

What is Drunk Driving?

Worksheet

Drunk driving is illegal when BAC exceeds the legal limit (typically 0.08%), risking injury, death, and criminal penalties including jail and license revocation.

Questions

1. Legal BAC for driving an adult?

- A) 0.08%
- B) 0.12%
- C) 0.00%
- D) 0.20%

2. After 1 drink, approximately how long until sober?

- A) 15 minutes
- B) 30 minutes
- C) 1 hour
- D) 3 hours

3. Drunk driving is most dangerous because...

- A) it's expensive
- B) impaired reaction time and judgment
- C) car engines fail
- D) police find you faster

4. What applies to under-21 drivers?

- A) 0.08% limit same as adults
- B) 0.04% limit
- C) Zero tolerance (0.00%)
- D) No limit, only after 2 drinks

5. After 3 beers in 1 hour, a 70 kg person has $BAC = (3 \times 0.6 \times 5) / 70 \approx 0.13\%$. Legal limit 0.08% — driving is illegal.

6. A driver waits 3 hours after 2 drinks before driving. Is 0.04% BAC legal?

7. Zero-tolerance law for under-21: any $BAC > 0.00\%$. A teen with 0.02% BAC is charged.

8. Define: What is the legal BAC limit?

9. Define: What are consequences of drunk driving?

10. Define: How long does alcohol stay in your system?

Answer Key

1. A) 0.08% — Most countries enforce a 0.08% limit for drivers 21+.
2. C) 1 hour — The body metabolizes ~1 drink per hour (0.015% BAC/hour).
3. B) impaired reaction time and judgment — Alcohol slows reaction time, impairs judgment and motor control.
4. C) Zero tolerance (0.00%) — Most countries enforce zero-tolerance (0.00%) for drivers under 21.
5. Drinks = 3, Weight = 70 kg, Hours = 1 $BAC = (3 \times 0.6 \times 5) / 70 = 9 / 70 \approx 0.13\%$ $0.13\% > 0.08\%$ (illegal)
6. Initial BAC = $(2 \times 0.6 \times 5) / 70 \approx 0.086\%$ After 3 hours: $0.086 - (3 \times 0.015) \approx 0.041\%$ $0.041\% < 0.08\%$ (legal)
7. Legal limit (under 21) = 0.00% Measured BAC = 0.02% $0.02\% > 0.00\%$ (violation)
8. In most countries, 0.08% BAC for drivers over 21; under-21 = 0.00% (zero tolerance).
9. Fines, jail time, license revocation, injury/death risk, and increased insurance.
10. The body metabolizes ~0.015% BAC per hour; a person needs time to sober up.

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