



How responsive are you on emergencies?

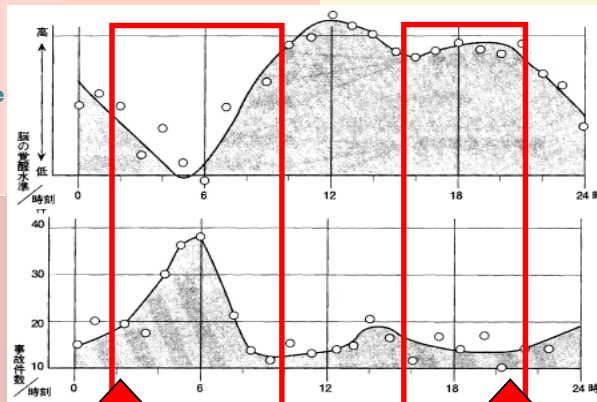
The reaction time for car accidents depends on each person's ability and training. The ability of emergency response is related to the decision time. Furthermore, the decision should consider disadvantages like the amount of people injured and property damage.



Research shows that **the time of low awareness and concentration decreases the ability to respond, increasing the risk of accident.** The necessary driving skills are accuracy of response, quick reaction time and good control of the steering wheel. Presently, there is technology that evaluates these driving skills. If the driver can reduce error of judgement, the chance of accident would decrease. Drivers get low accuracy scores, they should practice more.

**The time of awareness
(The National Railway Motive
Power Union), 1980**

**Time of unconsciousness
on the road
(TOMEI EXPRESSWAY),
1969**



The easiest time of accident to occur

If the driver has slow response time, they should take a break in order to drive with common sense and reduce road accidents. In addition, the steering wheel skills are related to the experience of the driver. The driver should have experience before driving on the road in order to reduce road accidents.



According to **the Domino Theory** of H.W. Heinrich, if the first domino (Social environment of background) falls over, the next domino would fall over as well. Thus, if you don't want the fourth domino (Accident) to fall over, you should remove third domino (Unsafe acts or unsafe condition) to prevent injury and property damage. Thus, if the driver has developed these 3 skills (accuracy of response, quick reaction time and good control of the steering wheel) as mentioned, it would help to reduce the chance of accident.



Domino Theory