



IDEAL BODY WEIGHT (IBW) / TIDAL VOLUME CHART													
MALES							FEMALES						
HEIGHT			IBW Male	6 ml/kg	7 ml/kg	8 ml/kg	HEIGHT			IBW Female	6 ml/kg	7 ml/kg	8 ml/kg
Feet	Inches	cm					Feet	Inches	cm				
4' 0"	48	121.92	22.4	130	160	180	4' 0"	48	121.92	17.9	110	120	140
4' 1"	49	124.46	24.7	150	170	200	4' 1"	49	124.46	20.2	120	140	160
4' 2"	50	127	27	160	190	220	4' 2"	50	127	22.5	140	160	180
4' 3"	51	129.54	29.3	180	200	230	4' 3"	51	129.54	24.8	150	170	200
4' 4"	52	132.08	31.6	190	220	250	4' 4"	52	132.08	27.1	160	190	220
4' 5"	53	134.62	33.9	200	240	270	4' 5"	53	134.62	29.4	180	210	230
4' 6"	54	137.16	36.2	220	250	290	4' 6"	54	137.16	31.7	190	220	250
4' 7"	55	139.7	38.5	230	270	310	4' 7"	55	139.7	34	200	240	270
4' 8"	56	142.24	40.8	245	290	330	4' 8"	56	142.24	36.3	220	250	290
4' 9"	57	144.78	43.1	260	300	350	4' 9"	57	144.78	38.6	230	270	310
4' 10"	58	147.32	45.4	270	320	360	4' 10"	58	147.32	40.9	250	290	330
4' 11"	59	149.86	47.7	290	330	380	4' 11"	59	149.86	43.2	260	300	350
5' 0"	60	152.4	50	300	350	400	5' 0"	60	152.4	45.5	270	320	360
5' 1"	61	154.94	52.3	310	370	420	5' 1"	61	154.94	47.8	290	330	380
5' 2"	62	157.48	54.6	330	380	440	5' 2"	62	157.48	50.1	300	350	400
5' 3"	63	160.02	56.9	340	400	450	5' 3"	63	160.02	52.4	310	370	420
5' 4"	64	162.56	59.2	350	410	470	5' 4"	64	162.56	54.7	330	380	440
5' 5"	65	165.1	61.5	370	430	490	5' 5"	65	165.1	57	340	400	460
5' 6"	66	167.64	63.8	380	450	510	5' 6"	66	167.64	59.3	360	410	470
5' 7"	67	170.18	66.1	400	460	530	5' 7"	67	170.18	61.6	370	430	490
5' 8"	68	172.72	68.4	410	480	550	5' 8"	68	172.72	63.9	380	450	510
5' 9"	69	175.26	70.7	420	500	570	5' 9"	69	175.26	66.2	400	460	530
5' 10"	70	177.8	73	440	510	580	5' 10"	70	177.8	68.5	410	480	550
5' 11"	71	180.34	75.3	450	530	600	5' 11"	71	180.34	70.8	420	500	570
6' 0"	72	182.88	77.6	470	540	620	6' 0"	72	182.88	73.1	440	510	580
6' 1"	73	185.42	79.9	480	560	640	6' 1"	73	185.42	75.4	450	530	600
6' 2"	74	187.96	82.2	490	570	660	6' 2"	74	187.96	77.7	470	540	620
6' 3"	75	190.5	84.5	510	590	680	6' 3"	75	190.5	80	480	560	640
6' 4"	76	193.04	86.8	520	610	690	6' 4"	76	193.04	82.3	490	580	660
6' 5"	77	195.58	89.1	530	620	710	6' 5"	77	195.58	84.6	510	590	680
6' 6"	78	198.12	91.4	550	640	730	6' 6"	78	198.12	86.9	520	610	700
6' 7"	79	200.66	93.7	560	660	750	6' 7"	79	200.66	89.2	530	620	710
6' 8"	80	203.2	96	580	670	770	6' 8"	80	203.2	91.5	550	640	730
6' 9"	81	205.74	98.3	590	690	790	6' 9"	81	205.74	93.8	560	660	750
6' 10"	82	208.28	100.6	600	700	800	6' 10"	82	208.28	96.1	580	670	770
6' 11"	83	210.82	102.9	620	720	820	6' 11"	83	210.82	98.4	590	690	780
7' 0"	84	213.36	105.2	630	740	840	7' 0"	84	213.36	100.7	600	710	810

Modified from ARDSNet & National NIH

Males IBW Calculation: $50\text{kg} + 0.91\text{kg} * (\text{height in cm} - 152.4)$

Females IBW Calculation: $45.5\text{kg} + 0.91\text{kg} * (\text{height in cm} - 152.4)$