

Below are the approximate maximum blood alcohol concentrations men and women might reach, based on the weight of the drinker and number of drinks consumed in one hour. The number may be adjusted by subtracting from the value a 0.017 for each hour that passes after drinking. **This chart is an estimate and for information only.**

1. Blood Alcohol Level Matrix (MAN)

WEIGHT	NUMBER OF DRINKS											
	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

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Blood Alcohol Level Matrix (WOMAN)

WEIGHT	NUMBER OF DRINKS											
	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

