

TURKEY

Administrative 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	AUG-OCT	1993			0. -5.00	3255	2.4	8.7	8.8	24.1	1.0	3.8	22.3	5.0	1.3	0.9	3.8	26.5	6.1	1.6	Central East North South West	01387	
					0. -5.00	732	1.8	5.9	7.7	23.7	0.7	2.3	28.3	7.1	2.0	0.6	2.5	32.6	8.1	2.3			
					0. -5.00	829	5.9	19.5	17.9	41.5	2.4	7.7	15.5	3.4	0.6	2.1	7.1	21.7	5.2	1.3			
					0. -5.00	317	1.0	5.6	8.1	16.3	0.4	1.4	26.9	6.6	1.6	0.6	1.0	32.6	8.0	2.2			
					0. -5.00	504	1.4	5.7	6.3	20.0	0.3	2.3	19.2	4.5	1.6	0.3	2.3	22.7	5.6	1.4			
					0. -5.00	873	0.9	3.8	3.0	13.2	0.7	3.1	23.7	4.4	1.2	0.6	3.6	26.1	4.9	1.0			
					0. -0.49	371	2.2	5.6	3.5	7.5	2.2	7.1	23.9	8.6	3.6	1.4	7.9	23.8	7.8	3.7			
					0.50-0.99	363	2.9	10.1	4.6	12.3	1.4	7.4	20.5	3.0	0.7	1.7	9.1	19.9	3.0	1.0			
					1. -1.99	657	1.8	8.1	5.3	23.0	0.7	3.2	25.7	5.8	1.6	0.5	2.4	32.6	7.9	1.9			
					2. -2.99	591	2.9	8.2	12.5	28.3	0.9	3.2	23.5	6.3	0.8	0.9	3.4	30.7	8.8	1.1			
					3. -3.99	659	2.3	9.1	12.6	31.1	0.7	2.3	21.8	4.4	1.4	0.7	1.2	27.6	6.0	1.6			
					4. -5.00	614	2.8	10.6	11.0	31.0	1.0	2.5	17.9	2.5	0.5	0.9	2.9	20.6	2.7	0.6			
					URBAN	0. -5.00	1956	1.8	6.7	5.9	19.2	0.8	3.5	21.6	4.5	1.1	0.7	3.7	25.1	5.6			1.2
					RURAL	0. -5.00	1299	3.4	11.8	13.3	31.5	1.4	4.2	23.2	5.7	1.6	1.2	4.0	28.7	7.0			2.0
					M	0. -5.00	1671	2.4	9.5	9.1	25.1	1.5	4.0	22.4	5.7	1.8	1.2	4.3	26.7	6.9			2.3
					M	0. -0.49	192	3.2	5.5	4.5	7.5	3.9	7.2	23.2	9.5	4.7	2.2	8.2	23.1	9.3			5.3
					M	0.50-0.99	184	2.7	12.6	5.4	14.2	2.3	7.5	22.6	4.1	1.0	2.8	10.7	22.3	4.1			1.6
					M	1. -1.99	352	1.8	10.5	6.3	24.5	0.6	3.5	24.8	7.2	2.2	0.3	2.5	31.4	8.5			2.4
					M	2. -2.99	298	3.6	9.0	14.6	29.1	1.4	3.6	24.3	7.0	0.8	1.4	3.9	29.6	10.1			1.9
					M	3. -3.99	325	2.1	8.6	11.4	33.2	0.6	2.2	21.8	5.4	1.7	0.7	1.7	28.5	7.7			2.2
					M	4. -5.00	321	1.4	10.6	9.8	30.8	1.4	2.8	18.1	1.9	0.9	1.0	3.2	21.6	1.9			1.1
					F	0. -5.00	1584	2.5	7.9	8.6	23.0	0.6	3.6	22.1	4.2	0.9	0.6	3.3	26.4	5.2			0.8
					F	0. -0.49	179	1.1	5.7	2.4	7.5	0.4	7.1	24.8	7.7	2.5	0.6	7.6	24.4	6.3			1.9
F	0.50-0.99	179	3.1	7.6	3.7	10.3	0.6	7.3	18.4	1.9	0.4	0.6	7.3	17.4	1.9	0.4							
F	1. -1.99	305	1.8	5.4	4.2	21.1	0.7	2.8	26.8	4.1	1.0	0.7	2.2	34.0	7.2	1.4							
F	2. -2.99	293	2.1	7.3	10.3	27.6	0.4	2.8	22.7	5.5	0.7	0.4	2.9	31.9	7.4	0.4							
F	3. -3.99	335	2.5	9.6	13.7	29.0	0.7	2.3	21.8	3.4	1.1	0.7	0.7	26.7	4.4	0.9							
F	4. -5.00	294	4.3	10.7	12.4	31.1	0.6	2.1	17.7	3.2	0.0	0.8	2.5	19.6	3.6	0.0							
	AUG-NOV	1998			0. -5.00	2873	2.0	7.0	7.5	19.1	0.8	3.0	23.2	4.0	0.6	0.9	2.5	26.0	5.4	0.5	Central	01996	
				0. -5.00	673	1.5	4.3	4.7	14.3	0.8	2.4	27.2	4.8	1.0	0.5	1.7	29.5	6.0	1.1				

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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	AUG-NOV	1998			0. -5.00	704	4.6	14.7	16.3	35.0	1.5	4.7	18.8	2.8	0.3	1.6	4.1	23.7	5.5	0.2	East North South West	01996	
					0. -5.00	228	0.6	4.4	4.7	15.0	0.6	2.1	31.1	6.8	0.4	0.8	2.4	35.4	8.4	0.5			
					0. -5.00	437	1.7	7.4	5.5	17.8	0.8	3.7	16.6	2.7	0.7	0.8	2.3	18.0	3.0	0.3			
					0. -5.00	832	0.8	3.3	4.1	11.7	0.3	2.0	25.1	4.2	0.5	0.7	1.8	26.8	5.1	0.4			
					0. -0.49	338	1.1	4.0	2.0	3.6	2.7	8.8	17.6	4.8	0.9	1.9	5.5	17.4	4.8	0.6			
					0.50-0.99	306	2.2	6.7	2.6	6.5	1.9	6.4	17.7	2.9	0.2	1.9	6.3	16.6	2.8	0.5			
					1. -1.99	602	2.3	6.3	6.2	20.6	0.6	2.6	30.2	6.3	0.9	0.8	1.9	35.1	8.1	0.7			
					2. -2.99	539	2.2	7.5	9.1	23.7	0.3	1.9	20.6	3.7	0.2	0.8	1.6	27.9	6.5	0.2			
					3. -3.99	532	2.6	8.9	12.5	23.6	0.4	1.3	27.2	4.0	0.9	0.8	1.6	30.3	5.7	0.6			
					4. -5.00	555	1.5	7.5	8.6	25.4	0.2	0.9	21.2	2.0	0.4	0.0	0.8	21.4	3.0	0.4			
					URBAN	0. -5.00	1815	1.4	5.2	5.9	14.9	0.7	2.6	23.1	4.1	0.5	0.9	2.3	25.1	5.1			0.4
					RURAL	0. -5.00	1059	3.0	10.1	10.3	26.5	1.1	3.7	23.5	3.7	0.7	0.9	2.7	27.5	5.8			0.7
					M	0. -5.00	1500	2.3	7.0	7.4	19.5	1.1	3.4	24.3	4.4	0.9	1.1	2.4	27.7	6.5			0.6
					M	0. -0.49	168	1.6	2.4	2.2	4.6	2.9	11.0	18.6	5.9	1.2	1.3	5.0	17.1	6.1			0.7
					M	0.50-0.99	167	2.9	6.8	2.4	6.6	2.6	6.1	18.4	4.5	0.4	2.6	5.5	17.2	4.2			0.8
					M	1. -1.99	316	3.5	8.8	6.9	19.6	0.8	3.2	30.8	6.5	1.5	1.0	2.4	37.0	8.3			0.7
					M	2. -2.99	297	2.5	8.3	10.4	28.3	0.5	2.7	18.7	2.9	0.4	1.4	2.3	25.9	7.0			0.4
					M	3. -3.99	270	1.2	6.2	10.6	21.5	0.8	1.0	31.2	5.2	1.2	0.8	1.0	35.3	8.7			0.9
					M	4. -5.00	283	2.0	7.1	7.9	24.9	0.4	0.5	23.3	1.9	0.5	0.0	0.4	24.9	3.9			0.5
					F	0. -5.00	1373	1.7	7.1	7.5	18.8	0.5	2.6	22.0	3.5	0.3	0.7	2.5	24.2	4.0			0.3
F	0. -0.49	170	0.5	5.6	1.7	2.5	2.5	6.6	16.5	3.8	0.6	2.4	5.9	17.8	3.6	0.6							
F	0.50-0.99	140	1.3	6.7	2.7	6.3	1.0	6.6	16.9	1.0	0.0	1.0	7.2	15.9	1.0	0.0							
F	1. -1.99	287	1.0	3.7	5.4	21.8	0.4	1.8	29.6	6.0	0.2	0.7	1.2	33.0	8.0	0.6							
F	2. -2.99	242	1.8	6.4	7.3	18.0	0.0	0.8	23.0	4.6	0.0	0.0	0.8	30.6	5.9	0.0							
F	3. -3.99	262	3.9	11.7	14.5	25.8	0.0	1.6	22.9	2.8	0.6	0.8	2.1	25.1	2.7	0.4							
F	4. -5.00	272	1.0	7.9	9.2	25.9	0.0	1.2	19.0	2.2	0.4	0.0	1.2	17.8	2.0	0.4							
	DEC-MAY	2003-04			0. -5.00	3777	0.8	3.5	4.9	15.6	0.4	1.1	37.2	9.1	1.5	0.4	0.9	40.0	10.7	1.8		02781	
					0. -5.00	361	0.0	2.2	1.6	11.0	0.8	1.6	36.0	6.7	1.1	0.0	0.8	34.2	10.0	1.1			
					0. -5.00	213	0.8	1.3	4.3	12.0	0.4	0.8	38.9	10.5	1.4	0.4	0.8	40.9	12.4	1.9			
					0. -5.00	288	2.4	8.3	13.2	31.6	0.0	0.6	28.8	5.3	1.2	0.0	0.6	34.1	5.7	0.9			

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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	DEC-MAY	2003-04			0. -5.00	292	1.1	2.9	1.0	6.4	1.6	1.6	29.5	6.8	1.2	1.2	1.6	31.0	7.7	1.4	East Marmara	02781	
					0. -5.00	120	0.0	1.3	5.7	18.8	0.3	0.3	39.2	12.4	1.7	0.3	0.3	44.8	14.7	0.3	East Black Sea		
					0. -5.00	588	0.6	1.6	1.4	7.8	0.3	0.9	42.9	10.8	1.6	0.5	0.9	44.8	11.5	2.7	Istanbul		
					0. -5.00	513	0.0	2.1	4.0	14.2	0.2	0.6	38.0	9.8	1.2	0.4	0.4	41.0	11.3	1.4	Mediterranean		
					0. -5.00	172	0.8	6.5	7.7	23.3	0.2	1.4	39.1	10.4	2.7	0.4	0.8	43.1	10.8	2.2	Northeast Anatolia		
					0. -5.00	608	1.7	6.8	9.6	27.0	0.3	1.9	39.1	8.7	1.7	0.4	1.7	43.1	10.7	1.6	Southeast Anatolia		
					0. -5.00	118	1.7	3.7	2.0	9.3	0.0	0.0	38.3	12.9	0.0	0.0	0.0	39.4	13.6	2.0	West Marmara		
					0. -5.00	321	0.4	1.6	4.0	11.4	0.4	0.4	35.6	10.7	2.2	0.4	0.4	39.9	11.9	3.4	West Anatolia		
					0. -5.00	184	0.0	2.6	3.8	11.0	0.0	1.2	36.1	8.0	1.7	0.3	0.6	39.5	11.0	1.4	West Black Sea		
					0. -5.00	750	0.4	2.5	4.3	12.2	0.8	1.3	36.4	9.2	1.3	0.3	0.9	39.2	11.1	2.0	x Central		
					0. -5.00	1068	1.8	7.1	10.3	27.6	0.2	1.5	36.3	8.1	1.7	0.3	1.2	40.6	9.4	1.5	x East		
					0. -5.00	221	0.0	1.4	4.8	14.6	0.2	1.1	38.6	11.5	2.3	0.4	0.7	42.6	14.1	1.4	x North		
					0. -5.00	513	0.0	2.1	4.0	14.2	0.2	0.6	38.0	9.8	1.2	0.4	0.4	41.0	11.3	1.4	x South		
					0. -5.00	1225	0.7	1.9	1.0	7.9	0.4	0.7	38.0	9.3	1.4	0.5	0.7	39.0	10.6	2.2	x West		
					0. -0.49	385	1.2	4.1	2.7	9.0	0.9	3.5	34.9	14.3	4.9	0.3	2.1	31.8	13.5	4.4			
					0.50-0.99	338	0.6	3.1	3.3	8.9	0.1	1.1	33.0	10.2	2.1	0.1	1.3	30.3	10.1	2.1			
					1. -1.99	720	0.4	2.0	3.0	15.2	0.4	0.9	48.1	14.4	1.2	0.6	0.7	53.0	16.6	1.9			
					2. -2.99	807	1.3	3.5	5.0	17.9	0.6	1.1	38.3	8.1	0.9	0.8	1.0	44.4	11.1	1.9			
					3. -3.99	773	0.5	4.5	7.6	18.9	0.2	0.5	39.1	7.5	1.0	0.1	0.5	44.0	10.0	1.1			
					4. -5.00	754	1.0	3.7	5.8	16.8	0.2	0.4	27.2	3.8	0.8	0.2	0.4	27.9	4.2	0.8			
					URBAN	0. -5.00	2490	0.8	2.5	3.5	11.8	0.4	0.9	37.6	10.0	1.4	0.4	0.8	40.2	10.8	1.9		
RURAL	0. -5.00	1287	0.9	5.4	7.6	22.9	0.5	1.3	36.5	7.5	1.7	0.3	0.9	39.5	10.4	1.6							
M	0. -5.00	1947	0.7	3.1	4.5	14.7	0.7	1.5	38.9	10.6	1.7	0.5	1.2	42.1	12.2	2.3							
M	0. -0.49	200	0.7	3.5	1.9	7.3	1.7	4.5	35.5	18.5	5.5	0.3	2.4	32.3	16.7	5.3							
M	0.50-0.99	176	0.5	3.1	4.0	10.0	0.2	1.5	32.9	10.2	1.3	0.2	1.9	31.2	11.0	1.3							
M	1. -1.99	366	0.6	2.1	3.4	15.8	0.4	1.1	47.9	17.3	1.6	0.4	0.6	53.2	18.7	2.6							
M	2. -2.99	432	1.2	2.9	4.1	17.4	1.2	1.7	39.4	6.5	1.0	1.4	1.6	44.0	9.8	2.8							
M	3. -3.99	414	0.3	3.4	6.5	15.9	0.3	0.9	42.5	9.6	1.4	0.3	0.9	47.9	12.4	1.7							
M	4. -5.00	360	0.8	3.7	5.3	15.3	0.3	0.6	30.1	5.7	1.0	0.3	0.6	32.9	6.5	1.0							
F	0. -5.00	1830	0.9	3.9	5.4	16.6	0.1	0.6	35.5	7.5	1.3	0.2	0.5	37.8	9.0	1.3							

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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	DEC-MAY	2003-04		F	0. -0.49	186	1.7	4.8	3.5	10.9	0.0	2.5	34.2	9.8	4.3	0.3	1.9	31.2	10.0	3.3		02781	
				F	0.50-0.99	162	0.7	3.1	2.6	7.7	0.0	0.7	33.1	10.2	3.0	0.0	0.7	29.3	9.1	3.0			
				F	1. -1.99	355	0.2	2.0	2.5	14.6	0.5	0.8	48.3	11.4	0.8	0.8	0.8	52.8	14.4	1.2			
				F	2. -2.99	375	1.4	4.2	6.1	18.4	0.0	0.3	37.2	9.9	0.8	0.0	0.3	45.0	12.5	0.9			
				F	3. -3.99	359	0.7	5.7	8.9	22.4	0.0	0.0	35.2	5.1	0.5	0.0	0.0	39.4	7.2	0.5			
				F	4. -5.00	394	1.2	3.7	6.3	18.1	0.1	0.3	24.5	2.2	0.7	0.1	0.3	23.2	2.2	0.5			