

PAKISTAN																							
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		1977			0.50-4.99	737		48.3		70.5		15.2		6.2						Converted estimates	01267		
National		1985-87			0.50-4.99	6707		44.4		62.5		24.0		7.8						Converted estimates	01276		
National	FEB-AUG	1990-94			0. -5.00	3240	14.6	35.3	20.7	42.7	5.0	17.2	6.0	1.6	0.3	4.6	15.3	8.5	2.2	0.4	01931		
					0. -5.00	423	31.1	50.8	41.6	62.8	10.2	23.9	9.5	1.6	0.1	9.0	20.8	12.6	3.9	0.8	Balochistan		
					0. -5.00	531	9.1	27.8	15.5	36.5	2.9	11.2	6.4	1.0	0.2	2.3	8.9	8.7	1.4	0.1	NWFP		
					0. -5.00	1485	14.2	35.0	20.0	41.7	5.7	18.4	6.2	1.8	0.1	5.3	17.1	8.7	2.1	0.3	Punjab		
					0. -5.00	801	15.2	36.9	21.3	44.4	3.5	16.7	4.7	1.5	0.7	3.7	14.0	7.1	2.7	0.6	Sindh		
					0. -0.49	273	19.7	42.2	16.9	32.7	9.4	20.5	8.3	2.7	0.4	12	28.9	3.3	1.3	0.5			
					0.50-0.99	321	16.6	35.6	13.8	33.8	5.7	23.9	5.3	1.3	0.6	8.2	26.7	5.1	1.3	0.6			
					1. -1.99	579	16.9	38.3	23.7	44.9	7.4	23.1	5.8	2.3	0.0	5.7	18.4	8.3	2.6	0.3			
					2. -2.99	638	14.9	37.5	26.5	49.8	4.0	13.2	6.1	0.9	0.0	2.8	10.3	11.1	2.5	0.0			
					3. -3.99	715	13.9	31.7	21.2	46.4	3.3	15.0	6.5	1.1	0.4	2.6	10.1	11.7	2.4	0.3			
					4. -5.00	714	10.1	31.6	17.4	38.7	3.5	13.9	4.9	1.9	0.5	2.9	12.1	6.5	2.3	0.5			
			URBAN		0. -5.00	1081	11.3	29.3	17.0	38.7	3.6	14.4	7.4	2.5	0.5	3.3	12.0	8.9	3.1	0.4			
			RURAL		0. -5.00	2159	16.1	38.0	22.4	44.5	5.6	18.5	5.4	1.2	0.2	5.2	16.8	8.2	1.9	0.3			
				M	0. -5.00	1654	13.7	34.2	21.0	43.2	4.4	17.4	5.7	1.3	0.4	4.2	14.7	9.1	2.3	0.4			
				M	0. -0.49	116	22.0	42.3	17.3	33.4	9.9	19.3	5.8	0.8	0.0	12.0	29.3	2.9	1.8	0.0			
				M	0.50-0.99	166	14.9	35.4	16.1	33.0	4.9	24.4	5.0	1.7	1.1	6.8	28.1	5.1	1.7	1.1			
				M	1. -1.99	320	15.0	35.0	21.6	43.0	7.2	21.7	4.7	1.9	0.0	5.8	16.1	8.8	2.2	0.4			
				M	2. -2.99	321	14.3	39.0	28.5	54.6	3.7	12.5	6.9	1.4	0.0	3.5	10.1	13.2	3.6	0.0			
				M	3. -3.99	358	13.1	31.0	21.8	47.1	2.1	17.2	7.3	1.3	0.7	1.1	9.1	12.9	3.1	0.4			
				M	4. -5.00	373	8.8	28.8	16.9	37.8	2.7	14.0	4.3	0.5	0.5	2.6	12.0	6.3	1.1	0.5			
				F	0. -5.00	1586	15.6	36.5	20.4	42.1	5.5	17.1	6.2	2.0	0.2	5.0	15.9	7.7	2.1	0.3			
				F	0. -0.49	157	17.6	42.0	16.6	32.1	9.0	21.6	10.5	4.3	0.8	12.1	28.7	3.7	0.9	0.9			
				F	0.50-0.99	155	18.4	35.9	11.3	34.7	6.7	23.3	5.6	0.8	0.2	9.7	25.2	5.1	0.8	0.0			
				F	1. -1.99	259	19.3	42.4	26.1	47.2	7.5	24.9	7.1	2.8	0.1	5.7	21.2	7.7	3.1	0.3			
				F	2. -2.99	317	15.5	36.0	24.6	45.1	4.2	13.9	5.2	0.4	0.0	2.2	10.6	9.1	1.4	0.0			
				F	3. -3.99	357	14.8	32.4	20.4	45.7	4.4	12.7	5.7	1.0	0.0	4.1	11.1	10.4	1.8	0.3			
				F	4. -5.00	341	11.4	34.6	18.0	39.7	4.3	13.8	5.6	3.3	0.6	3.2	12.2	6.6	3.6	0.6			
National	DEC-MAY	1990-91			0. -5.00	4588	17.5	39.0	33.9	54.5	4.8	12.5	14.0	5.4	2.0	4.5	10.8	19.5	6.8	2.9	00537		

PAKISTAN

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	DEC-MAY	1990-91			0. -5.00	129	33.5	56.3	52.6	73.4	0.9	7.5	15.0	6.8	1.9	0.7	6.2	24.0	9.2	6.7	Balochistan NWFP Punjab Sindh	00537	
					0. -5.00	673	14.5	34.2	42.8	65.0	3.3	7.8	22.9	9.2	3.5	4.0	8.0	29.3	12.5	3.8			
					0. -5.00	2716	15.4	36.1	29.2	49.5	5.8	13.3	13.5	5.6	2.3	4.8	11.5	18.5	6.6	3.4			
					0. -5.00	1069	22.9	47.2	38.9	59.0	3.7	13.9	9.8	2.4	0.7	4.7	11.2	15.5	3.7	0.8			
					0. -0.49	606	16.2	33.4	12.6	24.5	10.5	24.0	14.8	5.1	2.1	11.9	25.2	12.2	5.0	2.7			
					0.50-0.99	496	16.4	32.0	18.2	34.5	7.3	18.0	9.8	3.5	1.5	7.3	21.3	12.4	4.8	3.2			
					1. -1.99	969	16.8	35.9	34.4	55.2	4.9	11.9	14.3	6.5	2.2	4.2	8.7	20.6	7.7	3.8			
					2. -2.99	925	19.5	42.1	43.2	64.4	3.6	10.9	15.0	4.7	2.1	2.2	6.9	26.2	8.1	3.0			
					3. -3.99	907	18.9	42.0	42.2	66.4	3.6	9.6	15.9	5.8	2.2	3.3	6.9	22.2	7.1	2.7			
					4. -5.00	685	16.0	45.1	38.8	63.4	1.4	6.3	12.2	6.0	1.8	1.7	4.5	16.6	6.6	1.8			
					URBAN	0. -5.00	1513	12.9	30.7	24.0	45.1	2.9	10.6	11.2	2.8	1.0	3.2	8.5	15.9	4.5			1.6
					RURAL	0. -5.00	3075	19.8	43.0	39.0	59.3	5.7	13.5	15.5	6.7	2.6	5.2	11.9	21.3	8.0			3.6
					M	0. -5.00	2330	19.0	40.3	34.3	56.7	5.6	14.5	14.7	5.2	2.3	5.1	12.3	21.3	7.2			3.0
					M	0. -0.49	299	18.2	38.2	15.6	28.6	10.9	26.2	16.8	6.1	2.1	12.8	26.9	15.2	6.2			2.8
					M	0.50-0.99	269	19.5	33.9	20.7	37.3	6.5	19.3	9.3	3.6	1.7	7.5	25.3	12.1	4.4			3.2
					M	1. -1.99	477	18.5	40.6	37.1	56.9	6.9	15.6	14.1	5.5	2.7	5.1	10.6	21.8	8.4			3.9
					M	2. -2.99	523	21.2	42.4	43.2	66.3	4.4	11.5	15.2	3.8	1.8	2.4	6.7	28.1	8.5			3.2
					M	3. -3.99	436	20.6	42.3	40.8	72.0	5.0	12.0	17.5	7.1	3.4	4.5	8.8	23.8	7.7			2.6
					M	4. -5.00	325	14.0	41.3	35.0	61.1	1.1	6.9	13.4	5.1	1.7	1.5	5.0	19.1	5.8			1.7
					F	0. -5.00	2258	16.1	37.6	33.6	52.1	4.0	10.5	13.3	5.6	1.8	3.9	9.2	17.7	6.4			2.8
F	0. -0.49	307	14.2	28.8	9.6	20.6	10.2	21.8	12.8	4.1	2.1	11.0	23.5	9.1	3.8	2.6							
F	0.50-0.99	226	12.8	29.8	15.3	31.1	8.2	16.4	10.4	3.4	1.3	7.0	16.4	12.8	5.3	3.2							
F	1. -1.99	492	15.2	31.3	31.9	53.5	3.0	8.3	14.5	7.6	1.7	3.3	6.9	19.4	6.9	3.8							
F	2. -2.99	402	17.4	41.6	43.2	61.8	2.5	10.1	14.8	5.8	2.6	1.8	7.2	23.8	7.5	2.8							
F	3. -3.99	471	17.3	41.7	43.5	61.3	2.3	7.3	14.5	4.5	1.1	2.2	5.1	20.8	6.6	2.8							
F	4. -5.00	359	17.8	48.6	42.5	65.6	1.6	5.7	11.0	6.7	1.8	1.9	4.1	14.3	7.2	1.8							
District		1992-93			0. -2.99	3153	20.9	46.5	28.2	52.8	7.4	22.2	8.3	2.3	0.7	9.0	23.2	8.0	1.9	0.4	Thatta	02929	
					0. -0.49	651	26.4	49.1	27.8	48.6	8.5	22.9	15.3	5.2	2.0	14.8	33.2	5.7	1.2	0.3			
					0.50-0.99	683	23.5	46.2	25.3	52.5	11.4	27.1	8.0	3.0	0.0	14.8	31.5	5.6	2.2	0.3			
					1. -1.99	1118	19.8	46.5	34.6	55.4	4.9	19.6	5.7	1.1	0.4	4.1	15.7	10.8	2.2	0.4			

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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			
District		1992-93			2. -2.99	701	14.9	44.5	21.2	52.9	6.4	20.8	5.9	1.1	0.6	5.9	17.8	8.1	1.6	0.6		02929	
				M	0. -2.99	1672	22.3	49.6	31.3	57.0	8.7	23.4	6.5	1.9	0.9	9.7	23.7	7.0	1.6	0.2			
				M	0. -0.49	299	29.7	50.1	33.6	53.8	7.1	20.9	17.8	8.0	4.3	13	36.2	7.7	2.7	0.7			
				M	0.50-0.99	369	22.5	50.9	25.4	54.2	14.1	29.2	5.0	0.7	0.0	17.7	32.5	3.4	0.7	0.0			
				M	1. -1.99	588	21.4	49.7	38.5	59.6	6.1	23.1	2.9	0.7	0.0	4.2	17.6	8.6	1.8	0.0			
				M	2. -2.99	417	18.2	48.0	24.7	58.3	9.0	20.6	4.7	0.5	0.5	8.1	15.3	7.6	1.3	0.5			
				F	0. -2.99	1481	19.2	43.1	24.6	48.0	5.9	20.8	10.3	2.8	0.4	8.3	22.7	9.1	2.1	0.6			
				F	0. -0.49	352	23.6	48.3	22.8	44.2	9.8	24.6	13.1	2.8	0.0	16.3	30.7	4.0	0.0	0.0			
				F	0.50-0.99	315	24.7	40.7	25.1	50.6	8.2	24.8	11.6	5.7	0.0	11.4	30.2	8.2	4.0	0.8			
				F	1. -1.99	530	17.9	43.0	30.2	50.8	3.7	15.7	9.0	1.5	0.9	4.1	13.5	13.2	2.5	0.9			
				F	2. -2.99	284	10.0	39.4	16.0	44.9	2.6	21.2	7.7	2.0	0.7	2.6	21.4	9.0	2.0	0.7			
National	AUG-SEP	1995			0. -4.99	7368		34.2													Converted estimate	01704	
National	SEP-OCT	2001			0. -5.00	10027	12.7	31.3	21.5	41.5	5.9	14.2	11.9	4.8	2.2	5.5	12.8	15.2	6.3	2.9		02588	
					0. -5.00	458	9.4	22.3	16.3	40.0	2.5	6.8	9.9	2.3	0.5	2.7	7.4	13.0	3.8	0.7	Azad Jammu & Kashmir		
					0. -5.00	573	12.6	27.7	27.4	43.0	8.2	17.9	20.6	11.2	5.3	7.9	17.1	24.0	13.8	7.3	Baluchistan		
					0. -5.00	1245	13.3	30.0	28.8	45.9	4.5	12.6	19.0	8.3	3.5	4.9	11.4	24.0	11.4	4.2	NWFP		
					0. -5.00	383	6.0	17	20.8	43.8	1.3	2.9	23.0	5.8	1.6	1.1	2.4	30.3	7.2	2.7	Northern Areas		
					0. -5.00	5078	10.6	29.0	16.8	37.6	4.9	12.9	8.3	2.7	1.2	4.4	11.3	10.6	3.3	1.5	Punjab		
					0. -5.00	2290	18.7	42.3	28.7	48.0	9.7	20.6	12.7	6.6	3.5	9.0	18.8	16.9	8.7	5.0	Sind		
					0. -0.49	138	10.1	26.8	7.4	18.0	12.8	29.1	17.1	6.8	4.3	17.2	30.3	15.6	8.2	3.3			
					0.50-0.99	703	13.7	28.3	16.3	28.4	12.4	24.8	13.7	5.7	2.2	13.7	28.3	13.5	5.7	2.4			
					1. -1.99	1685	13.2	31.1	23.6	44.4	8.1	17.3	15.9	7.0	3.0	7.5	15.7	21.3	9.4	4.5			
					2. -2.99	2310	12.6	30.6	24.4	43.9	5.8	13.4	10.6	3.9	1.8	5.4	11.3	15.8	6.9	3.1			
					3. -3.99	2453	12.7	32.1	21.4	42.8	4.4	11.4	10.9	4.2	2.1	3.8	10.0	14.2	5.4	2.6			
					4. -5.00	2738	12.2	32.3	20.0	40.9	3.9	12.3	10.6	4.4	2.1	3.5	10.2	12.3	4.7	2.1			
			URBAN		0. -5.00	3644	10.3	29.1	17.7	35.9	5.7	14.4	9.9	3.9	2.1	5.4	13.3	13.2	4.9	2.4			
			RURAL		0. -5.00	6383	14.0	32.6	23.7	44.8	6.0	14.1	13.0	5.3	2.3	5.6	12.5	16.4	7.0	3.2			
				M	0. -5.00	5287	13.1	31.6	22.4	42.2	6.2	15.1	11.7	4.8	2.3	5.6	13.2	15.5	6.2	2.9			
				M	0. -0.49	79	11.4	27.8	10.0	21.4	14.3	32.9	20.0	8.6	7.1	18.1	31.9	18.1	9.7	5.6			
				M	0.50-0.99	387	16.3	33.3	19.3	34.4	12.8	25.9	13.7	7.0	2.6	13.2	28.4	13.8	7.2	2.9			

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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	SEP-OCT	2001		M	1. -1.99	896	13.5	31.8	26.0	47.0	9.1	18.6	13.2	5.4	1.9	8.2	17.4	20.3	7.9	3.7		02588	
				M	2. -2.99	1230	12.3	31.2	24.7	45.2	5.3	13.8	10.5	3.8	1.9	5.0	10.9	15.7	7.0	3.4			
				M	3. -3.99	1263	13.7	32.2	21.9	42.8	5.1	12.3	11.2	4.3	2.7	3.9	10.4	15.2	5.3	2.8			
				M	4. -5.00	1432	12.1	31.0	20.2	39.2	4.0	12.8	11.4	5.1	2.4	3.3	10.3	13.1	4.9	2.1			
				F	0. -5.00	4740	12.2	31.0	20.6	40.8	5.5	13.2	12.0	4.8	2.1	5.4	12.3	14.9	6.3	2.8			
				F	0. -0.49	59	8.5	25.4	3.8	13.5	10.6	23.4	12.8	4.3	0.0	16.0	28.0	12.0	6.0	0.0			
				F	0.50-0.99	316	10.4	22.2	12.8	21.1	11.9	23.4	13.6	4.2	1.7	14.2	28.1	13.2	3.8	1.7			
				F	1. -1.99	789	12.8	30.3	20.8	41.4	7.1	15.8	18.9	8.8	4.3	6.7	13.7	22.6	11.0	5.5			
				F	2. -2.99	1080	13.1	30.0	24.1	42.5	6.4	12.9	10.8	4.1	1.8	5.8	11.8	16.0	6.7	2.8			
				F	3. -3.99	1190	11.7	31.9	20.8	42.9	3.7	10.4	10.7	4.1	1.5	3.6	9.6	13.3	5.4	2.4			
				F	4. -5.00	1306	12.3	33.7	19.8	42.8	3.8	11.8	9.8	3.7	1.7	3.6	10.2	11.5	4.5	2.1			