

The Attention Failure during Driving Questionnaire (AFDQ)

The statements below are about possible attentional failures when driving. Consider your own experience within the past six months, indicate how frequently you have experienced each type. Be as honest and as accurate as possible. Use the scale below as a guide, write a number on the line in front of each statement to indicate your experience.

Never Hardly Ever Occasionally Quite Often Frequently Nearly All the Time
0 ----- 1 ----- 2 ----- 3 ----- 4 ----- 5

- ___ 1. When entering a roundabout or intersection, you fail to notice vehicles that are not straight ahead.
- ___ 2. When preparing to turn onto a main road, you pay so much attention to the traffic on the main road that you nearly run into the car in front of you.
- ___ 3. On a busy street, you fail to notice a 'Stop' or 'Yield' sign, almost hitting a car that has the right of way.
- ___ 4. When checking the rear-view or side mirrors, you fail to promptly notice that the car in front of you brakes.
- ___ 5. You fail to promptly notice vehicles and pedestrians in your way when driving along a busy downtown street.
- ___ 6. You continue to follow the traffic without noticing that the light at an intersection has turned red.
- ___ 7. You are looking for a specific point on the road, and you fail to promptly notice that the car in front of you brakes.
- ___ 8. When you are talking on a phone, you fail to promptly notice that there is a vehicle or pedestrian in your way.
- ___ 9. You start to cross the intersection once the oncoming vehicles are moving but then realize that your light has not turned green yet.
- ___ 10. Before switching lanes, you are so focused on the traffic in the lane that you wish to join, and you fail to notice promptly that the vehicle in front of you brakes.
- ___ 11. You fail to notice an animal coming onto the road, and you nearly hit the animal.

- ___ 12. You are so focused on the road ahead that you fail to promptly notice a car in the next lane attempting to merge into your lane.
- ___ 13. During a right turn, you fail to notice a cyclist or pedestrian who is entering the crosswalk from the right side, and you almost hit the person.
- ___ 14. You do not notice a vehicle driving by your side until it passes you.
- ___ 15. You fail to notice road signs when they are not straight ahead.
- ___ 16. Another driver honks at you, making you realize that the traffic light has turned green.
- ___ 17. Your attention is captured by visual characters of surrounding vehicles (e.g., vehicle design, license plate, decorative object) that you fail to notice road information such as traffic signs and pedestrians.
- ___ 18. You fail to check the rear-view or side mirrors before pulling out or changing lanes.
- ___ 19. Roadside advertisements capture your attention while driving that you fail to promptly notice that the vehicle in front of you is slowing down.

Scoring:

Your AFDQ occurrence score is the number of items that you had greater than 0 rating.
Your AFDQ frequency score is the sum of ratings of all items with greater than 0 ratings divided by your AFDQ occurrence score.

Note:

The scores are for research and self-monitoring purposes only and are not for medical purposes. If you are in doubt about your driving safety, please seek professional assessment and help.

References:

- Choi, H., Grün, D., & Feng, J.(2022). [A two-part approach distinguishing the occurrence and frequency of self-reported attentional failures during driving to predict crash risks among older drivers](#). *The Journal of Gerontology: Series B*, gbac077. doi.org/10.1093/geronb/gbac077
- Choi, H., Grün, D., & Feng, J.(2015). [Self-report attentional ability predicts driving citations and crashes among older drivers](#). *Proceedings of the 94th Annual Meeting of the Transportation Research Board*. Washington, USA.