

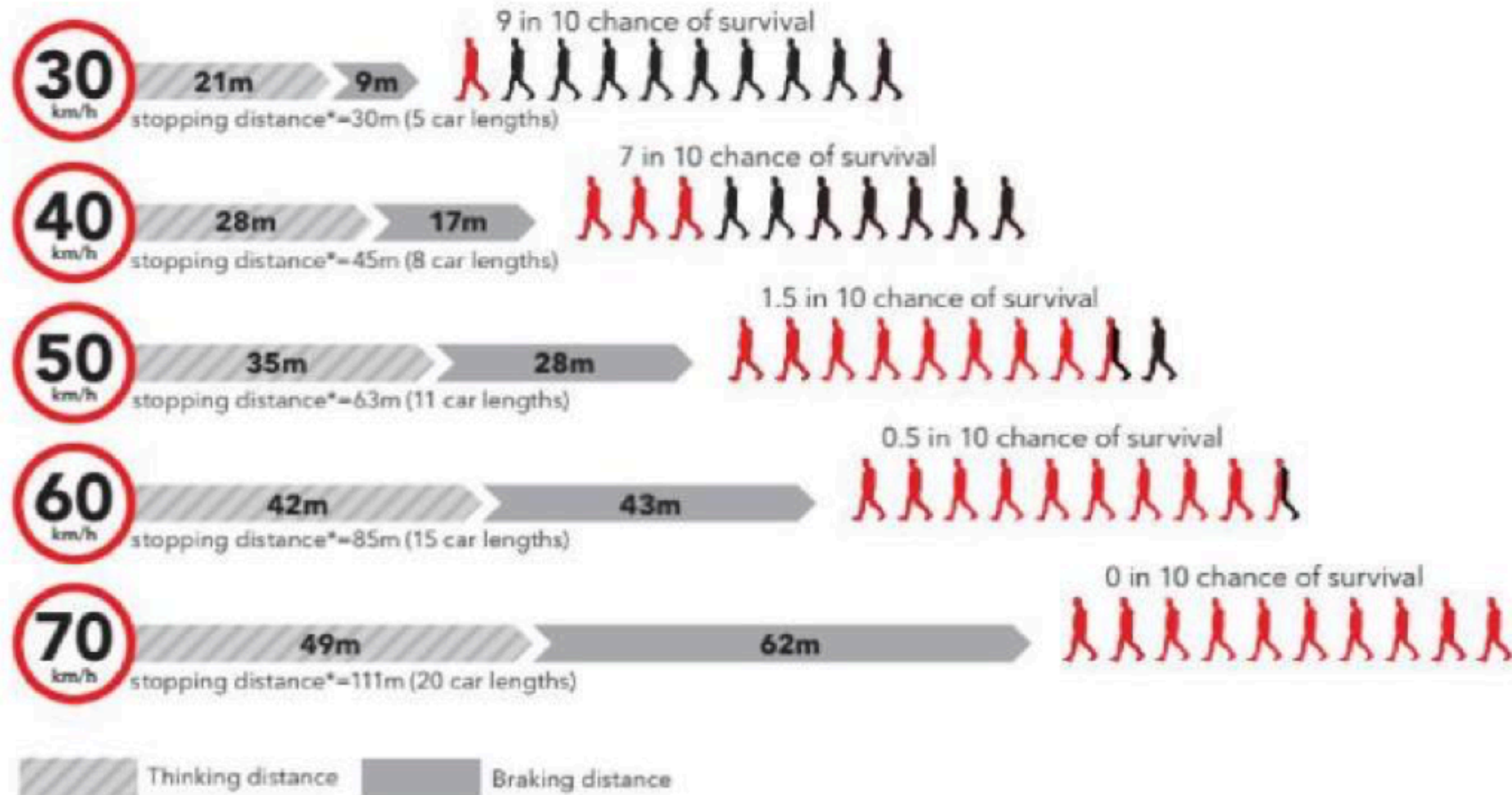
# **School Zone Speed Reduction In Brampton To 30 KM/H**

**Benefits of speed reduction in school zones.**

# Safety Aspect

## Statistics Regarding School Zone Speeds.

- A pedestrian struck by a vehicle at 30 km/h has a 5% risk of death. At 40 km/h, that risk rises to 13%.
- A study done by Sick Kids Hospital found a significant reduction of pedestrian/ motor vehicle collision, when school zone speed was reduced from 40 km/h to 30 km/h.
- Due to the height of children attending elementary schools, they are more likely to sustain serious injuries when hit by a vehicle.
- Children are more prone to enter the roadway unexpectedly.



source: Adapted from World Health Organization, 2008. Speed management: a road safety manual for decision-makers and practitioners. Transportation Association of Canada, 2011. Geometric Design Guide for Canadian Roads Part 1. 1.2.5.2 - 1.2.5.4.

Figure 1 – Vulnerable Road User Chance of Survival

# Consistency Aspect

## What Drivers Can Expect.

- In 2019 Mississauga reduced the speed in school zones to 30 km/h. In the fall of 2024, Mississauga City Council approved a change to make the posted 30 km/h speed limit in school zones dependant on time of day and day of the week. The change continues into 2026.
- Other municipalities that are considering, or have adopted a 30 km/h school zone speed limits are Milton, Cambridge, Brantford, Peterborough, Kingston, Toronto, Clarington, Collingwood, Kitchener, Waterloo, Guelph and Hamilton.

# **Vehicular Considerations.**

## **Two examples where vehicular numbers should affect speed limits.**

- An observation of two schools in Brampton showed a decrease in speed limit would result in a safer community zone.
- Lester B. Pearson Elementary School, on Howden Boulevard and Churchville Public School, on Bonnie Braes Drive, both encounter a large number of vehicles pulling over and parking, twice a day, on weekdays, during the school year.
- This action alone should warrant a lower speed limit on these roads, especially when combined with pedestrian movement and a crosswalk.

# Cost Considerations.

- The City of Mississauga budgeted \$700,000 for the street sign conversion, which involves the change of 1400 signs, to the new time and day of week standard.
- The Province of Ontario has recently committed financial aid to municipalities for speed calming measures. So far the fund stands at \$210,000,000. Distributed among all municipalities that apply for it.



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**Thank You.**