

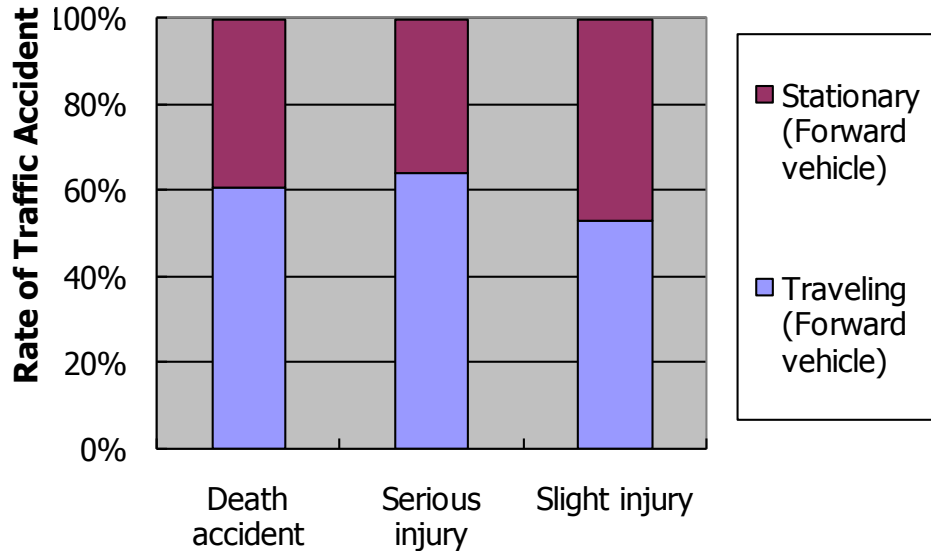
# **Data of Traffic Accidents of Large Trucks in Japan**

- **Data of Traffic Accidents around Japan, which are presented by the Police**
- **Data of Traffic Accidents in the Tokyo metropolitan area, which are presented by the Ministry of Land, Infrastructure, Transport and Tourism (MILT)**

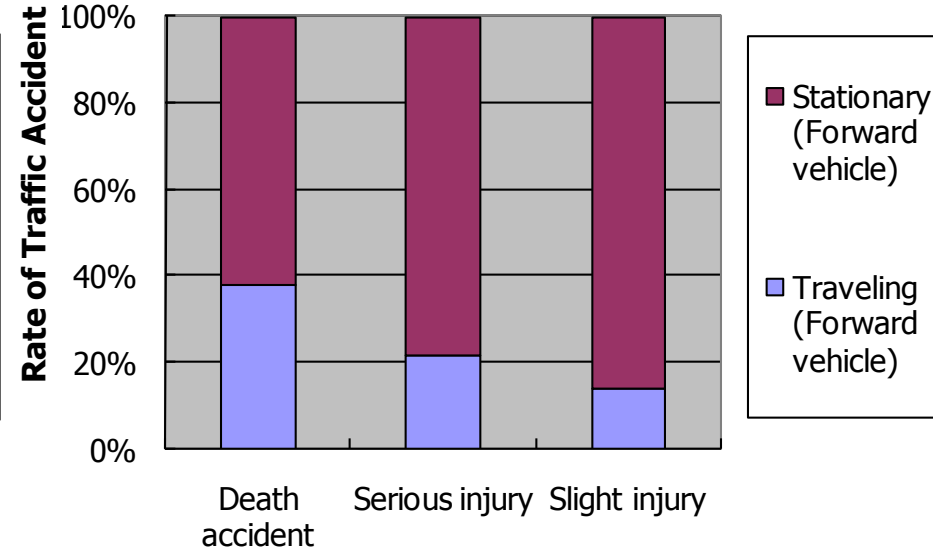
# The State of the Traffic Accidents in Japan

Data of Traffic Accidents, which are presented by the Police

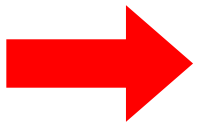
Rate of Rear-end collision (Highway)



Rate of Rear-end collision (Open road)



- On the highway, many accidents are against **traveling** vehicles.
- On the open road, many accidents are against **stationary** vehicles.



These data show the traffic accidents around Japan.

# Duty of Report of Traffic Accidents in Japan

- In case that a fatal accident or a serious injury accident has occurred, the report to describe the details of the accident shall be submitted to the Ministry of Land, Infrastructure, Transport and Tourism (MILT) in Japan.

# Regulations in Japan for Report of Traffic Accidents

- Summary of **Vehicle Accidents Reporting Regulation** (Ministry of Transport Ordinance No. 104 of Dec 20, 1951)
  - Article 3 (**Submission of Reporting**)

A service vehicle has caused accidents prescribed in the previous article of this regulation (e.g. death accident, serious injury) shall submit three originals of the Vehicle Accidents Report for each accident within 30 days to the Minister of Ministry of Land, Infrastructure, Transport and Tourism.

- **Motor Truck Transportation Business Act** (Act No. 83 of 1989)
  - Article 24 (**Notification of Accident**)

In the event that a service vehicle has overturned, caught a fire or caused serious accidents prescribed in the Ordinance of the Ministry of Land, Infrastructure, Transport and Tourism, the general motor truck transportation business operator shall notify to the Minister of Land, Infrastructure, Transport and Tourism the type of the accident, cause and other matters prescribed in the Ordinance of the Ministry of Land, Infrastructure, Transport and Tourism without delay.

# Data Sample of Traffic Accidents of Large Trucks

No.	Year Month	Number of Dead	Number of Seriously-Injured Person	Number of Slightly-Injured Person	Summary	Situation	Accident Site
2)	2008 May	2 of passenger vehicle	1 of large truck	0	The large truck collided with the stationary vehicle during the driver's inattentive driving.	The passenger vehicle collided with guard ropes on the side of the roads, then pulled to the side of the road and stopped on the driving lane. After that, the following truck collided with the stationary vehicle.	The road was gentle curved with three-lane each way.
4)	2008 Dec	2 of passenger vehicle	0	0	The large truck collided with the stationary vehicle for a red light, because the truck's driver felt sleepy.	The large truck collided with the line of traffic caused by a red light. The passenger vehicle in the line end was sandwiched between the large truck and the trailer ahead and damaged seriously.	It happened at the intersection with a good view. The road was the one-lane each way and gentle curved with going down.
5)	2007 Jan	2 of passenger vehicle	0	5 of not specified vehicles	The large truck collided with the stationary vehicle in a jam.	The large truck collided with the passenger vehicle of the end line of traffic caused by a traffic jam. It was developed into a multiple accident involved with eight of vehicles and trucks in total. The large truck's driver said that he was slow to recognize the traffic jam because of focusing on vehicles flowing in the road.	The road was the two-lane each way and straight with a good view.

# Data Sample of Traffic Accidents of Large Trucks

No.	Year Month	Number of Dead	Number of Seriously -Injured Person	Number of Slightly-Injured Person	Summary	Situation	Accident Site
6)	2007 Sep	2 of passenger vehicle	0	1 of medium duty truck	During the driver's inattentive driving, the large truck collided with the stationary vehicle in a jam caused by a traffic accident.	<p>The traffic had been jammed because of another roll over accident. The medium duty truck collided with the passenger vehicle in the line end of traffic. It was developed into a multiple accident involved with two other stationary trucks ahead.</p> <p>The passenger vehicle was sandwiched between the medium duty truck and the large truck ahead, and damaged seriously. Just before the accident, the medium duty truck had cut in the first lane from the second lane. It seemed that the driver did not recognize the stationary vehicle due to a traffic jam because he kept a careful watch on vehicles backward over the rearview mirror.</p>	The road was the two-lane each way. The traffic had been jammed by another overturn accident at the site that was about 1km from this place.
7)	2007 Dec	2 of passenger vehicle	0	4 of not specified vehicles	The large truck collided with the stationary vehicle during the driver's inattentive driving.	<p>Without deceleration, the medium truck collided with the passenger vehicle in the end line of traffic caused by a red light. It developed into five of passenger vehicles and trucks pileup. The passenger vehicle in the end line crashed the large truck ahead by the collision.</p> <p>The medium truck's driver said that he did not look ahead because of tuning the radio.</p>	It happened at the junction of a national road and a city road. The road was the two-lane each way and straight with a good view.

# Data Sample of Traffic Accidents of Large Trucks

No.	Year Month	Number of Dead	Number of Seriously-Injured Person	Number of Slightly-Injured Person	Summary	Situation	Accident Site
8)	2006 Sep	4 of large truck & passenger vehicle	1 of not specified vehicle	9 of not specified vehicles	<p>The large truck collided with the stationary vehicle in traveling direction.</p>	<p>It was a multiple accident involved with seventeen of trucks and passenger vehicles. At first this large truck caused this accident by blocking the lane. The large truck collided with the left-hand wall during driving. Then it turned its head to the right and stopped.</p> <p>The police were investigating that the accident could occur and be developed into the multiple accident because of the low <math>\mu</math> surface condition or the excessive speed of the large truck.</p> <p>The limited speed was 70km in this area before and after the curve, but the driver in the accident said that he drove at speed of 80km.</p>	<p>The road takes a sharp curve to the right with going down. The weather on the day of the accident was rain. The road rises from 4km ahead.</p>
9)	2006 Nov	2 of large truck & passenger vehicle	0	0	<p>The large truck collided with the stationary vehicle in traveling direction.</p>	<p>The large truck collided with the passenger vehicle. And then, the large truck collided with them.</p>	<p>It was a straight road.</p>

# Data Sample of Traffic Accidents of Large Trucks

\* No. 3 in the list of the data sample (2007, Dec)



THE IBARAKI-SHIMBUN

\* No. 7 in the list of the data sample (2006, Sep)



THE SHINANO MAINICHI SHINBUN

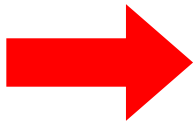


# Total Data Number of Traffic Accidents

- The ratio of traffic accidents is about **50%** comparing moving with stationary.

Summary	Number of Accidents	%
The large truck was moving and the forward vehicle was moving in the accident.	12	<b>48%</b>
The large truck was moving and the forward vehicle was stationary in the accident.	13	<b>52%</b>
Total	25	100%

\* Data by service vehicles companies located in the Tokyo metropolitan area in 2007.



Japan determine to mandate the stationary vehicles based on these data of actual traffic accident.