

# Blood Alcohol Level



## Let's Put It All Out on the Table

Blood Alcohol Level (BAL) is the amount of alcohol present in your blood as you drink. It's calculated by determining how many milligrams of alcohol are present in 100 milliliters of blood. But you don't need a Breathalyzer, a calculator, or a measurement conversion chart to figure out what BAL you had last night. Use the Table of Blood Alcohol Levels below. This is a generalized chart based on a person who is metabolizing (or breaking down) one drink an hour. For example if you are a 120 lb. female drinking seven drinks in one hour, your BAL is a .30%.

# of drinks in one hour	weight in lbs.								
		100	120	140	160	180	200	220	240
1	Male	.04	.04	.03	.03	.02	.02	.02	.02
	Female	.05	.04	.04	.03	.03	.03	.02	.02
2	Male	.09	.07	.06	.05	.05	.04	.04	.04
	Female	.10	.08	.07	.06	.06	.05	.05	.04
3	Male	.13	.11	.09	.08	.07	.07	.06	.05
	Female	.15	.13	.11	.10	.08	.08	.07	.06
4	Male	.17	.15	.13	.11	.10	.09	.08	.07
	Female	.20	.17	.15	.13	.11	.10	.09	.09
5	Male	.22	.18	.16	.14	.12	.11	.10	.09
	Female	.25	.21	.18	.16	.14	.13	.12	.11
6	Male	.26	.22	.19	.16	.15	.13	.12	.11
	Female	.30	.26	.22	.19	.17	.15	.14	.13
7	Male	.30	.25	.22	.19	.17	.15	.14	.13
	Female	.36	.30	.26	.22	.20	.18	.16	.15
8	Male	.35	.29	.25	.22	.19	.17	.16	.15
	Female	.41	.33	.29	.26	.23	.20	.19	.17
9	Male	.39	.35	.28	.25	.22	.20	.18	.16
	Female	.46	.38	.33	.29	.26	.23	.21	.19
10	Male	.39	.35	.28	.25	.22	.20	.18	.16
	Female	.51	.42	.36	.32	.28	.25	.23	.21
11	Male	.48	.40	.34	.30	.26	.24	.22	.20
	Female	.56	.46	.40	.35	.31	.27	.25	.23
12	Male	.53	.43	.37	.32	.29	.26	.24	.21
	Female	.61	.50	.43	.37	.33	.30	.28	.25
13	Male	.57	.47	.40	.35	.31	.29	.26	.23
	Female	.66	.55	.47	.40	.36	.32	.30	.27
14	Male	.62	.50	.43	.37	.34	.31	.28	.25
	Female	.71	.59	.51	.43	.39	.35	.32	.29
15	Male	.66	.54	.47	.40	.36	.34	.30	.27
	Female	.76	.63	.55	.46	.42	.37	.35	.32

.40% BAL coma

.35% BAL may stop breathing

.30% BAL in a drunken stupor

.25% BAL emotionally and physically numb

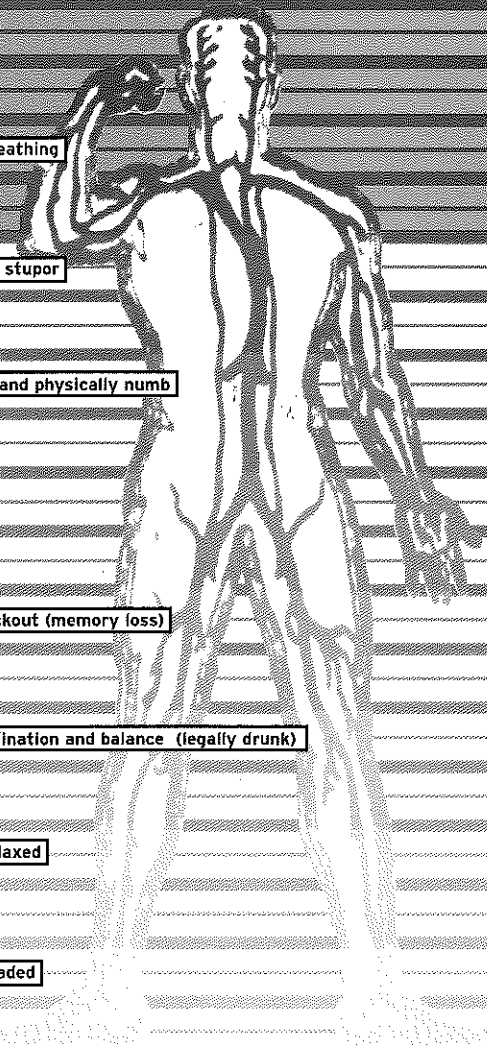
.20% BAL vomiting

.15% BAL possible blackout (memory loss)

.10% BAL lack of coordination and balance (legally drunk)

.05% BAL warm and relaxed

.02% BAL little lightheaded



**REMEMBER:** While this chart is a good general guideline, every individual reacts differently to alcohol. The chart doesn't take into account your individual body composition, your use of medication, your mood changes, or your personal metabolism rate. Therefore, your blood alcohol level may in fact be slightly higher or slightly lower than the chart indicates for the number of drinks you consume. Just keep in mind that your body processes alcohol at a constant rate of .5 oz. per hour,

regardless of how many ounces you consume. Therefore, the faster you drink, the higher your blood alcohol level will be.

### Did you know...

- .08 - .10 blood alcohol level is considered legally drunk.
- most states practice zero-tolerance laws, meaning if you are under 21 any alcohol in your system is against the law.