.0	10.7	6.8	17.6	3.4	8.9	22.4	7.6	2.6	2.8	9.2	17.0	4.7	1.1						

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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			
National		2000			0.50-0.99	216	3.6	16.4	8.9	25.9	2.8	9.7	12.6	3.5	1.1	3.2	10.4	12.5	3.5	1.0		02951	
					1. -1.99	354	6.3	27.5	19.4	45.8	2.7	10.7	7.3	1.9	0.5	2.4	7.9	11.9	3.2	0.8			
					2. -2.99	322	8.8	35.3	21.4	49.7	2.9	10.9	5.9	1.6	0.5	2.6	8.6	10.2	2.8	0.8			
					3. -3.99	290	8.8	36.6	19.3	49.7	2.4	10.7	5.6	1.5	0.4	2.1	7.8	8.3	2.2	0.7			
					4. -5.00	265	8.9	39.9	17.6	48.9	2.4	12.3	4.3	1.1	0.4	1.9	9.4	5.4	1.5	0.5			
					M	0. -5.00	933	7.7	31.6	19.0	45.0	3.0	11.7	8.4	2.4	0.8	2.6	9.1	10.9	3.0			0.9
					M	0. -0.49	80	3.8	12.9	7.9	19.8	3.3	9.4	23.3	7.7	2.6	3.0	9.9	17.4	4.9			1.1
					M	0.50-0.99	129	4.4	19.5	10.3	28.5	3.5	11.3	12.7	3.6	1.0	3.9	11.8	12.8	3.7			0.9
					M	1. -1.99	210	7.4	30.2	22.5	49.8	3.1	12.0	7.2	1.9	0.6	2.7	8.6	12.4	3.3			0.9
					M	2. -2.99	191	9.3	37.1	24.3	52.7	3.1	11.6	6.0	1.5	0.5	2.5	8.7	10.7	2.9			0.9
					M	3. -3.99	169	9.3	37.0	20.4	50.5	2.7	11.8	5.9	1.5	0.4	2.3	7.7	9.3	2.4			0.8
					M	4. -5.00	153	9.0	40.3	19.1	50.0	2.5	12.9	4.5	1.3	0.6	1.7	9.3	6.1	1.7			0.8
					F	0. -5.00	646	6.2	27.6	14.1	39.5	2.3	9.3	7.8	2.3	0.7	2.2	8.1	9.4	2.6			0.7
					F	0. -0.49	51	1.8	7.4	5.0	14.1	3.4	8.2	21.1	7.5	2.6	2.4	8.1	16.4	4.5			1.1
					F	0.50-0.99	87	2.5	11.8	6.8	22.2	1.8	7.3	12.4	3.4	1.2	2.1	8.2	12.2	3.3			1.1
					F	1. -1.99	144	4.8	23.5	14.9	40.0	2.2	8.8	7.3	2.1	0.4	2.0	6.8	11.3	3.1			0.7
					F	2. -2.99	131	8.1	32.6	17.1	45.4	2.6	9.9	5.8	1.6	0.4	2.7	8.5	9.4	2.7			0.7
F	3. -3.99	121	8.1	36.1	17.6	48.5	2.0	9.2	5.3	1.4	0.4	1.8	8.0	7.0	1.8	0.5							
F	4. -5.00	112	8.8	39.4	15.6	47.6	2.4	11.5	3.9	0.9	0.2	2.2	9.5	4.3	1.1	0.2							
National		2002			0. -5.00	1529	5.1	23.4	13.8	37.5	2.4	8.9	9.3	2.6	0.8	2.2	7.6	11.6	3.3	0.9	Surveillance data - weighted		
					0. -0.49	115	2.9	10.3	6.9	16.4	3.7	9.5	22.3	7.9	2.8	3.2	9.5	16.8	5.7	1.7			
					0.50-0.99	203	2.4	12.9	8.1	22.4	2.4	8.5	14.7	4.2	1.1	2.8	9.2	14.2	4.2	1.1			
					1. -1.99	379	4.8	20.8	15.8	40.7	2.6	8.4	9.3	2.2	0.6	2.3	6.7	15.2	3.7	1.0			
					2. -2.99	320	6.3	27.4	17.3	43.9	2.2	8.6	7.0	1.8	0.5	2.2	7.2	11.0	3.2	0.9			
					3. -3.99	260	6.1	28.7	14.9	43.5	1.8	8.8	6.0	1.7	0.4	1.6	6.7	8.4	2.4	0.7			
					4. -5.00	254	6.1	31.4	13.2	40.0	2.2	10.2	5.2	1.5	0.5	1.8	8.1	6.1	1.7	0.6			
					M	0. -5.00	787	5.2	23.9	14.9	38.8	2.6	9.5	9.8	2.8	0.9	2.4	7.8	12.7	3.7		1.1	
					M	0. -0.49	61	3.5	12.1	7.6	18.3	4.2	10.0	22.7	8.1	2.9	3.6	10.4	17.5	5.8		1.7	
					M	0.50-0.99	103	2.8	15.0	9.4	25.5	2.6	9.2	15.5	4.4	1.2	2.8	10.0	15.3	4.5		1.1	
					M	1. -1.99	199	5.6	23.4	18.3	43.8	2.9	9.4	9.6	2.5	0.7	2.6	7.3	16.2	4.2		1.2	

**VIET NAM**

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			
National		2002		M	2. -2.99	166	6.4	27.6	18.2	45.3	2.4	9.2	7.4	2.0	0.6	2.1	7.1	11.8	3.6	1.0		02951	
				M	3. -3.99	131	5.7	27.0	15.3	42.6	2.1	9.1	6.7	1.9	0.5	1.7	6.3	9.6	2.9	0.9			
				M	4. -5.00	129	5.6	29.4	12.6	38.9	2.3	10.4	5.7	1.8	0.6	2.0	7.9	7.2	2.1	0.9			
				F	0. -5.00	742	5.0	23.0	12.7	36.2	2.1	8.3	8.7	2.3	0.7	2.1	7.4	10.5	2.8	0.8			
				F	0. -0.49	54	2.3	8.3	6.1	14.4	3.2	8.9	21.8	7.5	2.7	2.7	8.5	16.0	5.6	1.6			
				F	0.50-0.99	100	2.0	10.7	6.6	19.3	2.2	7.8	14.0	4.0	1.0	2.8	8.4	13.1	3.9	1.1			
				F	1. -1.99	180	3.9	18.0	13.0	37.3	2.1	7.2	8.9	1.9	0.5	2.0	6.0	14.2	3.3	0.7			
				F	2. -2.99	154	6.3	27.2	16.3	42.4	2.1	8.0	6.5	1.6	0.4	2.3	7.3	10.2	2.8	0.8			
				F	3. -3.99	129	6.5	30.4	14.4	44.4	1.5	8.5	5.3	1.6	0.3	1.5	7.2	7.1	2.0	0.6			
				F	4. -5.00	125	6.7	33.4	13.9	41.1	2.0	10.1	4.7	1.2	0.3	1.7	8.2	4.9	1.2	0.4			
National		2003		F	0. -5.00	1457	5.2	24.6	12.7	35.4	2.8	10.9	7.8	2.2	0.5	2.7	9.4	9.7	2.6	0.7	Surveillance data - weighted		
				F	0. -0.49	117	2.0	8.5	4.0	12.1	4.6	11.4	19.4	6.9	2.1	3.5	10.7	15.9	4.7	1.2			
				F	0.50-0.99	192	2.5	13.1	6.5	19.4	2.8	10.2	13.4	4.0	1.0	3.5	11.4	13.1	3.7	1.0			
				F	1. -1.99	329	4.9	22.4	14.2	36.8	3.1	11.8	7.3	1.8	0.4	3.1	9.7	11.8	3.1	0.8			
				F	2. -2.99	307	6.5	29.7	15.8	42.5	2.8	11.2	5.4	1.3	0.2	2.9	9.4	8.5	2.3	0.6			
				F	3. -3.99	280	7.0	31.4	15.9	43.3	2.0	9.9	5.0	1.1	0.2	1.8	7.6	7.5	1.8	0.4			
				F	4. -5.00	232	5.6	30.6	12.0	39.1	2.2	10.8	4.3	1.3	0.4	1.9	8.7	5.3	1.5	0.3			
				M	0. -5.00	760	5.3	25.1	14.0	36.9	3.1	11.5	8.4	2.4	0.6	2.9	9.6	10.8	3.1	0.8			
				M	0. -0.49	62	2.4	10.1	4.7	14.0	5.2	11.9	21.1	7.4	2.5	4.1	11.7	16.8	5.1	1.2			
				M	0.50-0.99	102	3.0	15.1	7.8	22.2	3.2	11.0	14.3	4.6	1.2	3.7	12.1	14.4	4.4	1.2			
				M	1. -1.99	171	5.8	24.8	17.0	40.6	3.6	12.9	7.8	1.9	0.5	3.7	10.4	12.9	3.4	1.0			
				M	2. -2.99	164	6.7	29.5	17.0	43.6	3.2	12.0	5.7	1.3	0.2	3.0	9.5	9.0	2.7	0.6			
				M	3. -3.99	143	6.5	31.0	16.4	43.6	2.3	10.5	5.3	1.2	0.3	1.8	7.3	8.6	2.2	0.7			
				M	4. -5.00	119	4.8	28.6	12.4	38.6	2.2	10.5	4.9	1.7	0.5	1.9	8.0	6.4	2.1	0.5			
				F	0. -5.00	697	5.1	24.2	11.3	33.7	2.4	10.2	7.1	1.9	0.4	2.4	9.1	8.6	2.2	0.5			
				F	0. -0.49	55	1.5	6.8	3.2	10.0	4.0	10.9	17.6	6.3	1.8	2.8	9.5	14.8	4.3	1.1			
				F	0.50-0.99	90	2.0	10.9	5.1	16.3	2.4	9.3	12.5	3.4	0.9	3.1	10.7	11.5	2.9	0.7			
				F	1. -1.99	158	3.9	19.9	11.1	32.7	2.6	10.6	6.8	1.6	0.3	2.5	9.0	10.5	2.7	0.6			
				F	2. -2.99	144	6.4	29.9	14.4	41.2	2.4	10.2	5.0	1.2	0.2	2.8	9.3	7.9	1.9	0.6			
				F	3. -3.99	136	7.5	31.8	15.5	43.0	1.7	9.3	4.6	0.8	0.2	1.7	7.9	6.3	1.5	0.2			

**VIET NAM**

VIET NAM																							
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			
National		2003		F	4. -5.00	113	6.4	32.7	11.6	39.6	2.1	11.1	3.8	0.8	0.2	1.8	9.3	4.1	0.9	0.1	Surveillance data - weighted	02951	
		2004			0. -5.00	1500	5.0	23.8	11.8	33.7	2.8	11.3	9.0	2.7	0.7	2.9	9.8	10.9	3.2	0.9			
		0. -0.49			114	2.3	8.7	4.6	13.2	4.5	11.1	20.8	7.6	2.8	3.3	10.3	16.7	5.1	1.6				
		0.50-0.99			226	1.9	10.4	5.1	16.2	2.5	9.0	13.9	3.8	0.8	3.2	10.3	13.3	3.7	0.9				
		1. -1.99			361	4.7	21.3	12.8	34.5	3.2	12.4	8.7	2.3	0.5	3.5	10.4	13.1	3.6	0.9				
		2. -2.99			290	6.2	29.2	15.0	41.5	2.6	11.3	6.9	1.9	0.5	2.8	9.5	10.1	3.2	0.9				
		3. -3.99			274	6.7	31.2	14.5	41.8	2.6	11.2	5.9	1.5	0.5	2.4	8.8	8.0	2.3	0.8				
		4. -5.00			234	6.2	32.5	13.1	40.4	2.3	11.9	5.6	1.9	0.5	1.9	9.4	6.4	2.2	0.6				
		M			0. -5.00	777	5.2	24.1	12.9	35.4	3.1	11.9	9.8	3.0	0.9	3.1	9.9	11.9	3.7	1.1			
		M			0. -0.49	59	3.1	9.9	5.4	15.2	4.5	11.6	21.7	8.1	2.7	3.5	10.9	17.3	5.5	1.5			
		M			0.50-0.99	118	2.3	12.0	6.2	18.6	2.7	9.4	14.8	4.4	1.0	3.5	10.6	14.4	4.4	1.0			
		M			1. -1.99	187	5.4	23.1	14.9	37.8	3.8	13.8	8.8	2.5	0.6	4.1	11.4	13.7	4.0	1.1			
		M			2. -2.99	151	6.2	29.1	16.3	42.8	2.9	12.1	8.1	2.4	0.8	2.9	9.5	11.5	3.8	1.2			
		M			3. -3.99	142	6.6	29.9	15.3	42.5	2.8	11.6	6.6	1.7	0.6	2.3	8.3	9.3	2.8	0.9			
M	4. -5.00	120	5.9	31.1	12.9	40.3	2.3	11.9	6.4	2.4	0.7	1.8	8.7	7.6	2.9	0.9							
National		2005		F	0. -5.00	722	4.8	23.5	10.6	32.0	2.6	10.5	8.2	2.2	0.6	2.6	9.6	9.7	2.6	0.7	Surveillance data - weighted		
					F	0. -0.49	55	1.4	7.4	3.6	11.0	4.5	10.5	19.8	7.0	2.9	3.1	9.8	16.0	4.6			1.6
					F	0.50-0.99	108	1.4	8.6	3.9	13.6	2.3	8.6	12.9	3.2	0.7	2.8	10.1	12.1	3.0			0.7
					F	1. -1.99	174	4.0	19.3	10.4	31.0	2.6	10.9	8.6	2.0	0.4	2.8	9.3	12.5	3.1			0.7
					F	2. -2.99	139	6.2	29.2	13.7	40.1	2.3	10.3	5.6	1.4	0.3	2.7	9.4	8.6	2.5			0.5
					F	3. -3.99	132	6.8	32.7	13.7	41.0	2.4	10.7	5.1	1.4	0.4	2.6	9.3	6.6	1.8			0.6
					F	4. -5.00	114	6.6	34.1	13.3	40.5	2.3	11.9	4.8	1.4	0.3	2.1	10.1	5.1	1.5			0.3
					0. -5.00	1493	5.0	22.7	11.8	33.2	2.8	10.7	9.1	2.6	0.7	2.7	9.3	11.0	3.2	0.8			
					0. -0.49	110	1.7	6.9	4.7	12.5	4.5	11.1	21.1	7.5	2.8	3.2	10.4	16.5	4.9	1.2			
					0.50-0.99	203	2.0	10.4	5.9	17.9	2.5	9.1	14.5	3.9	0.9	3.3	10.3	14.1	3.9	1.0			
					1. -1.99	368	4.5	20.3	13.3	35.0	3.0	10.7	9.5	2.3	0.5	2.9	9.0	13.7	3.8	0.9			
					2. -2.99	310	6.2	26.8	14.4	38.7	2.8	10.7	6.8	1.8	0.5	2.9	9.3	10.1	2.7	0.8			
					3. -3.99	258	6.2	29.5	13.4	39.5	2.2	10.4	6.0	1.9	0.5	2.1	8.2	8.2	2.5	0.7			
					4. -5.00	244	6.8	31.5	12.5	38.7	2.4	12.0	5.0	1.6	0.4	2.1	9.7	5.9	1.9	0.4			
M	0. -5.00	776	5.0	22.9	12.9	34.7	3.0	11.3	10.0	2.9	0.8	2.9	9.4	12.1	3.6	1.0							

**VIET NAM**

VIET NAM																							
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			
National		2005		M	0. -0.49	58	2.3	7.9	5.6	14.4	4.5	11.1	22.6	7.8	3.0	3.5	10.7	17.3	5.2	1.3		02951	
				M	0.50-0.99	106	2.2	12.0	7.5	20.2	2.9	9.4	15.9	4.8	1.1	3.6	10.6	15.7	4.6	1.3			
				M	1. -1.99	192	5.3	22.4	15.6	38.9	3.3	11.6	9.9	2.7	0.7	3.3	9.6	14.6	4.4	1.1			
				M	2. -2.99	162	6.2	26.9	15.7	39.6	3.0	11.6	7.5	1.9	0.5	2.9	9.5	10.9	3.0	0.8			
				M	3. -3.99	132	5.8	27.6	13.8	39.6	2.7	11.0	6.8	2.1	0.6	2.4	7.8	9.6	2.9	0.9			
				M	4. -5.00	126	6.0	29.4	12.6	38.4	2.5	12.1	5.7	1.8	0.5	2.1	9.2	7.2	2.4	0.6			
				F	0. -5.00	717	4.9	22.6	10.5	31.5	2.5	10.0	8.2	2.3	0.6	2.5	9.2	9.7	2.6	0.6			
				F	0. -0.49	51	1.0	5.8	3.8	10.3	4.5	11.1	19.6	7.1	2.6	2.8	10.0	15.5	4.5	1.1			
				F	0.50-0.99	97	1.8	8.6	4.3	15.3	2.1	8.7	12.8	3.1	0.6	3.0	10.0	12.3	3.2	0.6			
				F	1. -1.99	176	3.7	18.0	10.8	30.8	2.6	9.7	9.0	2.0	0.3	2.5	8.4	12.8	3.3	0.6			
				F	2. -2.99	148	6.2	26.6	13.0	37.8	2.6	9.7	6.0	1.6	0.5	3.0	9.1	9.1	2.4	0.7			
				F	3. -3.99	126	6.7	31.4	13.0	39.3	1.8	9.8	5.3	1.8	0.5	1.8	8.5	6.8	2.1	0.5			
				F	4. -5.00	119	7.6	33.7	12.5	39.0	2.4	11.8	4.3	1.3	0.2	2.2	10.1	4.6	1.3	0.2			
				National		2006			0. -5.00		5.0	20.2	15.0	35.8	2.9	8.4							
	0. -5.00	1531	4.6					22.1	10.9	31.8	2.5	9.9	10.0	3.1	1.0	2.4	8.6	11.8	3.6	1.0			
	0. -0.49	122	1.8					7.2	4.6	12.2	3.6	9.5	22.5	9.0	3.4	2.6	8.9	18.2	6.2	1.5			
	0.50-0.99	187	1.9					9.8	5.8	16.8	2.0	8.1	15.7	4.6	1.5	2.5	8.8	15.3	4.6	1.4			
	1. -1.99	373	4.2					20.2	11.6	32.4	2.7	10.5	9.5	2.3	0.6	2.7	8.9	13.4	3.8	0.9			
	2. -2.99	333	5.4					25.7	13.6	37.8	2.4	10.0	7.7	2.1	0.6	2.4	8.4	11.1	3.1	0.8			
	3. -3.99	290	6.3					28.6	12.8	38.6	2.1	9.7	7.1	2.5	0.7	2.0	7.7	9.0	3.0	0.9			
	4. -5.00	227	5.9					29.4	10.9	36.3	2.4	10.8	6.5	2.2	0.7	2.1	8.9	7.4	2.5	0.8			
M	0. -5.00	798	4.7					22.2	12.0	33.1	2.7	10.5	10.9	3.5	1.1	2.5	8.8	13.0	4.1	1.2			
M	0. -0.49	64	2.2					8.3	5.3	14.2	3.6	10.0	24.0	9.8	3.9	2.7	9.4	19.8	6.8	1.7			
M	0.50-0.99	99	2.3					11.5	7.3	19.9	2.4	8.8	16.4	4.8	1.4	2.9	9.7	16.0	4.8	1.4			
M	1. -1.99	195	4.9					22.1	13.8	35.1	2.8	11.3	9.9	2.5	0.6	2.9	9.4	14.1	3.9	1.0			
M	2. -2.99	173	5.4					25.9	14.9	39.8	2.7	10.8	8.5	2.6	0.8	2.6	8.6	12.3	3.9	1.1			
M	3. -3.99	150	5.6					27.3	13.0	37.8	2.4	10.3	8.1	3.0	0.9	2.1	7.7	10.4	3.7	1.2			
M	4. -5.00	117	5.4	27.0	11.1	35.4	2.6	10.5	7.6	2.8	1.0	2.2	8.2	9.3	3.2	1.1							
F	0. -5.00	733	4.6	21.9	9.7	30.5	2.2	9.3	9.1	2.6	0.8	2.2	8.3	10.5	3.0	0.8							
F	0. -0.49	57	1.4	6.0	3.8	10.1	3.5	9.0	20.9	8.1	2.9	2.4	8.2	16.3	5.5	1.3							

**VIET NAM**

VIET NAM																							
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			
National		2006		F	0.50-0.99	88	1.4	8.0	4.0	13.2	1.7	7.2	14.9	4.3	1.5	2.1	7.9	14.6	4.3	1.3	Surveillance data - weighted	02951	
				F	1. -1.99	178	3.5	18.1	9.3	29.5	2.6	9.6	9.2	2.1	0.5	2.5	8.3	12.6	3.5	0.8			
				F	2. -2.99	160	5.3	25.5	12.2	35.7	2.0	9.2	6.8	1.6	0.3	2.3	8.2	9.8	2.3	0.5			
				F	3. -3.99	140	7.0	30.1	12.6	39.6	1.7	9.1	6.0	1.9	0.5	1.9	7.8	7.6	2.3	0.6			
				F	4. -5.00	111	6.4	31.8	10.8	37.3	2.3	11.1	5.2	1.7	0.5	2.1	9.6	5.5	1.7	0.5			
National	2007			F	0. -5.00	1507	5.7	22.6	11.4	32.2	2.4	10.1	9.6	2.9	0.8	2.5	9.0	11.5	3.5	0.9			
				F	0. -0.49	107	3.4	12.2	6.3	16.8	4.7	12.4	18.8	7.1	2.7	4.4	13.6	14.4	4.6	1.1			
				F	0.50-0.99	205	2.9	13.3	6.8	19.9	2.4	9.8	12.9	3.8	1.0	3.3	11.8	12.2	3.9	0.9			
				F	1. -1.99	372	4.4	19.1	12.1	33.2	2.5	9.7	10.1	2.7	0.7	2.7	8.4	14.1	4.1	1.0			
				F	2. -2.99	307	6.4	25.4	13.3	36.5	2.4	9.8	7.7	2.2	0.6	2.6	8.4	11.3	3.4	1.0			
				F	3. -3.99	283	7.1	28.6	13.2	38.0	1.7	9.7	7.1	2.1	0.5	1.6	7.1	9.4	2.9	0.8			
				F	4. -5.00	233	8.5	30.2	12.1	35.7	2.0	10.8	7.0	2.1	0.7	1.7	8.6	8.4	2.5	0.7			
				M	0. -5.00	789	5.9	23.2	12.5	33.9	2.6	10.8	10.3	3.2	1.0	2.7	9.3	12.6	4.0	1.1			
				M	0. -0.49	57	4.2	13.6	7.2	18.4	4.8	13.1	19.9	7.7	2.7	4.7	14.1	15.4	5.1	1.0			
				M	0.50-0.99	107	3.5	15.4	8.5	23.5	2.9	11.0	13.6	4.3	1.1	3.9	12.9	13.0	4.5	1.0			
				M	1. -1.99	197	5.0	21.4	14.1	36.5	2.7	10.5	10.5	3.0	0.8	3.0	9.0	14.8	4.6	1.2			
				M	2. -2.99	162	6.5	25.6	14.5	38.0	2.6	10.5	8.2	2.4	0.7	2.6	8.3	12.2	3.6	1.0			
				M	3. -3.99	147	7.1	27.8	13.4	38.9	1.9	10.3	7.9	2.4	0.7	1.6	6.6	10.8	3.6	1.1			
				M	4. -5.00	118	8.2	28.9	12.3	34.7	2.0	11.2	7.9	2.6	1.0	1.7	8.5	9.8	3.2	1.1			
				F	0. -5.00	718	5.4	22.0	10.3	30.4	2.2	9.3	8.9	2.5	0.7	2.3	8.8	10.4	2.9	0.7			
F	0. -0.49	49	2.4	10.5	5.3	14.9	4.7	11.6	17.5	6.5	2.8	4.0	13.0	13.3	4.0	1.2							
F	0.50-0.99	97	2.1	10.9	5.0	16.0	2.0	8.5	12.2	3.3	0.8	2.6	10.6	11.4	3.3	0.7							
F	1. -1.99	175	3.8	16.6	9.9	29.5	2.3	8.8	9.8	2.4	0.5	2.3	7.7	13.3	3.5	0.9							
F	2. -2.99	146	6.4	25.2	12.0	34.9	2.3	9.0	7.3	2.0	0.6	2.6	8.5	10.2	3.1	0.9							
F	3. -3.99	136	7.2	29.5	13.0	37.1	1.4	9.2	6.2	1.7	0.3	1.6	7.7	7.9	2.2	0.4							
F	4. -5.00	115	8.9	31.5	11.9	36.7	2.0	10.4	6.1	1.7	0.5	1.7	8.7	7.0	1.7	0.4							
National	2008			F	0. -5.00	1484	3.8	20.2	9.7	30.5	2.5	9.7	9.8	3.0	0.8	2.5	8.6	11.7	3.5	0.9	Surveillance data - weighted		
				F	0. -0.49	107	1.9	7.6	4.4	12.3	3.7	10.4	21.8	7.8	2.5	3.0	10.1	17.3	5.0	1.1			
				F	0.50-0.99	207	1.5	10.5	5.2	17.7	2.1	8.3	14.7	4.1	1.0	2.7	9.2	14.5	4.2	0.9			
				F	1. -1.99	354	3.4	18.0	10.9	32.7	2.5	9.4	9.8	2.4	0.5	2.7	7.9	14.2	3.8	0.8			

**VIET NAM**

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			
National		2008			2. -2.99	307	4.6	23.6	11.9	36.2	2.7	9.7	7.4	2.2	0.7	2.8	8.6	10.8	3.3	1.0		02951	
					3. -3.99	269	4.8	25.8	11.2	35.4	2.0	9.7	7.1	2.3	0.7	2.0	8.2	8.9	2.9	0.9			
					4. -5.00	239	4.7	26.8	9.8	33.6	2.4	10.7	6.4	2.4	0.8	2.1	8.7	7.2	2.6	0.9			
					M 0. -5.00	765	3.8	20.5	10.7	31.9	2.6	10.2	10.6	3.4	1.0	2.6	8.7	12.9	4.0	1.1			
					M 0. -0.49	55	2.5	8.6	5.4	14.5	3.6	10.6	22.0	8.7	3.0	3.2	10.2	17.8	5.5	1.3			
					M 0.50-0.99	107	2.1	12.8	6.4	20.6	2.7	9.5	15.9	4.8	1.1	3.3	10.5	15.9	4.9	1.1			
					M 1. -1.99	184	3.9	19.9	13.1	36.0	2.6	10.2	10.6	2.8	0.6	2.8	8.5	15.5	4.5	1.0			
					M 2. -2.99	160	4.6	23.8	12.8	37.4	2.8	10.4	7.8	2.5	0.9	2.7	8.6	11.8	3.6	1.1			
					M 3. -3.99	138	4.1	24.2	11.2	35.3	2.1	10.0	7.9	2.5	0.7	1.9	7.7	10.3	3.3	1.1			
					M 4. -5.00	121	4.2	24.8	9.7	32.5	2.4	10.3	7.3	2.7	1.1	2.1	7.8	8.5	3.2	1.3			
					F 0. -5.00	719	3.7	19.9	8.7	29.0	2.4	9.1	9.0	2.5	0.6	2.4	8.5	10.4	2.9	0.7			
					F 0. -0.49	52	1.3	6.4	3.2	10.0	3.8	10.3	21.5	6.9	1.9	2.7	10.0	16.8	4.4	0.8			
					F 0.50-0.99	100	0.9	8.1	3.9	14.6	1.5	6.9	13.5	3.4	0.8	2.1	7.9	13.1	3.3	0.7			
					F 1. -1.99	170	2.9	15.9	8.5	29.1	2.5	8.6	9.0	1.9	0.4	2.6	7.3	12.8	3.0	0.6			
					F 2. -2.99	147	4.7	23.3	10.9	34.9	2.5	9.1	7.0	1.9	0.5	2.9	8.6	9.8	2.9	0.8			
					F 3. -3.99	131	5.5	27.5	11.1	35.6	1.9	9.4	6.2	2.1	0.7	2.0	8.8	7.5	2.4	0.7			
F 4. -5.00	118	5.3	28.9	9.8	34.6	2.5	11.1	5.5	2.0	0.5	2.1	9.5	5.9	2.0	0.4								