



Experience Sharing On Road Crash Data Collection From Cambodia

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About Cambodia



7,869,912



7,418,577

Total population in 2019

15,288,489

Religion : 90% Buddhist ,

Currency : KHM Riel

GDP : Growth Rate 7.1% in 2019

Over 50% of the population under 30.



Motor vehicles registered:

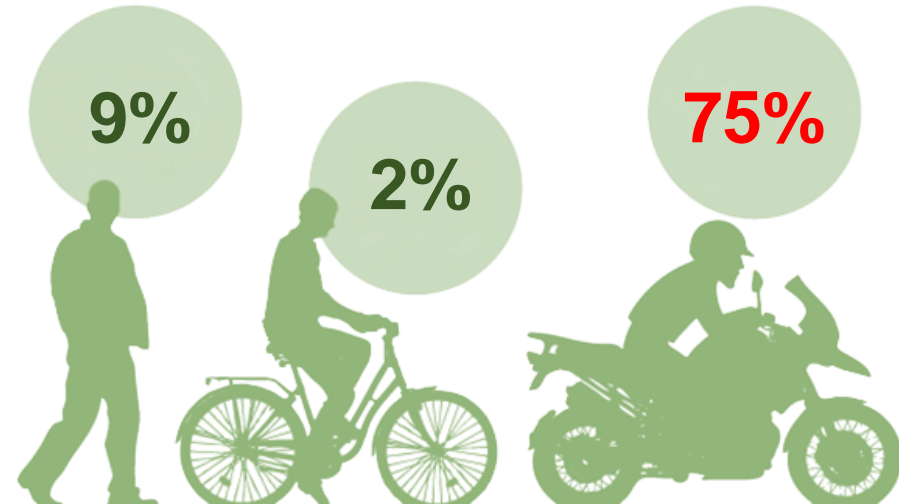
-1990: 49,450 vehicles

- 2020: 5,850,427 vehicles growth rate at 11% per annum

- Motorcycle (MC) 4,974,486=**Over 85% of total vehicles**)

- Almost **47%** of **fatalities** were **aged between 5 and 29 years old**,
- **speeding** was the leading cause of fatalities (**46%**), followed by dangerous overtaking (**12%**), not respect right of way (**12%**) and driving against the flow of traffic (**8%**),
- **Farmers** fatalities represented the largest group of fatalities (**34%**), followed by **workers** (**28%**) and **students** (**12%**),
- Among student fatalities, **primary school students** accounted for **33%**, followed by **high school students** (**29%**), **secondary school students** (**21%**), and **university students** (**18%**).

Source: "2019 Summary report road crashes and casualties in Cambodia ", RCVIS.



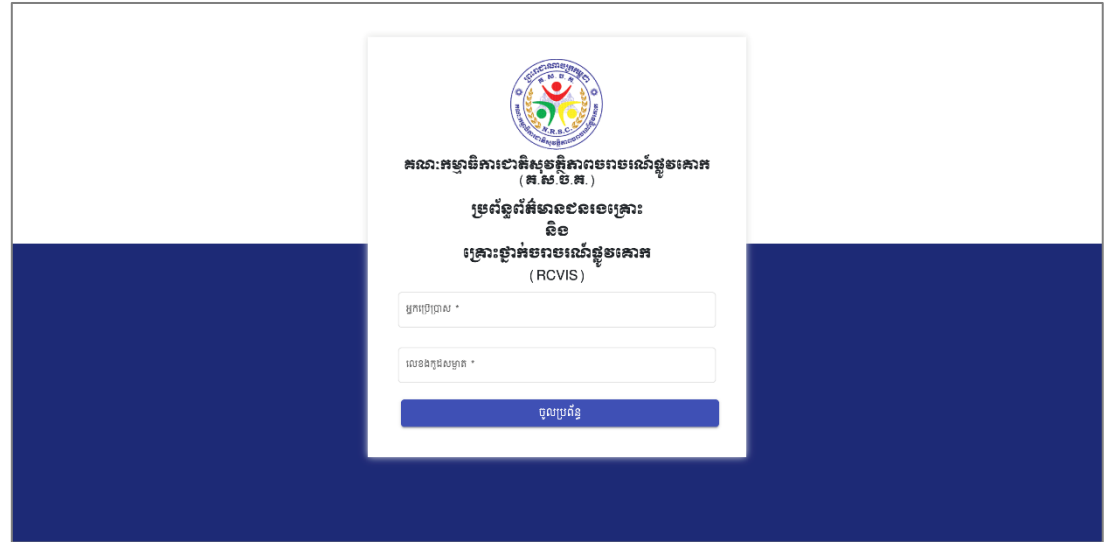


Road Crash and Victims Information System (RCVIS)



RCVIS is a national road crash data system that can provide accurate, continuous and comprehensive information on road crashes and victims for the purposes of :

- Increased understanding of the current road safety situation,
- Planning appropriate responses and policy,
- Evaluating impact of current and future initiatives



1990

2004

2010

2021

- 3 Ministries involved in road crash data collection, but individual data collection.

- HIB noticed the needs for improvement on road crash data collection in Cambodia
- RCVIS has been established since 2004 by HIB.

- In 2010, IRTAD and SWOV provided support to develop a merging database.

- GSNRSC is managing the RCVIS
- We are developing the new web base system.



• The key features of RCVIS:

- Follow the standard definition for fatality and serious injury for data collection
- Nationwide standard form for road crash data collection
- The data can link between police and hospital data
- the system has function to check the duplicate data.
- We also has the guideline on filling the road crash form for Police and Hospital

**គោលការណ៍ណែនាំស្តីពីការ
បំពេញទិន្នន័យគ្រោះថ្នាក់
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ឧសធានាចរាចរណ៍**


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Traffic Police Accident and Casualty Form

Part 1 - Information and Identification

Part 2 - Casualty Information

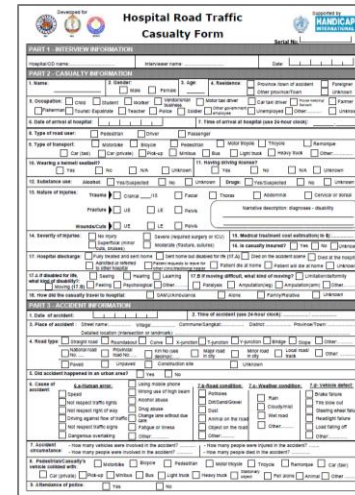
Part 3 - Vehicle Information

Part 4 - Driver Information

Part 5 - Witness Information

Part 6 - Other Information

Part 7 - Signatures



Hospital Road Traffic Casualty Form

Part 1 - Information and Identification

Part 2 - Casualty Information

Part 3 - Vehicle Information

Part 4 - Driver Information

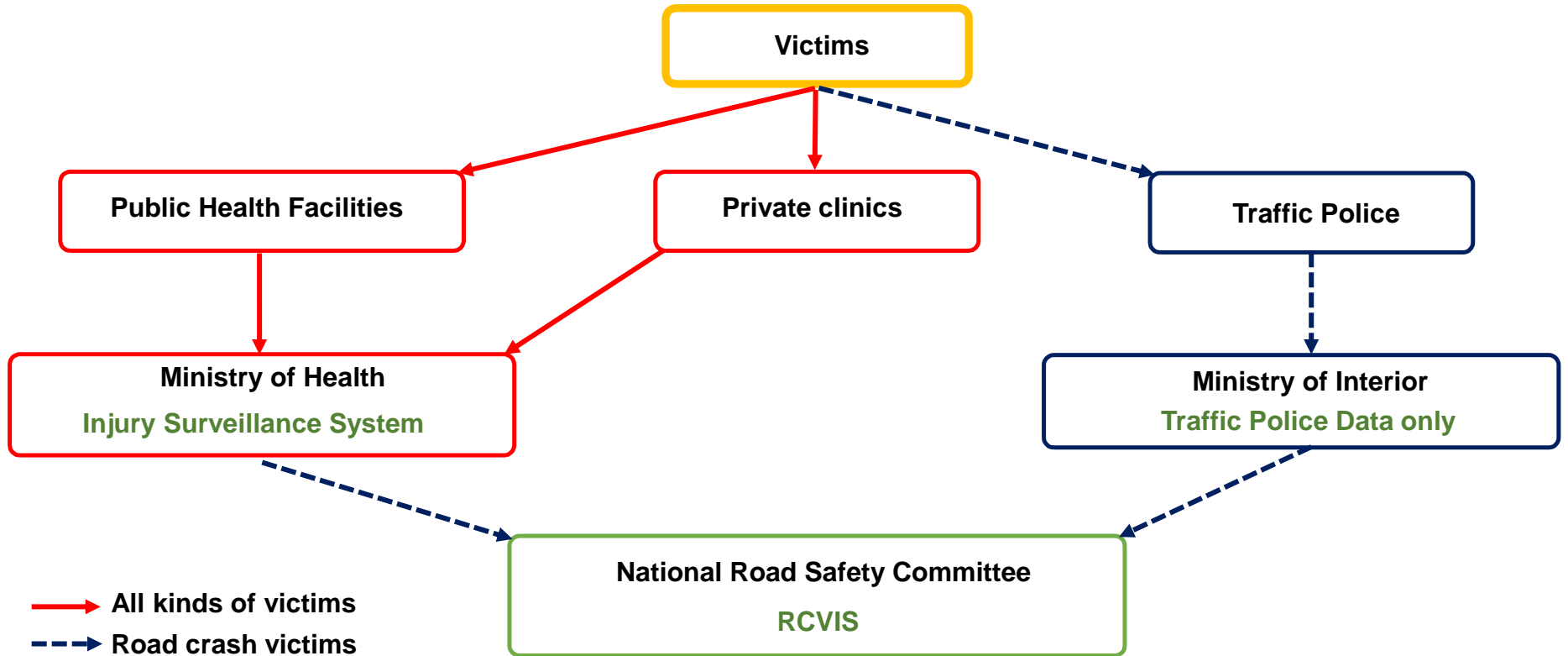
Part 5 - Witness Information

Part 6 - Other Information

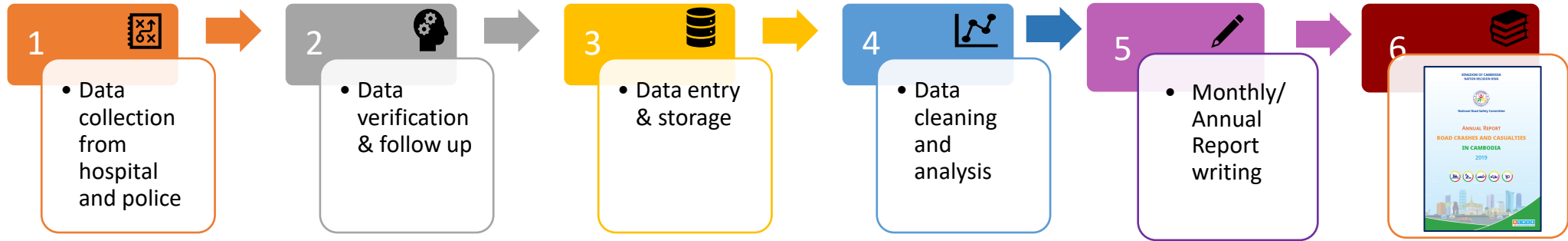
Part 7 - Signatures



Structure of data collection

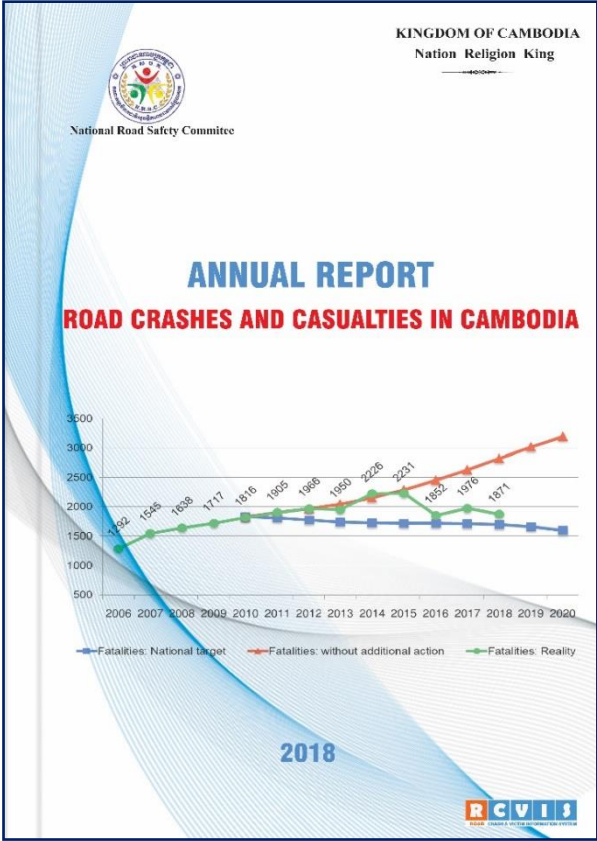


• The process to develop the RCVIS report



The annual publications

- Increase understanding of the current road safety situation,
- Increase political willing,
- Planning appropriate responses and policy,
- Evaluating impact of current and future initiatives,
- Evaluation of KPI such as helmet wearing, substance use,...
- Primary reference for researchers, medias and partners.





Lesson learned



- **Lesson learned:**

1



The lead agency for road safety

2



Following the standard road crash data guideline

3



The database linkage between Police and Hospital data

4



Training and motivation

5



Regular system update





The challenges

- // Shortage of capacity building on the data collection to officials;
- // The system is out of date comparing to the modern technology in the present;
- // Unsustain financial support;
- // Underreporting.



Way forward

- /// Digitalization of Police and Hospital Data Collection;
- /// Upgrade the current RCVIS system;
- /// Conduct the training on filling the road crash form for Police and Hospital;
- /// Seeking for sustainable financial support.



*Thank you
for your attention!*