

INDIA

INDIA																						
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 Rural		1974-79			0. -4.99	6525		67.3		75.1											8 States; converted estimates	00396
National Rural		1988-90			0. -4.99	13548		59.5		66.2											8 States; converted estimates	00405
National Rural		1991-92			0. -4.99	2948		56.6		65.4											8 States; converted estimates	00387
National	APR-SEP	1992-93			0. -3.99	38418	24.3	50.7	34.6	57.1	7.7	21.1	8.3	3.2	1.4	7.0	18.4	11.6	4.2	1.7		01549
					0. -3.99	2599	19.3	46.8	.	.	.	.	.	.	.	.	.	.	.	.	Andhra Pradesh	
					0. -3.99	44	14.1	35.7	37.2	59.0	6.4	13.4	19.3	9.1	4.8	6.5	12.6	27.2	11.6	5.9	Arunachal Pradesh	
					0. -3.99	1136	20.1	46.4	33.1	58.2	3.5	13.6	7.3	2.1	0.7	3.0	12.1	9.3	2.6	1.0	Assam	
					0. -3.99	4371	36.2	60.7	44.1	64.6	10.6	27.8	9.9	3.7	1.4	9.5	23.2	13.8	5.5	2.1	Bihar	
					0. -3.99	40	11.0	31.7	16.5	38.2	5.8	17.3	8.1	2.3	0.8	5.2	16.3	10.4	2.7	1.1	Goa	
					0. -3.99	1791	20.4	45.8	31.3	53.9	8.5	21.9	9.9	3.5	1.3	7.9	18.7	13.8	6.0	2.5	Gujarat	
					0. -3.99	895	10.0	34.2	25.8	53.8	2.3	7.9	8.2	1.1	0.2	2.4	7.5	11.5	2.0	0.2	Haryana	
					0. -3.99	259	14.7	42.4	.	.	.	.	.	.	.	.	.	.	.	.	Himachal Pradesh	
					0. -3.99	165	15.6	38.2	23.8	47.8	6.1	16.7	9.0	3.3	1.3	5.3	15.0	11.7	4.8	1.9	Jammu	
					0. -3.99	1891	21.5	49.8	28.2	54.0	5.5	20.5	3.8	0.9	0.2	4.9	17.6	6.0	1.2	0.3	Karnataka	
					0. -3.99	1001	6.5	23.5	13.5	35.6	2.9	12.5	9.6	3.3	1.4	2.7	10.8	11.4	3.5	1.4	Kerala	
					0. -3.99	3240	31.8	58.3	.	.	.	.	.	.	.	.	.	.	.	.	Madhya Pradesh	
					0. -3.99	3369	23.1	51.9	29.3	53.9	9.5	23.7	4.4	1.4	0.9	8.4	20.4	6.9	1.6	0.6	Maharashtra	
					0. -3.99	95	8.5	24.5	21.8	41.3	3.4	8.8	13.4	4.3	1.4	3.4	8.3	16.1	5.6	1.8	Manipur	
					0. -3.99	78	19.4	40.3	43.5	55.2	10.1	19.7	30.6	17.5	8.1	7.4	18.1	36.1	25.2	11.6	Meghalaya	
					0. -3.99	27	5.8	20.2	20.3	47.2	0.8	3.8	22.8	6.6	2.2	0.5	3.5	27.9	9.5	3.5	Mizoram	
					0. -3.99	55	9.5	23.6	18.6	37.6	5.4	12.7	16.7	6.3	2.9	5.1	11.6	19.7	7.6	3.4	Nagaland	
					0. -3.99	463	13.7	37.6	25.8	49.7	4.5	14.6	7.6	2.2	1.1	4.7	12.8	12.0	3.1	1.5	New Delhi	
					0. -3.99	1257	23.7	51.3	31.8	53.6	8.2	24.9	9.5	4.9	2.3	7.6	21.1	10.5	5.5	2.6	Orissa	
					0. -3.99	860	15.8	41.1	21.3	46.8	5.9	19.8	5.0	1.5	0.7	6.1	19.0	7.0	1.7	0.7	Punjab	
					0. -3.99	1906	23.3	42.4	31.0	46.9	12.1	22.3	21.0	11.4	5.3	11.2	21.5	23.8	13.3	6.6	Rajasthan	
					0. -3.99	1824	15.6	43.0	.	.	.	.	.	.	.	.	.	.	.	.	Tamil Nadu	
					0. -3.99	93	18.8	44.0	25.3	53.3	3.4	18.9	5.1	0.0	0.0	2.0	13.1	5.7	0.3	0.0	Tripura	
					0. -3.99	8078	28.4	55.6	42.0	64.4	7.0	20.1	7.0	2.5	1.2	6.3	17.8	11.3	3.3	1.1	Uttar Pradesh	
					0. -3.99	2883	22.3	54.0	West Bengal	
					0. -0.49	5366	18.8	38.6	13.8	27.2	12.2	27.6	10.4	5.2	3.2	14.8	33.7	7.6	3.9	2.0		

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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	APR-SEP	1992-93	URBAN RURAL		0.50-0.99	5004	20.2	43.7	19.0	39.5	10.0	25.0	8.6	3.8	2.0	10.9	27.9	7.6	3.0	1.6		01549	
					1. -1.99	10215	26.3	53.6	35.0	59.3	9.1	26.6	6.6	2.6	1.0	6.6	19.6	10.1	3.7	1.6			
					2. -2.99	8934	26.3	54.6	43.3	68.9	6.0	17.7	7.6	2.7	1.0	4.3	12.7	14.6	4.8	1.9			
					3. -3.99	8899	25.6	54.5	46.6	71.0	3.8	12.1	9.8	2.8	0.9	3.2	8.5	14.9	5.0	1.5			
					0. -3.99	8931	17.6	41.8	27.4	50.4	6.9	18.7	7.5	2.3	1.1	6.3	16.4	10.9	3.2	1.2			
					0. -3.99	29487	26.3	53.3	36.7	59.2	7.9	21.8	8.6	3.5	1.5	7.2	19.0	11.9	4.5	1.8			
					M	0. -3.99	19510	24.9	52.4	35.7	58.5	8.6	22.8	8.4	3.2	1.4	7.8	19.2	11.9	4.4			1.7
					M	0. -0.49	2632	21.8	41.9	16.4	30.6	13.1	28.2	10.8	5.5	3.3	17.4	35.4	7.5	4.0			1.9
					M	0.50-0.99	2580	22.1	47.0	20.9	41.3	11.9	26.9	8.9	4.1	1.9	12.9	29.6	8.3	3.1			1.5
					M	1. -1.99	5185	28.2	56.9	35.3	60.6	10.4	28.8	5.9	2.5	1.0	7.5	20.6	9.7	3.3			1.6
					M	2. -2.99	4500	25.8	54.7	43.9	69.2	6.6	20.3	7.4	2.3	0.8	4.5	13.6	14.9	4.6			1.8
					M	3. -3.99	4612	23.4	54.4	47.1	71.1	4.4	13.0	10.4	3.2	1.0	3.2	8.2	15.8	6.1			1.9
					F	0. -3.99	18908	23.7	48.8	33.4	55.7	6.7	19.3	8.3	3.1	1.4	6.1	17.7	11.4	4.0			1.6
					F	0. -0.49	2734	16.0	35.3	11.2	24.0	11.4	27.1	10.0	4.9	3.0	12.4	32.0	7.8	3.9			2.0
					F	0.50-0.99	2425	18.2	40.3	17.0	37.6	8.0	23.0	8.3	3.6	2.0	8.9	26.2	6.9	2.9			1.7
F	1. -1.99	5029	24.3	50.2	34.7	58.0	7.8	24.3	7.3	2.6	1.0	5.7	18.6	10.6	4.0	1.6							
F	2. -2.99	4434	26.8	54.5	42.7	68.6	5.3	15.1	7.7	3.2	1.2	4.0	11.8	14.4	5.0	1.9							
F	3. -3.99	4287	27.9	54.7	46.0	70.8	3.3	11.1	9.2	2.5	0.8	3.2	8.7	13.9	3.8	1.1							
National Rural		1996-97			0. -4.99	22959		41.1		48.5		19.3								11 States; converted estimates	01923		
National		1998-99			0. -2.99	26403	20.0	44.4	28.2	51.0	7.0	19.8	9.1	3.6	1.6	6.6	17.7	11.7	4.5	2.0	02180		
					0. -0.49	5148	14.5	34.3	11.4	27.4	10.3	24.4	12.1	5.2	2.3	12.6	29.3	9.2	4.2	1.9			
					0.50-0.99	4234	16.0	38.4	16.6	36.5	7.9	22.7	8.8	3.7	1.8	8.7	24	8.7	3.6	1.8			
					1. -1.99	8851	21.7	47.0	32.7	58.4	7.2	21.0	8.6	3.5	1.3	5.2	15.6	12.7	5.0	2.0			
					2. -2.99	8167	23.6	51.2	40.2	65.8	4.4	14.4	8.0	2.8	1.4	3.2	9.7	13.8	4.5	1.9			
			URBAN		0. -2.99	6098	12.9	35.3	19.9	41.2	5.5	16.5	9.6	3.0	1.3	5.2	14.6	11.8	3.9	1.4			
			RURAL		0. -2.99	20305	22.1	47.2	30.7	54.0	7.4	20.9	9.0	3.8	1.7	7.0	18.7	11.7	4.6	2.1			
				M	0. -2.99	13691	19.8	45.0	28.5	51.2	7.5	20.5	9.5	3.9	1.8	6.9	18.1	12.3	4.8	2.1			
				M	0. -0.49	2687	14.8	35.6	13.1	27.9	11.0	25.3	13.1	6.1	2.8	13.4	30.4	10.2	4.9	2.3			
				M	0.50-0.99	2267	16.4	40.2	17.2	38.1	8.0	22.4	9.3	3.8	1.9	8.9	23.7	9.2	3.9	1.8			
				M	1. -1.99	4488	22.4	48.6	33.6	59.0	7.9	22.0	8.7	3.7	1.3	5.8	16.4	13.1	5.3	2.3			

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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		1998-99		M	2. -2.99	4245	22.1	49.7	38.9	65.0	4.6	15.0	8.3	2.9	1.6	3.1	9.4	14.4	4.8	1.9		02180	
				F	0. -2.99	12713	20.1	43.8	27.9	50.9	6.5	19.2	8.7	3.3	1.5	6.2	17.3	11.1	4.0	1.8			
				F	0. -0.49	2460	14.1	32.8	9.5	26.9	9.4	23.5	11.0	4.1	1.8	11.8	28.1	8.0	3.3	1.6			
				F	0.50-0.99	1967	15.5	36.4	15.8	34.6	7.8	23.1	8.3	3.5	1.8	8.5	24.3	8.2	3.4	1.9			
				F	1. -1.99	4363	20.9	45.3	31.8	57.8	6.5	20.1	8.5	3.3	1.4	4.7	14.7	12.3	4.6	1.7			
				F	2. -2.99	3922	25.3	52.9	41.5	66.8	4.1	13.7	7.7	2.7	1.2	3.3	9.9	13.1	4.2	2.0			
Regional National		2004-05 2005-06	RURAL		0. -5.00	5837	14.1	40.3	19.5	44.6	6.9	19.9				6.1	16.3		2.5	10 States	02821		
					0. -5.00	49233	17.4	43.5	23.8	47.9	6.8	20.0	5.5	1.9	0.8	6.0	17.0	7.7	2.6	1.0	02799		
					0. -5.00	2738	10.7	32.9	19.4	43.7	3.8	12.2	8.4	3.2	1.4	3.8	11.4	11.7	4.1	1.7	Andhra Pradesh		
					0. -5.00	63	14.3	34.9	22.4	43.6	6.5	15.4	11.4	4.6	1.7	6.8	14.7	15.4	5.5	1.5	Arunachal Pradesh		
					0. -5.00	1237	12.8	37.7	21.7	46.9	4.2	13.5	6.0	1.8	0.7	4.3	12.1	7.4	2.6	1.2	Assam		
					0. -5.00	5824	25.4	56.4	28.1	54.8	8.6	27.9	2.0	0.4	0.2	6.9	22.4	2.6	0.4	0.2	Bihar		
					0. -5.00	1154	17.8	48.0	25.4	53.3	6.0	19.4	4.5	1.5	0.8	6.0	17.1	6.7	1.6	0.7	Chhattisgarh		
					0. -5.00	323	10.2	27.7	19.9	41.5	6.8	15.1	13.5	4.8	1.4	7.1	15.1	16.4	6.2	1.9	Delhi		
					0. -5.00	44	6.9	24.9	10.9	26.4	6.2	14.6	11.8	4.9	2.7	5.4	13.4	12.2	5.1	2.4	Goa		
					0. -5.00	2377	17.7	45.3	25.7	51.9	6.2	18.8	5.4	1.6	0.4	4.4	15	7.4	2.3	0.6	Gujarat		
					0. -5.00	947	14.8	39.9	19.8	45.7	5.5	19.3	5.0	1.8	0.6	4.2	14.9	6.0	1.8	0.5	Haryana		
					0. -5.00	233	12.4	36.5	16.3	38.5	6.1	19.7	3.8	1.2	0.5	4.5	15.9	5.7	1.9	0.8	Himachal Pradesh		
					0. -5.00	385	8.7	26.3	15.1	34.6	4.8	14.9	8.3	2.6	1.2	5.1	13.9	10.3	2.9	1.0	Jammu and Kashmir		
					0. -5.00	1613	28.1	57.8	26.6	49.4	12.2	32.8	2.5	1.0	0.4	10.6	26.2	4.2	1.3	0.6	Jharkhand		
					0. -5.00	1972	14.8	39.1	20.6	42.9	6.2	17.9	6.8	3.1	1.0	6.3	15.6	8.9	3.1	0.9	Karnataka		
					0. -5.00	976	5.6	23.9	7.2	25.1	4.1	15.6	6.8	1.6	0.7	4.7	14.4	8.5	1.8	0.8	Kerala		
					0. -5.00	3635	29.0	60.8	26.4	49.8	13.1	35.4	2.3	1.2	0.4	11.1	30.2	3.5	1.7	0.5	Madhya Pradesh		
					0. -5.00	3483	14.0	38.3	20.2	47.3	5.4	16.2	8.2	3.4	1.4	5.7	13.9	10.8	4.9	2.5	Maharashtra		
					0. -5.00	106	5.2	22.4	13.8	36.4	2.3	9.3	7.8	2.2	0.7	2.0	8.1	10.8	2.8	1.0	Manipur		
					0. -5.00	145	38.3	57.6	26.6	49.9	20.2	30.5	11.4	3.8	1.5	18.9	27.7	15.7	6.9	2.9	Meghalaya		
	0. -5.00	50	6.0	20.7	18.3	40.4	4.0	9.2	13.2	5.1	2.8	5.0	9.1	18.0	6.4	3.4	Mizoram						
	0. -5.00	92	9.3	26.7	19.9	39.1	6.1	14.1	11.5	5.1	1.8	5.8	11.7	14.2	6.5	2.6	Nagaland						
	0. -5.00	1819	14.5	41.6	21.0	45.6	5.4	19.1	5.0	2.2	0.9	5.2	18.0	7.0	3.2	1.5	Orissa						
	0. -5.00	995	9.0	25.8	17.4	36.4	2.2	9.0	8.7	1.5	0.3	2.0	7.1	10.5	2.1	0.3	Punjab						

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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		2005-06			0. -5.00	3381	17.5	41.5	22.7	42.9	7.7	20.7	5.4	2.1	1.0	6.7	18.3	8.0	3.1	0.9	Rajasthan	02799	
					0. -5.00	23	6.5	20.5	18.8	39.8	3.5	9.8	23.6	10.8	4.8	3.6	9.3	25.9	13.5	6.9	Sikkim		
					0. -5.00	2001	7.7	31.1	11.2	31.0	9.5	22.7	8.2	4.3	2.0	9.3	19.6	9.1	5.1	1.8	Tamil Nadu		
					0. -5.00	153	17.8	40.9	15.8	36.8	8.7	23.8	5.7	2.4	0.8	8.6	23.4	6.3	2.7	1.5	Tripura		
					0. -5.00	358	17.6	39.2	23.2	44.3	5.3	19.0	7.1	3.0	1.6	4.7	15.6	8.5	4.2	1.6	Uttaranchal		
					0. -5.00	9240	18.0	43.7	32.8	56.8	5.3	15.0	5.9	1.6	0.7	4.7	12.8	9.8	2.6	0.8	Uttar Pradesh		
					0. -5.00	3868	12.3	39.6	17.5	44.1	4.7	17.5	5.3	2.0	0.7	4.5	14.5	7.0	2.4	0.9	West Bengal		
					0. -0.49	4921	13.8	32.2	11.1	22.6	13.7	30.5	9.5	4.6	2.3	14.1	33.1	8.6	5.0	2.6			
					0.50-0.99	4818	15.3	36.8	12.4	30.3	10.4	28.7	7.8	3.0	1.2	11.3	30.0	8.0	3.4	1.1			
					1. -1.99	9710	18.8	44.6	27.6	54.1	7.5	22.2	6.4	2.1	0.7	5.8	16.6	10.6	3.5	1.1			
					2. -2.99	9797	19.4	46.1	27.9	54.6	5.6	17.8	4.4	1.1	0.4	4.5	13.7	8.3	1.9	0.7			
					3. -3.99	10223	18.1	46.9	28.0	54.0	5.0	15.6	4.5	1.4	0.6	4.2	11.8	6.7	2.0	0.7			
					4. -5.00	9765	15.9	45.1	23.3	49.6	4.1	15.8	3.8	1.6	0.7	3.3	12.2	4.8	1.7	0.7			
					URBAN	0. -5.00	11996	12.2	33.9	18.1	39.8	6.0	17.1	7.9	2.9	1.1	5.8	15.1	10.2	3.6	1.4		
					RURAL	0. -5.00	37237	19.0	46.6	25.7	50.6	7.0	21.0	4.7	1.6	0.7	6.1	17.6	6.9	2.3	0.9		
					M	0. -5.00	25721	17.1	43.1	24.1	47.9	7.1	20.7	5.7	2.2	0.9	6.1	17.0	8.0	2.8	1.1		
					M	0. -0.49	2438	14.1	31.5	10.9	22.8	14.5	30.2	10.4	5.9	2.9	14.4	33.5	9.4	5.3	2.8		
					M	0.50-0.99	2467	16.0	37.5	14.2	31.6	10.3	27.0	7.8	3.0	1.4	11.3	28.9	8.0	3.5	1.0		
					M	1. -1.99	5155	19.1	45.2	29.4	54.2	7.6	22.9	6.7	2.3	0.9	5.7	16.3	11.0	3.9	1.3		
					M	2. -2.99	5187	19.3	46.1	28.2	54.9	6.3	19.9	4.3	1.1	0.4	4.9	14.4	8.0	1.7	0.6		
					M	3. -3.99	5283	17.2	46.1	27.7	52.9	5.8	17.2	4.9	1.4	0.5	4.4	12.6	7.2	2.2	0.9		
					M	4. -5.00	5190	14.5	42.9	21.6	48.3	4.4	15.9	4.1	2.0	0.8	3.2	11.9	5.3	2.2	0.9		
					F	0. -5.00	23513	17.7	43.9	23.5	48	6.3	19.3	5.2	1.7	0.6	6.0	17.0	7.3	2.4	0.9		
					F	0. -0.49	2483	13.5	33.0	11.3	22.4	12.9	30.9	8.6	3.3	1.7	13.8	32.7	7.8	4.7	2.4		
					F	0.50-0.99	2351	14.6	36.1	10.5	29.0	10.4	30.4	7.8	3.0	0.9	11.3	31.3	7.9	3.2	1.2		
					F	1. -1.99	4554	18.5	43.9	25.7	53.9	7.3	21.5	6.0	1.8	0.5	5.9	16.9	10.1	3.1	0.8		
					F	2. -2.99	4609	19.5	46.0	27.6	54.2	4.9	15.4	4.6	1.2	0.3	4.2	13.0	8.6	2.1	0.8		
					F	3. -3.99	4940	19.1	47.9	28.3	55.2	4.2	13.8	4.1	1.3	0.7	3.9	10.9	6.0	1.7	0.5		
F	4. -5.00	4575	17.5	47.6	25.1	51.2	3.7	15.8	3.5	1.1	0.5	3.4	12.5	4.2	1.1	0.5							