

## **ADAP—additional information**

- Alcohol is a **depressant**
- **3 tests to determine BAC:** Blood, Breath, Urine. Most common test is breath test.
- One alcoholic drink will raise an average person's BAC by **.02%**
- Liver breaks down alcohol at a rate of **.015% BAC** per hour
- **90%** of alcohol is oxidized (broken down) by the liver, the other **10%** is eliminated through breath, sweat, and urine

### ***Calculating BAC***

1. A person has 3 drinks in a span of 2 hours
2. What would be his/her approximate BAC at the end of the 2 hours?
3. 3 drinks = .06% BAC
4. The body eliminates alcohol at the rate of .015% BAC per hour
5. 2 hours = .03% BAC eliminated
6. .06% - .03% = **.03% BAC**

<b>BAC</b>	<b>Predictable Effects</b>
.02% to .04%	Lightheaded – Relaxation, sensation of warmth, "high," minor impairment of judgment
.05% to .07%	Buzzed– Relaxation, euphoria, lower inhibitions, minor impairment of reasoning and memory, exaggerated emotions (good and bad)
.08% to .10%	Legally Impaired – Euphoria, fatigue, impairment in balance, speech, vision, reaction time and hearing, judgment and self-control are impaired
.11% to .15%	Drunk – "High" reduced and depressive effects (anxiety, depression or unease) more pronounced, gross motor impairment, judgment and perception severely impaired
.16% to .19%	Very Drunk – Strong state of depression, nausea, disorientation, dizzy, increased motor impairment, blurred vision, judgment further impaired
.20% to .24%	Dazed and Confused – Gross disorientation to time and place, increased nausea and vomiting, may need assistance to stand/walk, impervious to pain, blackout likely
.25% to .30%	Stupor – All mental, physical and sensory functions are severely impaired, accidents very likely, little comprehension, may pass out suddenly
.31% and up	Coma – Level of surgical amnesia, onset of coma, possibility of acute alcohol poisoning, death due to respiratory arrest is likely in 50 % of drinkers