

### **Risk Factors of Level Crossing Accidents by Older Drivers**

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The level crossing accidents by car drivers of 60 years and over account for 48% of level crossing accidents by the drivers of all ages. This ratio is bigger than 26% of the ratio of traffic accidents by these older drivers to all the accidents by the drivers of all ages. “Stay” was a most frequent cause of accidents caused by drivers of 60 years and over at the level crossing equipped with automatic barriers. Then we implemented WEB investigation, two indoor experiments and one outdoor experiment to compare risk factors to raise the possibility of the “Stay” by the young drivers with those by the older drivers. As a result, we found some risk factors causing the fault of the older drivers. Missing a warning was the risk factor at the entrance of the level crossing, and incorrect performance to the closed barriers was the risk factor at the way out.