

TESTOSTERONE TOTAL NG/DL	ESTRADIOL PG/ML PREDICTED	DHT NG/DL PREDICTED	T/E2 RATIO nd/dL div pg/mL	PERCENT E2 of TT	PERCENT DHT of TT
50	4.5	5.5	11.0	0.91	11.0
100	8.8	10.8	11.4	0.88	10.8
125	10.8	13.4	11.5	0.87	10.7
175	14.7	18.4	11.9	0.84	10.5
225	18.4	23.2	12.3	0.82	10.3
275	21.8	27.8	12.6	0.79	10.1
325	25.0	32.3	13.0	0.77	9.9
375	28.1	36.5	13.3	0.75	9.7
425	31.0	40.7	13.7	0.73	9.6
475	33.8	44.7	14.1	0.71	9.4
525	36.4	48.5	14.4	0.69	9.2
575	38.9	52.3	14.8	0.68	9.1
625	41.3	55.9	15.1	0.66	8.9
675	43.5	59.3	15.5	0.64	8.8
725	45.7	62.7	15.9	0.63	8.6
775	47.7	66.0	16.2	0.62	8.5
825	49.7	69.1	16.6	0.60	8.4
875	51.6	72.2	17.0	0.59	8.3
925	53.4	75.2	17.3	0.58	8.1
975	55.1	78.1	17.7	0.57	8.0
1025	56.8	80.9	18.0	0.55	7.9
1075	58.4	83.6	18.4	0.54	7.8
1125	60.0	86.2	18.8	0.53	7.7
1175	61.4	88.8	19.1	0.52	7.6
1225	62.9	91.3	19.5	0.51	7.5
1275	64.2	93.7	19.8	0.50	7.4
1325	65.6	96.1	20.2	0.49	7.3
1375	66.8	98.4	20.6	0.49	7.2
1425	68.1	100.6	20.9	0.48	7.1
1475	69.3	102.8	21.3	0.47	7.0
1525	70.4	104.9	21.7	0.46	6.9
1575	71.5	107.0	22.0	0.45	6.8
1625	72.6	109.0	22.4	0.45	6.7
1675	73.7	111.0	22.7	0.44	6.6
1725	74.7	112.9	23.1	0.43	6.5
1775	75.6	114.8	23.5	0.43	6.5
1825	76.6	116.7	23.8	0.42	6.4
1875	77.5	118.4	24.2	0.41	6.3
1925	78.4	120.2	24.5	0.41	6.2
1975	79.3	121.9	24.9	0.40	6.2
2025	80.1	123.6	25.3	0.40	6.1
2075	80.9	125.2	25.6	0.39	6.0
2125	81.7	126.8	26.0	0.38	6.0
2175	82.5	128.4	26.4	0.38	5.9
2225	83.3	129.9	26.7	0.37	5.8

REFERENCE:

J Clin Endocrinol Metab. 2010 Aug; 95(8): 3955–3964.

[The Effects of Injected Testosterone Dose and Age on the Conversion of Testosterone to Estradiol and Dihydrotestosterone in Young and Older Men](#)

Equations (older men):

Estradiol= $138.3 \times TT / (1470.1 + TT)$

DHT= $269.4 \times TT / (2389.6 + TT)$

TT= Total Testosterone