

TABLE I
Organ Mass and Metabolic Rate in Humans

Organ	Organ Mass (kg)	% Body Mass	Mass-Specific Organ Metabolic Rate (W.Kg ⁻¹)	Total Organ Metabolic Rate (W)	% Total Body BMR
Brain	1.3	2.0	11.2	14.6	16.1
Heart	0.3	0.5	32.3	9.7	10.7
Kidney	0.3	0.5	23.3	7.0	7.7
Liver	1.4	2.2	12.2	{ 17.1	18.9
Gastro-intestinal tract	1.1	1.7		{ 13.4	14.8
Total	4.4	6.8		61.7	68.1
Skeletal muscle	27.0	41.5	0.5	13.5	14.9
Lung	0.6	0.9	6.7	4.0	4.4
Skin	5.0	7.7	0.3	1.5	1.7
Grand total	37.0	56.9		80.8	89.1

NOTE: Data for a 65-kg male with a BMR of 90.6 W (Aschoff, Günther, and Kramer 1971).

ASCHOFF, J., B. GUNTHER, AND K. KRAMER. 1971. Energie- haushalt und
 Temperaturregulation. Munich: Urban and Schwarzenberg.