

Maximum Theoretical Blood Alcohol Concentration Calculator:

This estimates a subject's maximum theoretical Blood Alcohol Concentration. Find the subject's weight, and how many Standard Drinks consumed to determine their Maximum Theoretical BAC. For each hour from the **beginning** of consumption, **SUBTRACT** between 0.010 - 0.020 grams per hour.

- EXAMPLE – Male, 180 lbs, 5 Standard Drinks = .105 – 3 hrs since start (subtract -.030 -.060) = Range .075 - .045

BODY WEIGHT	NUMBER OF STANDARD DRINKS FOR MALES											
	1	2	3	4	5	6	7	8	9	10	11	12
100 lb.	.038	.076	.114	.152	.190	.228	.266	.304	.342	.380	.418	.456
110 lb.	.034	.068	.102	.136	.170	.204	.238	.272	.306	.340	.374	.408
120 lb.	.031	.063	.094	.125	.155	.186	.217	.248	.279	.310	.341	.372
130 lb.	.029	.058	.087	.116	.145	.174	.203	.232	.261	.290	.320	.348
140 lb.	.027	.054	.081	.108	.135	.162	.189	.216	.243	.270	.297	.324
150 lb.	.025	.050	.075	.100	.125	.150	.175	.200	.225	.250	.275	.300
160 lb.	.023	.046	.069	.092	.115	.138	.161	.184	.207	.230	.253	.276
170 lb.	.022	.044	.066	.088	.110	.132	.154	.176	.198	.220	.242	.264
180 lb.	.021	.042	.063	.084	.105	.126	.147	.168	.189	.210	.231	.252
190 lb.	.020	.040	.060	.080	.100	.120	.140	.160	.180	.200	.220	.240
200 lb.	.019	.038	.057	.076	.095	.114	.133	.152	.171	.190	.209	.228
210 lb.	.018	.036	.054	.072	.090	.108	.126	.144	.162	.180	.198	.216
220 lb.	.017	.034	.051	.068	.085	.102	.119	.136	.153	.170	.187	.204
230 lb.	.016	.032	.048	.064	.080	.096	.112	.128	.144	.160	.176	.192
240 lb.	.015	.030	.045	.060	.075	.090	.105	.120	.135	.150	.172	.188
250 lb.	.015	.030	.045	.060	.075	.090	.105	.120	.135	.150	.172	.188

BODY WEIGHT	NUMBER OF STANDARD DRINKS FOR FEMALES											
	1	2	3	4	5	6	7	8	9	10	11	12
100 lb.	.047	.094	.141	.188	.235	.282	.329	.376	.423	.470	.517	.564
110 lb.	.042	.084	.126	.168	.210	.252	.294	.336	.378	.420	.462	.504
120 lb.	.039	.078	.117	.156	.195	.234	.273	.312	.351	.390	.429	.468
130 lb.	.036	.072	.108	.144	.180	.216	.252	.288	.324	.360	.396	.432
140 lb.	.033	.066	.099	.132	.165	.198	.231	.264	.297	.330	.363	.394
150 lb.	.031	.062	.093	.124	.155	.186	.217	.248	.279	.310	.341	.372
160 lb.	.029	.058	.087	.116	.145	.174	.203	.232	.261	.290	.319	.348
170 lb.	.027	.054	.081	.108	.135	.162	.189	.216	.243	.270	.297	.324
180 lb.	.026	.052	.078	.104	.130	.156	.182	.208	.234	.260	.286	.312
190 lb.	.024	.048	.072	.096	.120	.144	.168	.192	.216	.240	.264	.288
200 lb.	.023	.046	.069	.092	.115	.138	.161	.184	.207	.230	.253	.276
210 lb.	.022	.044	.066	.088	.110	.132	.154	.176	.198	.220	.242	.264
220 lb.	.021	.042	.063	.084	.105	.126	.147	.168	.189	.210	.231	.252
230 lb.	.020	.040	.060	.080	.100	.120	.140	.160	.180	.200	.220	.240
240 lb.	.019	.038	.057	.076	.095	.114	.133	.152	.171	.190	.209	.228
250 lb.	.018	.036	.054	.072	.090	.108	.126	.144	.162	.180	.198	.216