

TABLE I
Chemical Composition of Adult Human Body

Parts analyzed	Per cent of total body	Chemical composition						Heat of combustion <i>calories per gm.</i>
		Water	Ether extract	Crude protein (N X 6.25)	Ash	Calcium	Phosphorus	
		<i>per cent</i>	<i>per cent</i>	<i>per cent</i>	<i>per cent</i>	<i>per cent</i>	<i>per cent</i>	
Skin.....	7.81	64.68	13.00	22.19	0.68	0.0205	0.060	2.292
Skeleton.....	14.84	31.81	17.18	18.93	28.91	11.02	4.83	2.497
Teeth.....	0.06	5.00*		23*	70.90	24.42	11.81	
Striated muscle.....	31.56	79.52	3.35	16.50	0.93	0.0099	0.116	1.239
Brain, spinal cord, and nerve trunks.....	2.52	73.33	12.68	12.06	1.37	0.0188	0.352	1.905
Liver.....	3.41	71.46	10.35	16.19	0.88	0.0102	0.148	2.196
Heart†.....	0.69	73.69	9.26	15.88	0.80	0.0078	0.113	1.824
Lungs‡.....	4.15	83.74	1.54	13.38	0.95	0.0116	0.114	0.985
Spleen.....	0.19	78.69	1.19	17.81	1.13	0.0079	0.217	1.193
Kidneys.....	0.51	79.47	4.01	14.69	0.96	0.0130	0.174	1.326
Pancreas.....	0.16	73.08	13.08	12.69	0.93	0.0143	0.155	1.979
Alimentary tract.....	2.07	79.07	6.24	13.19	0.86	0.0125	0.115	1.339
Adipose tissue.....	13.63	50.09	42.44	7.06	0.51	0.0116	0.048	4.165
Remaining tissues								
Liquid.....	3.79	93.33	0.17	5.68	0.94	0.0054	0.066	0.382
Solid.....	13.63	70.40	12.39	16.06	1.01	0.0675	0.053	2.040
Contents of alimentary tract.	0.80							
Bile.....	0.15							
Hair.....	0.03							
Total body, weighing 70.55 kilos.....	100.00	67.85	12.51	14.39	4.84	1.596	0.771	1.930

* Assumed.

† Somewhat enlarged.

‡ Somewhat congested.