

SUPPLEMENTARY MATERIAL

Injuries (self-harm and violence, transport injuries, and unintentional injuries combined) were responsible for 134,642 (95% UI: 131,249-138,569) deaths in 1990, 172,320 (95% UI: 168,132-176,598) in 2015 and 168,284 (95% UI: 162,167-174,330) in 2019 (supplementary material 1A). The mortality rates due to injuries decreased from 100.9 (95% UI: 98.3-103.6) to 79.5 (95% UI: 77.4-81.6) and 73.7 (95% UI: 70.8-76.4) per 100,000 inhabitants, in 1990, 2015, and 2019, respectively; a reduction of 27% between 1990 and 2019 (supplementary material 1B). Deaths due to road traffic injuries account for approximately 30% of all deaths due to injuries (supplementary material 1A).

In terms of type of road transport, a 77% reduction was observed in the percentage of pedestrian mortality rates during the period (1990 to 2019). The rates were 22.2, 5.9, and 5.1 deaths per 100,000 inhabitants in 1990, 2015, and 2019, respectively. For motorcyclists and cyclists, an increase in mortality rates was observed, with percentage variations of 53% and 54% in 1990 and 2019, respectively (supplementary material 1B).

Supplementary Material 1B – Age-standardized mortality rates per 100,00 inhabitants, both sexes, from all causes, injuries, transport injuries, road traffic injuries, and types of road transport, according to year, and percentage variations between 1990 and 2015, 2015 and 2019, and 1990 and 2019, Brazil, GBD 2019.

Cause	Mortality Rate					
	1990	2015	2019	Percent Change		
	Rate (95% UI)	Rate (95% UI)	Rate (95% UI)	1990-2015	2015-2019	1990-2019
i) All causes	1019.9 (1004.0 - 1035.9)	666.3 (655.2 - 678.3)	633.1 (615.9 - 650.9)	-35%	-5%	-38%
ii) Injuries	100.9 (98.3 - 103.6)	79.5 (77.4 - 81.6)	73.7 (70.8 - 76.4)	-21%	-7%	-27%
ii.1) Transport injuries	34.9 (33.7 - 36.1)	22.0 (21.4 - 22.6)	19.8 (18.9 - 20.7)	-37%	-10%	-43%
ii.1.1) Road injuries	33.4 (32.2 - 34.6)	21.2 (20.7 - 21.8)	19.1 (18.2 - 19.9)	-36%	-10%	-43%
ii.1.1.1) <i>Pedestrian road injuries</i>	22.2 (21.4 - 23.1)	5.9 (5.7 - 6.1)	5.1 (4.8 - 5.4)	-73%	-13%	-77%
ii.1.1.2) <i>Motor vehicle road injuries</i>	5.9 (5.6 - 6.2)	6.9 (6.8 - 7.1)	6.4 (6.1 - 6.7)	17%	-8%	8%
ii.1.1.3) <i>Motorcyclist road injuries</i>	4.2 (4.0 - 4.4)	7.2 (7.0 - 7.4)	6.5 (6.1 - 6.8)	70%	-10%	53%
ii.1.1.4) <i>Cyclist road injuries</i>	0.5 (0.5 - 0.6)	0.9 (0.8 - 0.9)	0.8 (0.8 - 0.9)	67%	-8%	54%
ii.1.1.5) <i>Other road injuries</i>	0.5 (0.4 - 0.5)	0.3 (0.3 - 0.4)	0.3 (0.3 - 0.3)	-33%	-4%	-35%
ii.1.2) Other transport injuries	1.5 (1.5 - 1.6)	0.8 (0.7 - 0.8)	0.7 (0.7 - 0.7)	-50%	-8%	-54%