# What are Alcohol Effects on Driving?

Worksheet

Alcohol effects on driving are severe: it slows reaction time, impairs judgment and coordination, reduces visual perception and balance, and significantly increases accident risk even at low BAC levels.

## Questions

1. At BAC 0.05%, which is affected?

A) None
B) Reaction time slows
C) No impairment
D) Coordination sharpens

2. Legal BAC limit (most countries)?

A) 0.0%
B) 0.05–0.08%
C) 0.15%
D) Unlimited

3. At 0.10% BAC, accident risk?

A) Unchanged
B) 2× higher
C) 6× higher
D) No risk

4. Alcohol primarily impairs?

A) Engine
B) Reaction time & judgment
C) Fuel
D) Tires

5. Driver's BAC is 0.05% after one beer. How are they impaired?

6. BAC reaches 0.10% (legal limit exceeded in most countries). Effects?

7. Driver at 0.20% BAC (heavily intoxicated). What happens?

8. Define: Alcohol slows which ability first?

9. Define: Legal BAC limit (most regions)?

10. Define: BAC 0.10%—driving risk increase?

# Answer Key

1. B) Reaction time slows — Even small amounts delay reaction by 50+ ms.
2. B) 0.05–0.08% — Varies by jurisdiction; most enforce 0.05–0.08%.
3. C) 6× higher — Impairment accelerates; risk multiplies significantly.
4. B) Reaction time & judgment — CNS depression → slowed processing.
5. Slightly impaired judgment, delayed reaction (50 ms slower), reduced fine motor control, minor visual effect.
6. Significant reaction delay (100 ms+ slower), poor coordination, impaired balance, risky decision-making, accident risk 6× higher.
7. Severe loss of coordination, slurred speech, impaired memory and judgment, accident risk multiplies, illegal and dangerous.
8. Reaction time—typically slowed 50+ ms even at BAC 0.05%.
9. 0.05–0.08% varies by country; exceeding is illegal.
10. Accident risk rises ~6 times vs sober driver.