



CASE STUDY

Data Sources in Cambodia

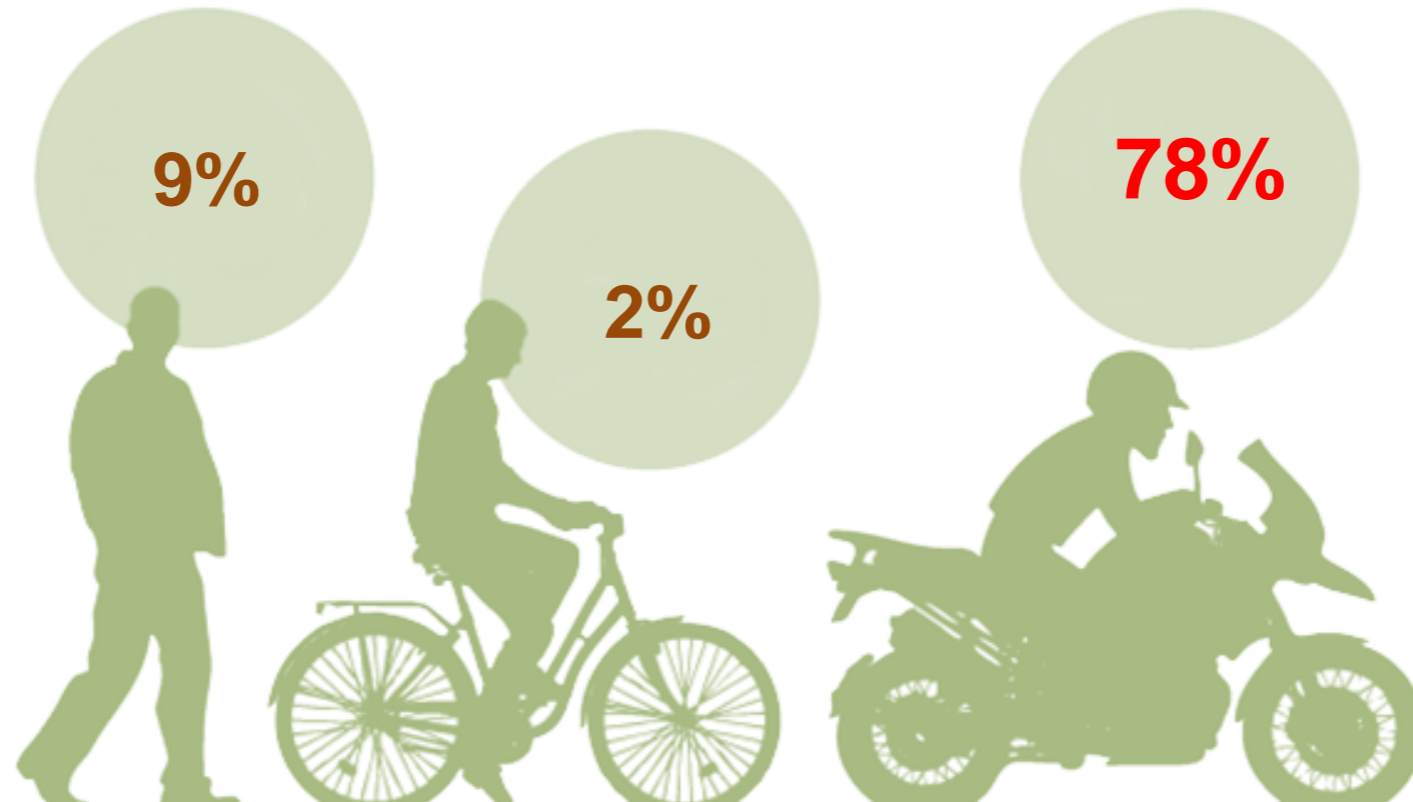
25 March 2025

Mr. SATTYA BORAN, Deputy Director of Road Traffic Safety Department



- ✦ In 2023, there were 1,622 fatalities, and 3,512 serious injuries among them (on average, nearly 4 people died and more than 9 people were seriously injured every day). In comparison to 2022, the number of fatalities decreased by 7% and serious injuries increased by 14%;
- ✦ The road crash cost around 342.7 million US dollars in 2023;
- ✦ Speeding was the leading cause of fatalities (43%), followed by dangerous overtaking (12%), and driving against flow of traffic (12%).

Source: RCVIS, 2023.

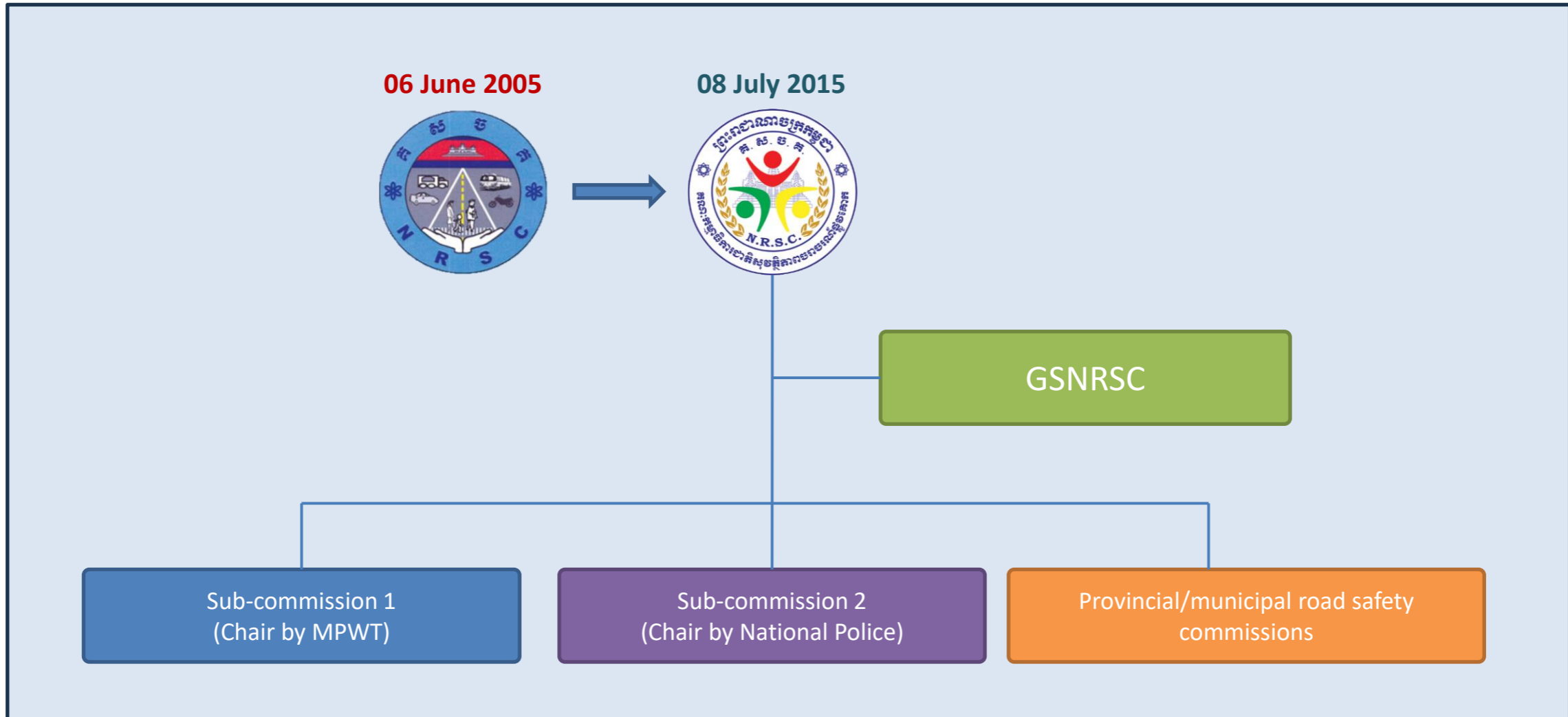




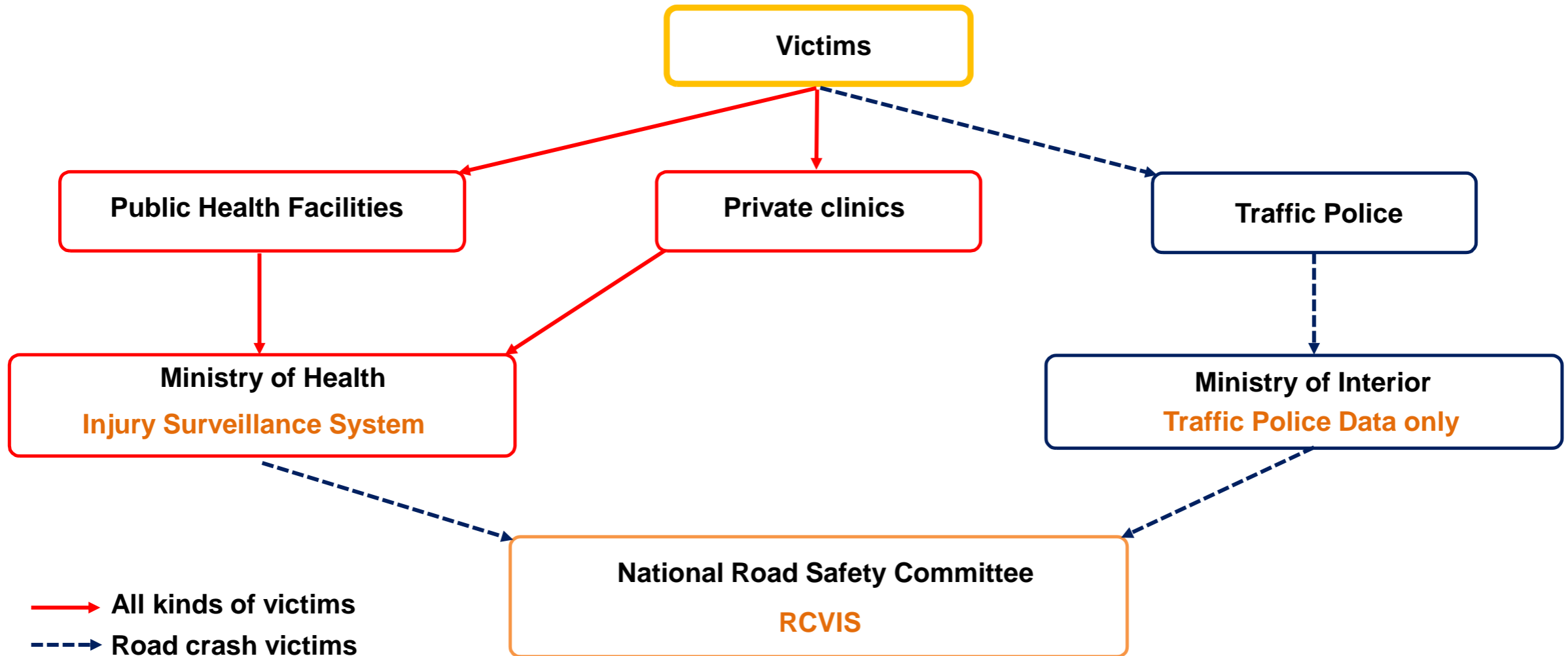
CASE STUDY OF DATA SOURCES IN CAMBODIA



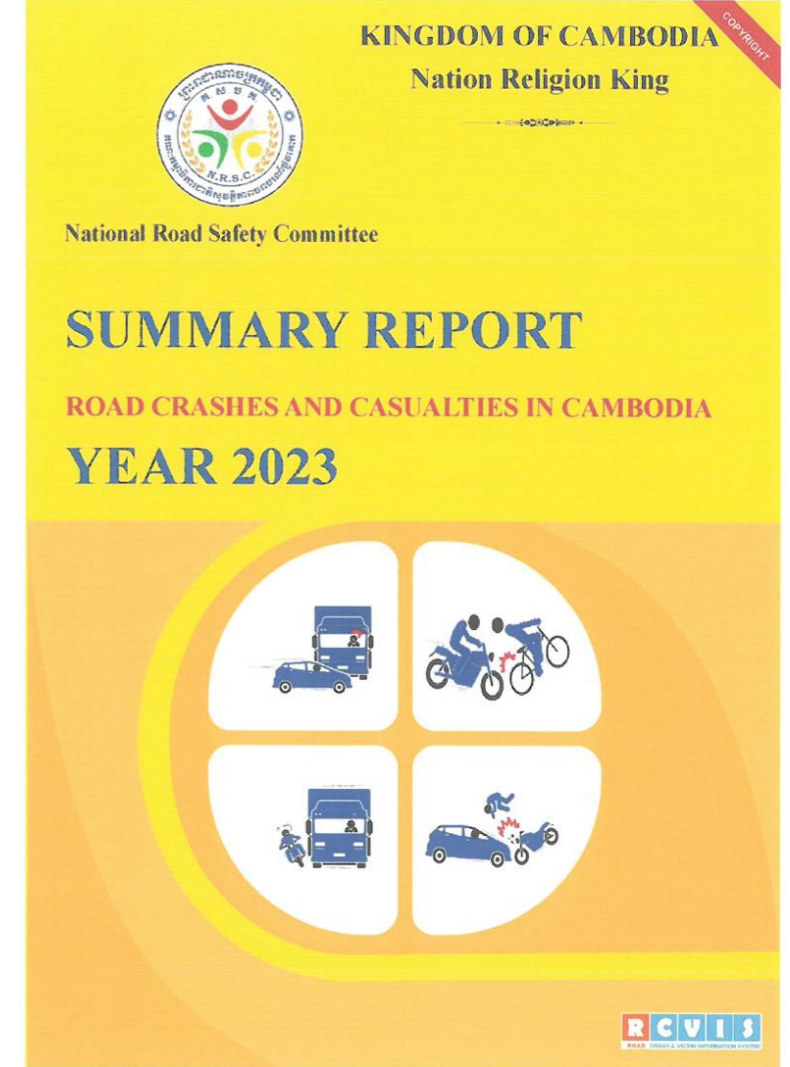
Organizational structure of the National Road Safety Committee to support the sustained collection of road crash data.



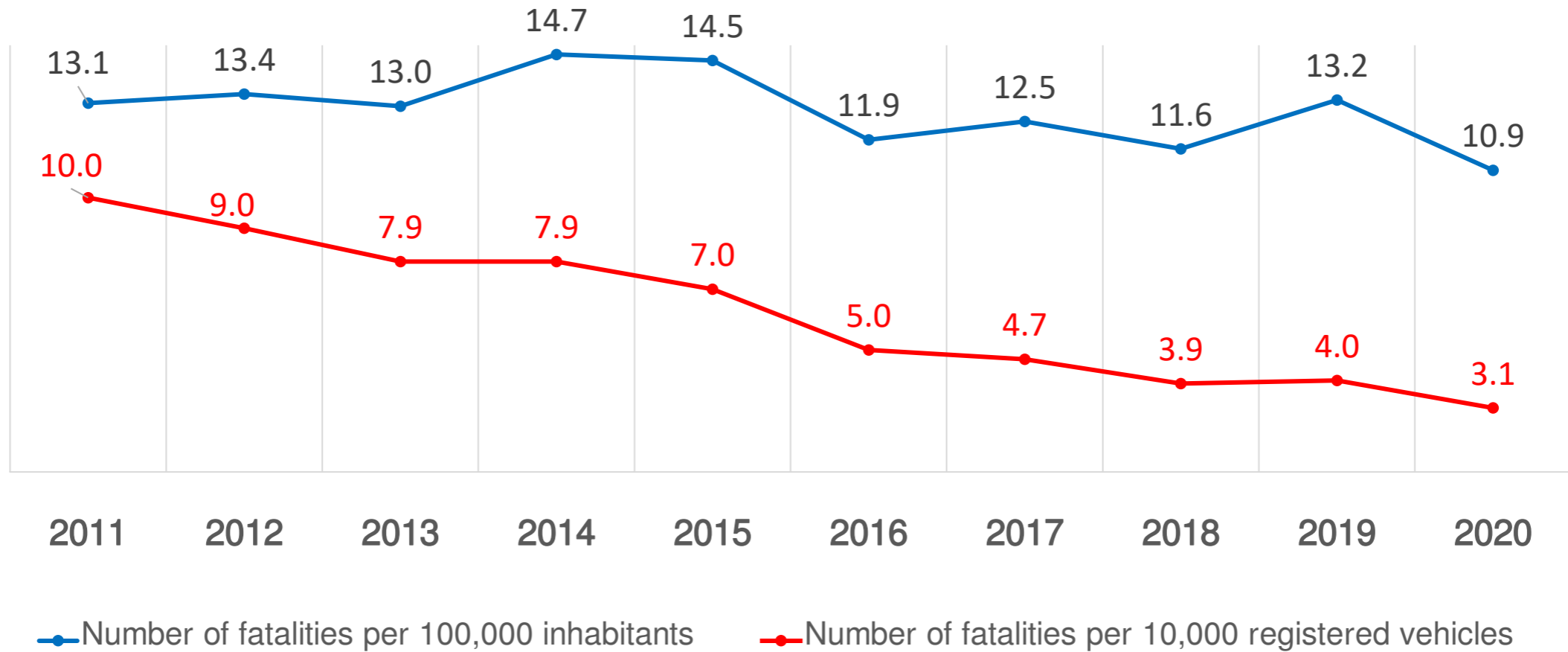
Structure of Data Collection Process



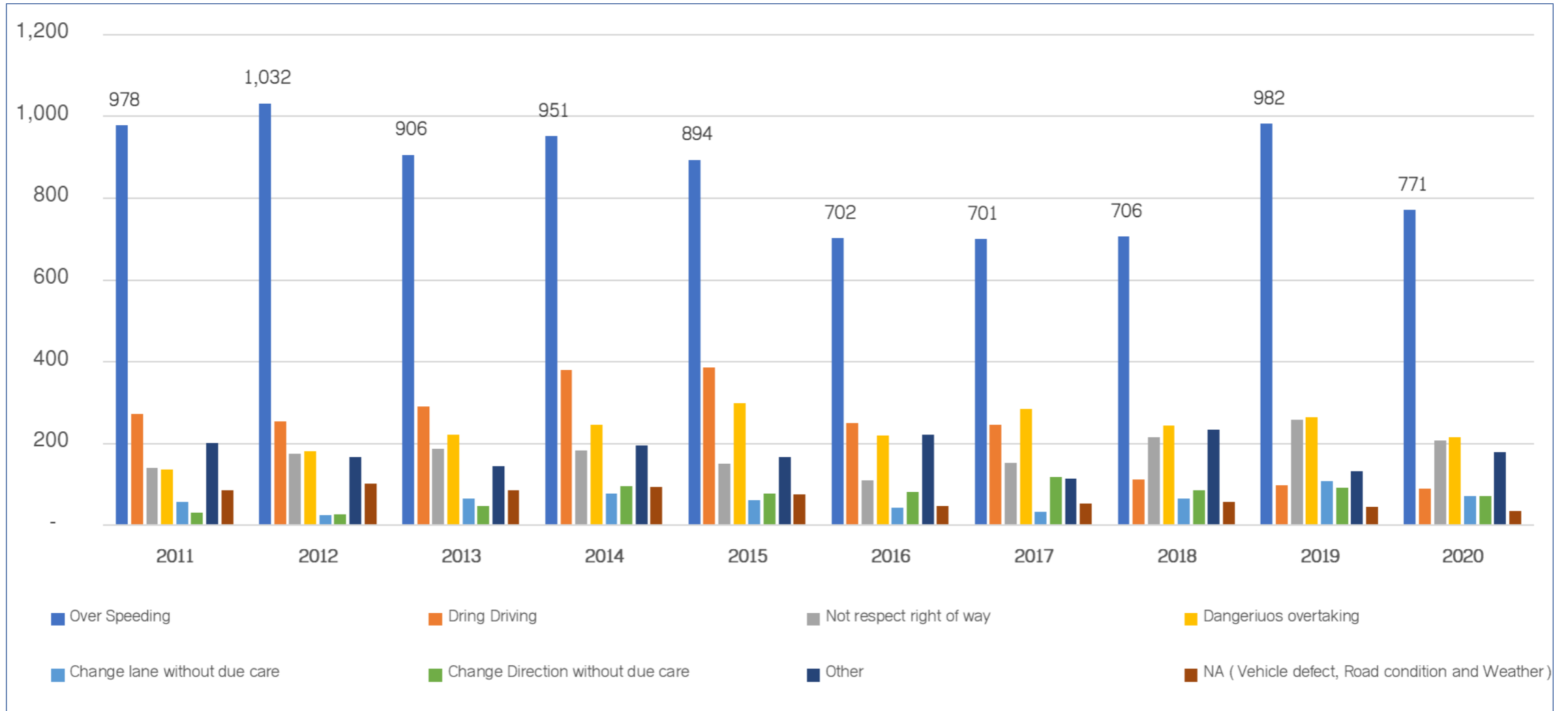
The Annual Publishments



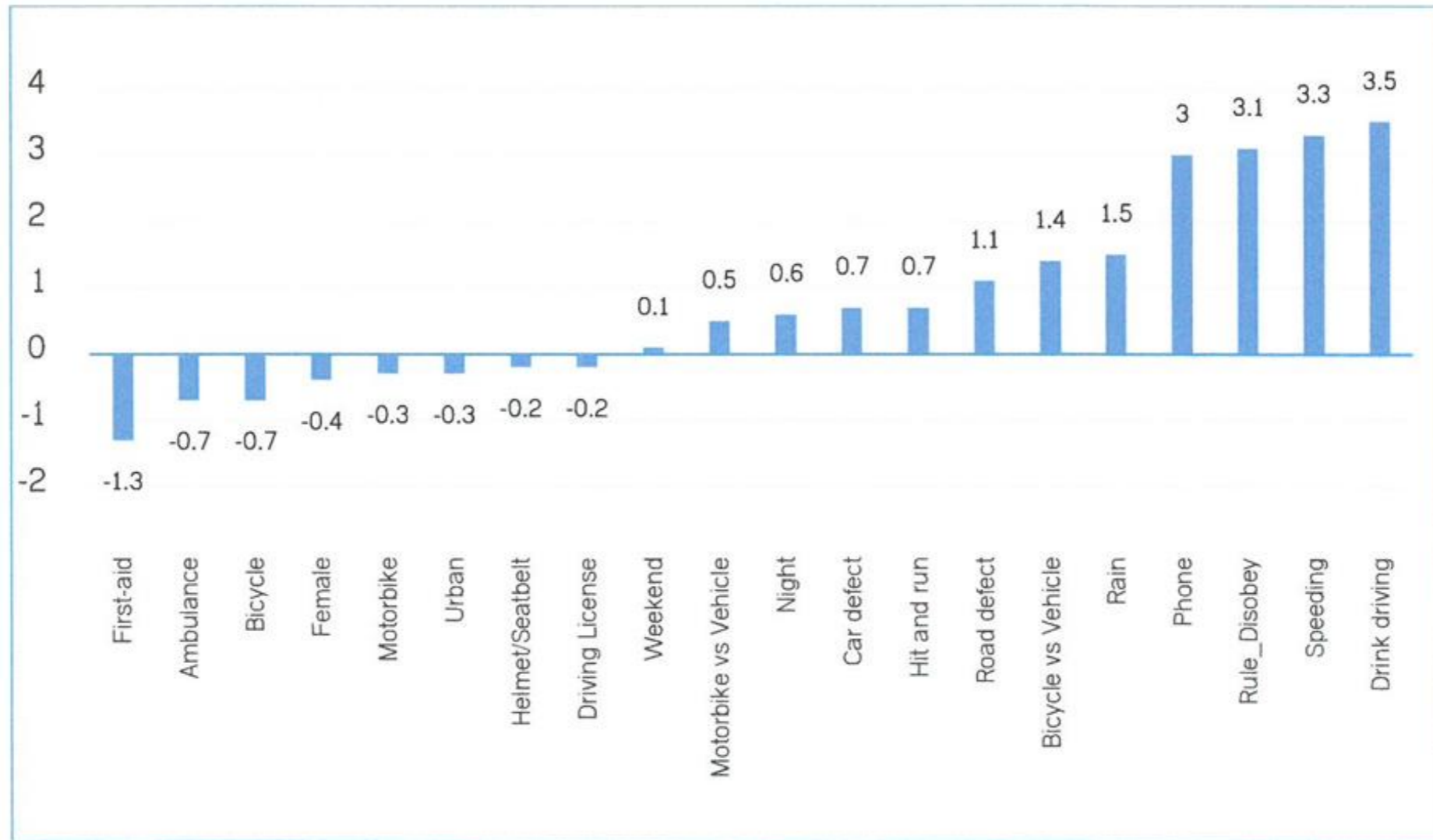
The number of road crashes and casualties within 10 years (2011-2020)



The Number of Road Fatalities by Cause of Accident (2011–2022)



Coefficients of Variables Explaining the Causes of Fatal Accidents



Source: RCVIS, 2023.



Kingdom of Cambodia
Nation Religion King



**NATIONAL PLAN FOR THE DECADE
OF ACTION FOR ROAD SAFETY
2021-2030**

Approved by the Council of Ministers at the Plenary Meeting
On 7 April 2023

Examples of How Evidence-Based Approaches Are Taken into Account in the National Plan for the Decade of Action for Road Safety.

IV- Strategy

In order to achieve the vision in reducing road crashes at the lowest level, the National Plan for the Decade of Action for Road Safety 2021-2030 set priority targets at the locations with high rate of road fatalities and injuries, including Phnom Penh and other 15 provinces such as Kandal, Kampong Cham, Kampong Thom, Siem Reap, Banteay Meanchey, Kratie, Battambang, Pursat, Kampong Speu, Takeo, Kampot, Preah Sihanouk, Svay Rieng and Prey Veng, and identified the causes of high road fatalities: speeding, non-respect of right of way, drunk driving, non-use of helmet, driving against traffic flow, dangerous overtaking, turning, non-respect of traffic signs and using communication device while driving.



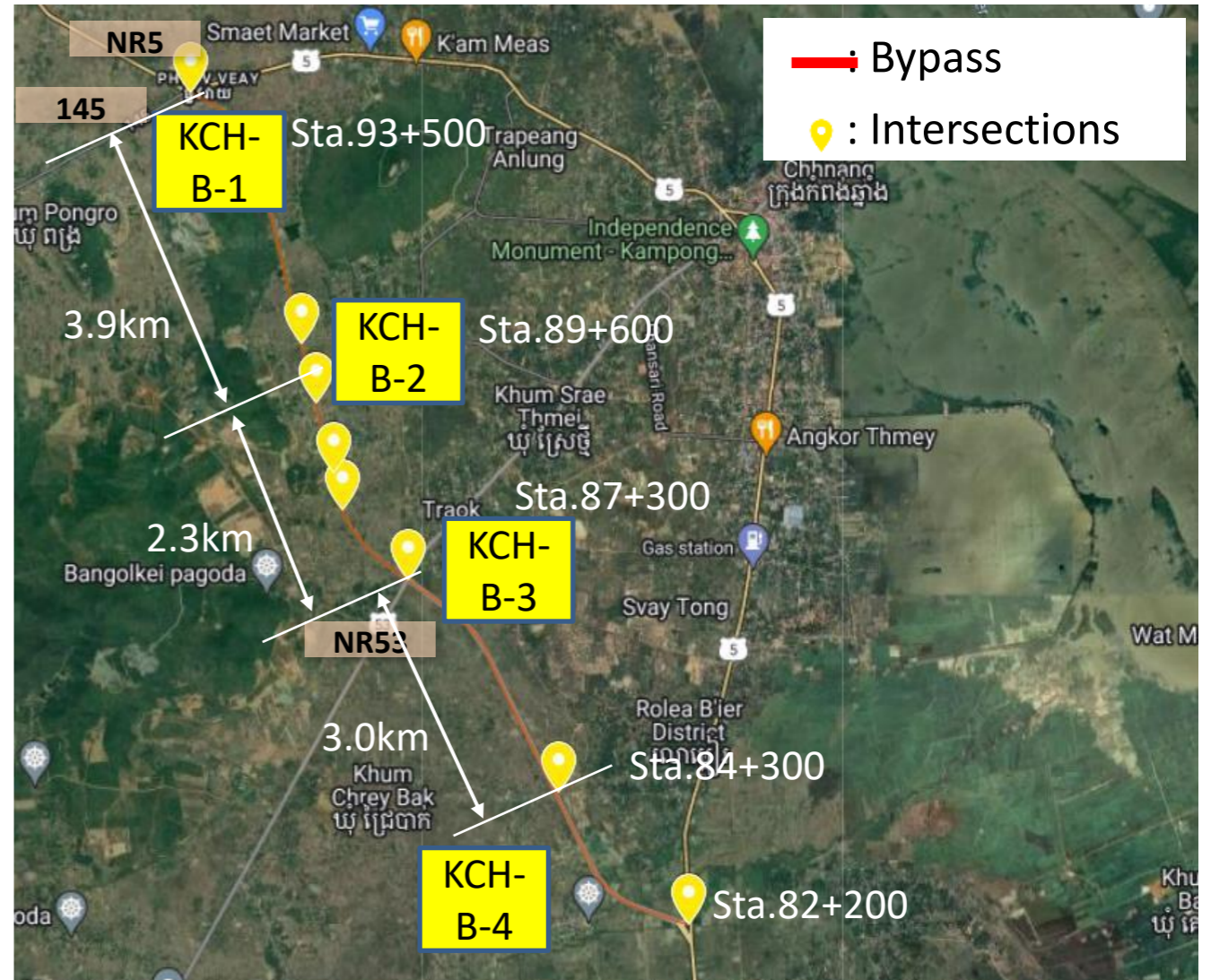
Examples of How Evidence-Based Road Safety Interventions Are Crucial

(1) Outline

- Road Safety Assessment in 2023
- Kampong Chhnang Province
- National Road No.5
- 4 Intersections

(2) Accident Report

- **No. of Accidents:** 9 Cases
- **Location:** 4 intersections (Along Bypass)
- **Term:** Dec 2022 to Sep 2023
- **No. of Casualty:** Severe Injury (2) and Fatalities (4)



No.	Location	Accidents* (Cases/year)	Traffic Volume	Accident Rate**
1	KCH-B-1	1	15,220	18.0
2	KCH-B-2	1	5,774	47.4
3	KCH-B-3	2	11,713	46.8
4	KCH-B-4	2	9,936	55.1

Targeted Location for the Pilot Project

* Accidents (Cases/year) : The No. of Severe and Fatality Accidents✕

** Accident Rate: Severe and Fatality accident rates (Cases / 100 million vehicle)



Challenges

- /// Data Inaccuracy (due to staff rotation, lack of regular training on data collection, and reliance on paper-based data forms),
- /// Technological limitations (in data collection and system upgrades) , and
- /// Lack of real-time data.





Thank you for your attention!