

Peer Review Report

Review Report on Evidence from the decade of action for road safety: a systematic review of the effectiveness of interventions in low and middle-income countries

Systematic Review, Public Health Rev

Reviewer: Camilo Gutierrez Osorio

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EVALUATION

Q 1 Please summarize the main theme of the review.

The review covers the subject of the effectiveness of interventions on road safety from the five pillars of road safety management, safer roads and mobility, safer vehicles, making road users safer, and improved post-crash response and hospital care in low and middle income countries.

Q 2 Please highlight the limitations and strengths.

Limitations:

Strengths:

The article focuses on the countries most affected by road accidents, which makes it more relevant for the WHO goals.

Q 3 Please provide your detailed review report to the authors, structured in major and minor comments.

Major Comment

The document requires editing of English language and style, there are errors and typos, such as title in Line 86, and missing references, in line 107.

IMESEVI: please define acronym

Major comment: In section Data Synthesis, the authors affirmed that they excluded studies based on design. Please elaborate the idea to support this decision.

Section Results

Major comment: Regarding Enforcement and traffic laws, one aspect that is suggested inside the category of multifaceted road safety laws are the aspect of obtaining a driving license. The tightening/improving of the requirements for obtaining a driving license is one of the ways to strengthen safety policies on the road, placing emphasis on motorcycle drivers or another group that is considered relevant. Any of the selected LMIC countries had seek to change/revise their driver license requisites, such as minimum age, theoretical and practical formation and methodology of examination?

Minor comment: Concerning speed management, the authors should mention other well-known traffic-calming measures such as restriction to vehicle circulation based on the license plate numbers. This type of policy had been implemented in cities such as Mexico City (Mexico), Santiago (Chile), Bogotá (Colombia), Beijing, and Jakarta, with mixed results in terms of road safety.

Minor comment: Regarding vehicle safety standards, the authors should mention policies that seek to replace obsolete and insecure vehicle models in public transport (buses and taxis) and freight transport.

Section Conclusion

Minor comment: The authors should not dismiss the availability of police records on road accident as start point to form a good quality crash data system. There are scientific research in some LMICs countries that employs police records to propose predictive models to characterize or event try to forecast road accidents severity.

Major comment: Please elaborate the ide in line 271 and 272, "We are currently investigating ways of improving road traffic death registration systems in LMICs using systems thinking approaches", it is not clear what the authors mean by "system thinking approaches".

PLEASE COMMENT

Q 4 Is the title appropriate, concise, attractive?

The title is appropriate for the scope of the paper.

Q 5 Are the keywords appropriate?

The keywords are appropriate.

Q 6 Is the English language of sufficient quality?

The document requires editing of English language and style, there are errors and typos, such as title in Line 86, and missing references, in line 107.

Q 7 Is the quality of the figures and tables satisfactory?

Yes.

Q 8 Does the reference list cover the relevant literature adequately and in an unbiased manner?

The reference list is relevant and cover the literature in an unbiased manner

Q 9 Does this manuscript refer only to published data? (unpublished data is not allowed for Reviews)

Yes.

Q 10 Does the manuscript cover the issue in an objective and analytical manner

Yes.

Q 11 Was a review on the issue published in the past 12 months?

No.

Q 12 Does the review have international or global implications?

The review have international implications, since it covers low and middle income countries.

QUALITY ASSESSMENT

Q 13	Quality of generalization and summary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Q 14	Significance to the field	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Q 15	Interest to a general audience	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Q 16	Quality of the writing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REVISION LEVEL

Q 17 Please take a decision based on your comments:

Major revisions.