

FACTSHEET

HOW IT ALL STARTED?

A companion project via
International Collaborative Efforts:



STUDY OBJECTIVE

To measure driver distraction in terms of **participants' response time** for different secondary tasks using MIROS driving simulator (CabinDS).

— MIROS Driving Simulator —
CabinDS

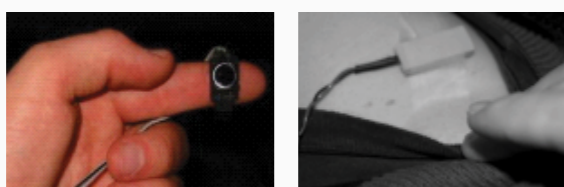


- Computer System and Simulation Software
- LCD Projector and Screen
- Sound System
- Steering Wheel and Pedals
- Internal Video Camera
- Transmission Shifter



DID YOU KNOW?

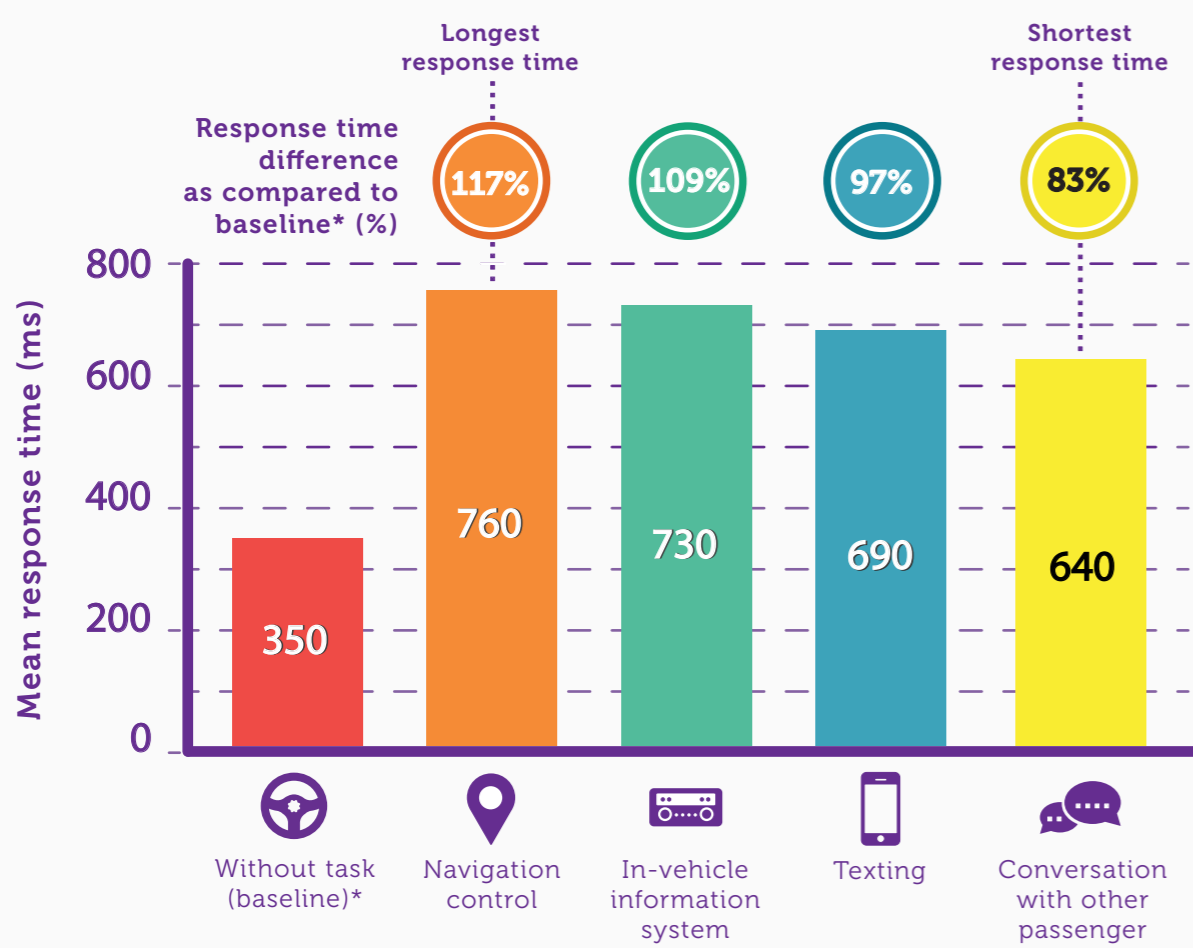
DRT is a method to **measure distraction while driving.**



SECONDARY TASKS INVOLVED WHILE DRIVING:



FINDING #1: RESPONSE TIME

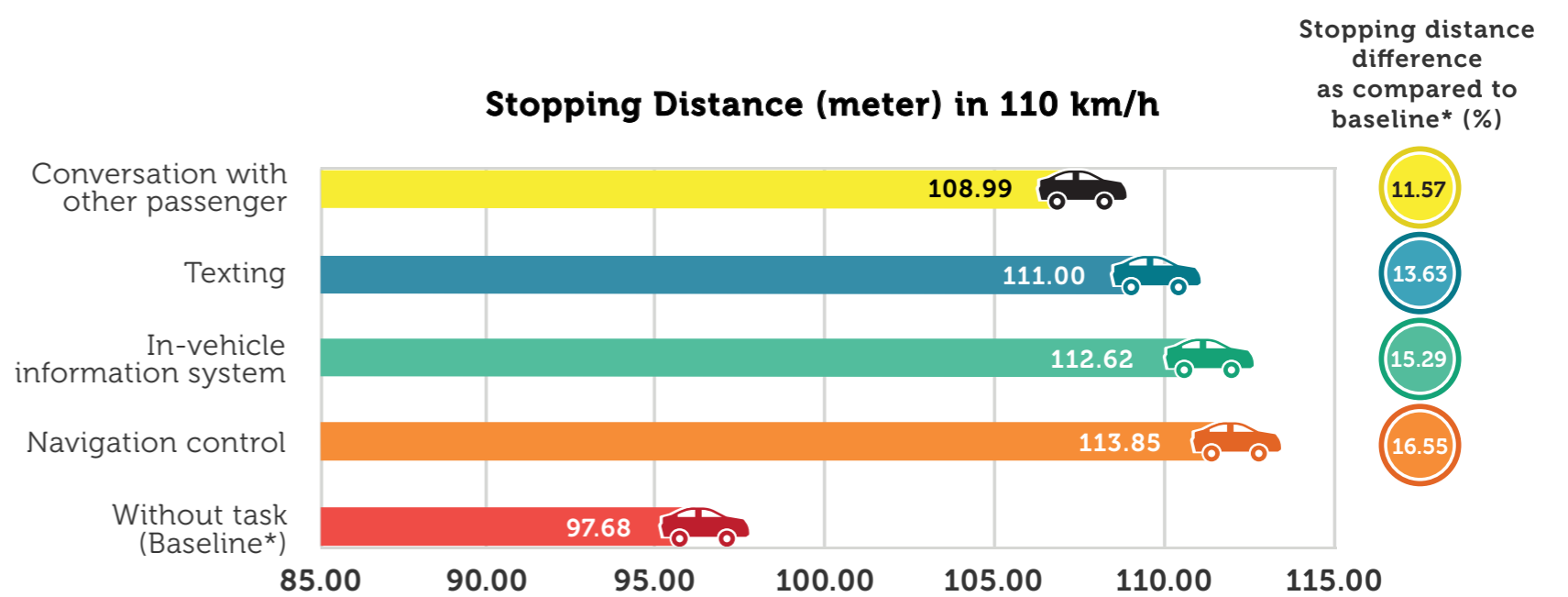
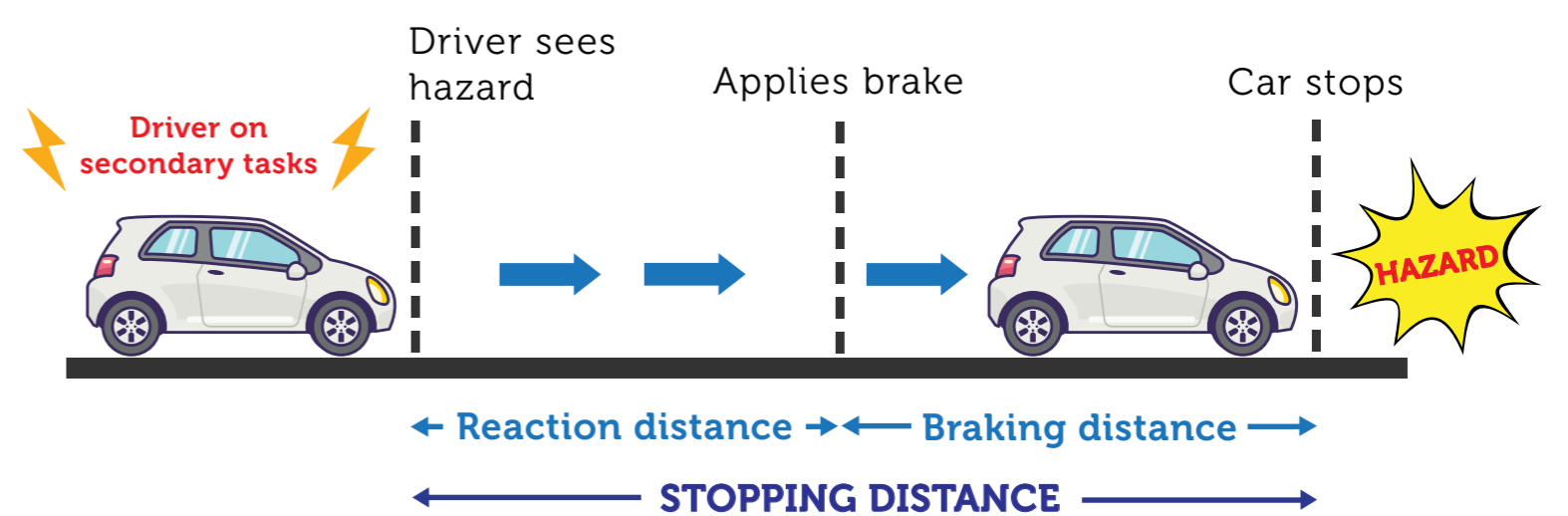


Types of secondary tasks while driving



Longer response time and **higher difference** as compared to baseline indicates **higher distraction level while driving.**

FINDING #2: STOPPING DISTANCE



- Higher distraction** while driving produce **longer response time**, which resulting in **longer stopping distance**. Thus, causing **higher risk** of getting involved in **road accidents**.
- Slower vehicle speed** while carrying out **secondary tasks**, trigger **shorter stopping distance**.