

Table 1.11. Mass and volume of the organs of the human body. (Using data from [42])

fluid, tissue, organ, or system	total mass (g)	total volume (cm ³)
adult male body	70,000	60,000
muscle	30,000	23,000
fat	10,500	12,000
skin	2,000	1,800
subcutaneous tissue	4,100	3,700
skeleton	10,000	6,875
gastrointestinal track	2,000	1,800
contents (chyme/feces)	~2,000	~2,000
blood vessels	1,800	1,700
contents (blood)	5,600	5,400
liver	1,650	1,470
brain	1,400	1,350
lungs (2)	825	775
contents (air)	~7.7	~6,000
heart	330	300
chamber volume	–	450
kidneys (2)	300	270
urinary bladder	150	140
contents (urine)	~500	~500
digestive fluids	~150	~150
pancreas	110	100
salivary glands (6)	50	48
synovial fluid	~50	~50
teeth (32)	42	14
eyes (2)	30	27
hair (average haircut)	21	16
gall bladder	7	7
contents (bile)	~50	~50
fingernails and toenails (20)	1.1	0.9