

2. Good practices

2.1. Measures to reduce road traffic by two-wheelers or PM

1) Background

- The injury rate due to road traffic accidents by two-wheelers in Hwaseong City has been steadily increasing from 3.7 people (294 people) per 10,000 people in 2019 to 5.9 people (527 people) in 2022, and the use of two-wheelers has increased due to the increase in delivery demand since COVID-19 in 2020. When looking at the causes of road traffic accidents involving two-wheelers by violation of laws and regulations, 45.5% were due to failure to drive safely, 27.8% due to violation of traffic signals, and 7.1% due to failure to keep a safe distance.
- In addition, the number of users of personal mobility vehicles (PM) nationwide is increasing every year, and accidents are becoming a social problem due to their severity. In response, Hwaseong City is taking measures to prevent accidents involving two-wheelers and PMs.

2) Project details

- Since the license plate of a two-wheeler is located on the back of the vehicle body, it is not possible to crack down on it with regular enforcement cameras. Therefore, Hwaseong City installed an ‘unmanned enforcement cameras for two-wheelers’ that can recognize the rear license plate, making it possible to crack down on speed violations, and wearing safety helmets.
- In addition, customized education and promotion was conducted for delivery companies using two-wheelers, elderly two-wheeler drivers, and PM drivers in the province to establish orderly traffic between two-wheelers and PMs. The main contents include intensive crackdowns and publicity on two-wheeler accident-causing behaviors, education at senior colleges and senior community centers, and sending letters to youths to prevent unlicensed riding of PMs and road traffic injuries.

3) Project performance

- The number of promotions and education for two-wheelers and PM has continued to increase annually, from 230 in 2019 to 480 in 2023, and the number of fatalities from road traffic accidents due to PMs was zero in 2023.



Figure 12. [Good Practice 1] Implementing Measures to Reduce Road traffic injuries by Two-Wheelers and PMs