

APPENDIX 8
Percentile Distribution of Horizontal Reaches.

TABLE : 69. Percentile Distribution of Horizontal Reaches (N=526).

Horizontal reaches (cm)	Variables	Percentiles	5th	10th	20th	30th	40th	50th	60th	70th	80th	90th	95th
Elbow height	Elbow height	87.20	88.70	90.40	91.60	92.68	93.90	94.80	95.80	97.30	99.06	101.67	
Max. two handed	Elbow height	37.00	38.50	40.00	41.00	42.50	44.00	45.00	46.95	48.00	50.15	53.83	
	5 cm below elbow height	34.00	36.00	37.50	39.00	40.00	41.00	42.50	44.00	45.00	47.00	50.00	
	10 cm below elbow height	31.00	33.00	35.00	37.00	38.00	39.25	40.00	41.50	43.00	46.00	48.00	
Max. reach for one hand (right hand)	Elbow height	40.50	41.50	44.00	45.00	46.00	47.50	48.00	50.00	51.00	54.00	56.50	
	5 cm below elbow height	37.50	39.00	41.00	42.00	43.00	45.00	46.00	47.00	48.00	51.00	53.83	
	10 cm below elbow height	35.00	37.00	39.00	40.00	42.00	43.00	44.00	45.00	47.00	50.00	52.83	