ROAD TO ZERO

SPEED, PHYSICS AND CRASHES

Activity 4: Exploring pedestrian crashes

Introduction

Pedestrian and cyclists are particularly vulnerable to injury and death as a result of excessive speeds. In this activity, you will learn about the impact of pedestrian crashes at different speeds (30 km/h and 50 km/h). You will then collect and analyse pedestrian data from your local area.

1. Watch the video titled Crash with Pedestrian.

Explain why you think pedestrians and cyclists are particularly vulnerable road users.

2. Collect some pedestrian data about your local government area here.

First, you should decide on the type of data you will collect: Fatalities or claims involving hospitalization. Then choose the gender, age range and road user (pedestrian) that you want to learn about and refine the search further.

3. Explain why these search terms were important to you:

4. When you have collected some data, use the prompts to generate a summary of it:

Download results	Create chart	Create table	Return to search ›

5. Screenshot and paste your data display here:

Select box to insert image from your device.

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6. Explain what is shown in this data display:

7. Extension: How might the data be used to advocate for road safety improvements through your local council? Draft an email to council, using persuasive language.