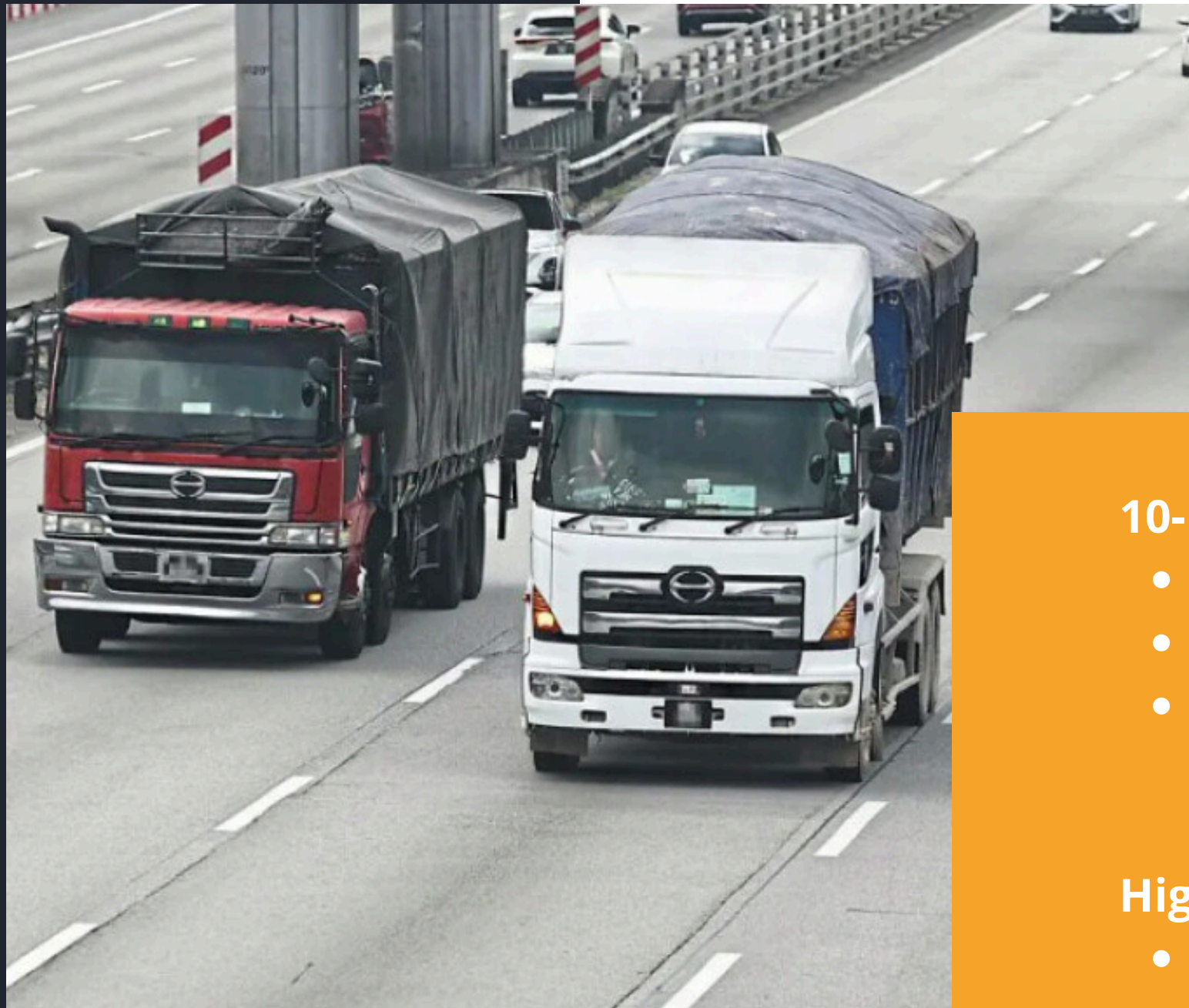


OVERSIZED VEHICLES, OVERSIZED RESPONSIBILITY

HSE DEPARTMENT
PREPARED BY : MUHAMMAD AFIQ BIN MUSTAFA



WHY THIS MATTERS

10-month data for 2024 in Malaysia:

- 825 lorries involved in fatal accidents
- Contributed to 5,364 fatalities
- Heavy vehicles only make up ~9% of highway traffic but account for ~50% of highway fatalities

Highway-only data for 2023:

- Heavy vehicles constituted 34% of fatal highway accidents

KEY RISK FACTORS

1 UNSAFE DRIVING BEHAVIOUR

Speeding and Aggressive
Driving

Fatigue and Driver
Distraction

Inadequate Training

2 POOR VEHICLE MAINTENANCE

Mechanical Failures

Tire Blowouts and Brake
Failures

Component Wear

3 VISIBILITY CHALLENGES

Limited Sightlines and Blind
Spots

Weather and Environmental
Impacts

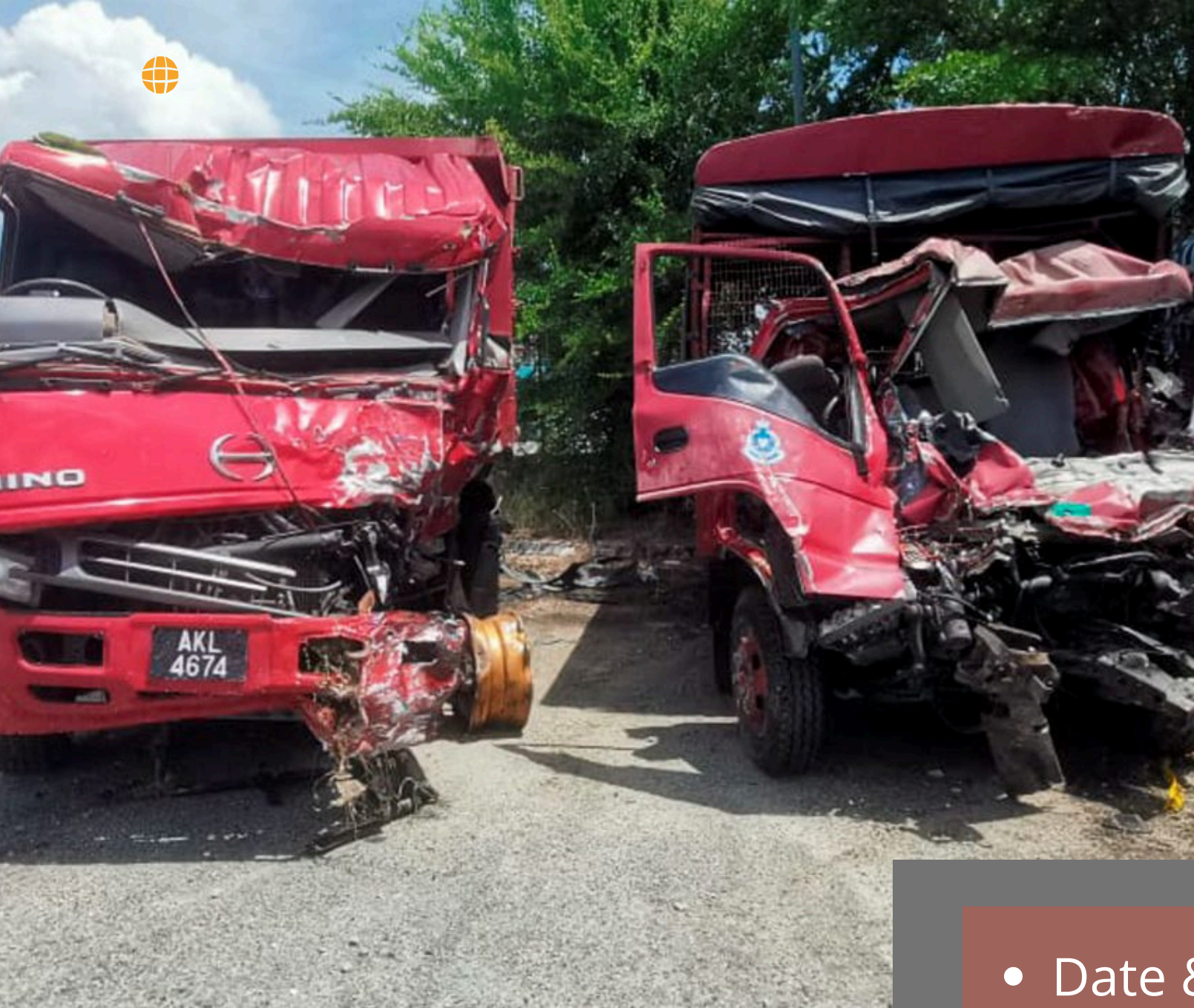
Obstructed Views in Tight
Spaces



UPSI BUS CRASH – GERIK, PERAK

- Date & Time: 9 June 2025, 1:10 AM
- Location: East-West Highway, near Gerik, Perak
- Fatalities: 15 (14 students, 1 bus attendant)
- Injuries: 31 (27 critical)
- Cause: The bus, chartered by Sultan Idris Education University (UPSI), collided with a minivan after attempting to overtake another vehicle on a dark, winding stretch of road. Dashcam footage indicated the bus was speeding before the crash.





FRU LORRY CRASH – TELUK INTAN, PERAK



- Date & Time: 13 May 2025
- Location: Jalan Chikus–Sungai Lampam, Teluk Intan, Perak
- Fatalities: 9 (FRU personnel)
- Cause: The FRU lorry collided with a rock-laden lorry. Initial investigations suggested the FRU lorry was overloaded, and the driver had a history of traffic violations.



AYER KEROH EXPRESSWAY CRASH – MELAKA



- Date & Time: 23 December 2024, 8:30 PM
- Location: Kilometre 204.0, North-South Expressway, Ayer Keroh, Melaka
- Fatalities: 7 (including 5 family members in an MPV, 1 tour bus driver, 1 passenger)
- Injuries: 33
- Cause: A detached front-right tyre from an overloaded lorry caused the tour bus to lose control and veer into oncoming traffic, resulting in a multi-vehicle collision.

DO

Maintain a Safe Following Distance

**Adhere to the 6 second rule
under ideal conditions.**

Overtake with Caution

**Only overtake heavy vehicles
when the road ahead is clear
and visibility is unobstructed**

Be Patient

**Avoid aggressive driving
behaviours such as tailgating
or abrupt lane changes.**

DON'T

Never cut off lorries

**Never abruptly cut in front of a
heavy vehicle after overtaking.**

Don't linger beside trailers

**Do not drive alongside heavy
vehicles for extended periods,
particularly on multi-lane roads.**

Never tailgate

**Tailgating reduces your
reaction time and increases
the risk of rear-end collisions**

WHAT WE CAN DO



For Heavy Vehicle Drivers & Operators

- Follow Safe Driving Practices
- Pre-Trip Checks
- Respect Blind Spots



If you manage logistics/fleet:

- Enforce Strict Maintenance
- Monitor Driver Behavior
- Invest in Training



If you are a road user:

- Stay out of blind spots.
- Don't cut in front of heavy vehicles suddenly.
- Report Reckless Drivers



WHAT WE CAN DO

1

Capture Evidence

- Use dashcam or phone (if safe to do so as a passenger).

2

Compile Details

- Date, time, and exact location.
- Vehicle details

3

Choose Channel

- JPJ via app/email/WhatsApp.
- PDRM in-person or via VSP app.

4

Submit

- Provide complete information and evidence

5

Follow-Up

Three Action Points:

 Save emergency numbers

 Document & report violations

 Share this knowledge

Hotline Numbers:

JPJ: 1-800-88-7723

POLIS: 999

REFERENCES

- https://www.sinardaily.my/article/224210/focus/national/heavy-vehicles-on-malaysian-roads-a-growing-safety-concern?utm_source=chatgpt.com
- <https://www.thestar.com.my/news/nation/2024/09/04/heavy-vehicles-involved-in-over-a-third-of-highway-fatalities-last-year-says-plus>



THANKYOU

