

Star Ratings for Schools

The World Health Organisation (WHO) reports 150,785 road deaths occur each year in India (WHO, 2018). Road deaths have an estimated economic cost of \$US75 billion per year or 4% GDP (WHO, 2015). Road trauma represents an enormous public health challenge.

IndiaRAP is a locally led, globally supported road assessment programme for India. It is a collaboration between iRAP and the Asian Institute of Transport Development (AITD), generously supported by FedEx. With the help of World Bank Global Road Safety Facility (GRSF) and Bloomberg Philanthropies, IndiaRAP is shaping government investment in safer road infrastructure across the country.

Star Ratings are based on road inspection data and provide a simple and objective measure of the level of safety which is 'built-in' to the road for vehicle occupants, motorcyclists, bicyclists and pedestrians.

Each day 500 children are killed in preventable traffic crashes around the world. Sometimes they are killed just yards from the school entrance.

Each traffic death and injury violates a child's right to an education.

Star Rating for Schools (SR4S) is an evidence-based tool for measuring, managing and communicating the risk children are exposed to on a journey to school. It supports quick interventions that save lives and prevent serious injuries from day one.

The United Nations has included road safety in its Sustainable Development Goal (SDG) 3.6. SR4S is key to meeting these global targets for child and adolescent pedestrians.



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Impact of countermeasures Results Form

	Location 1	Location 2
Country:	INDIA	
School name:	W20T MOTHERS PRIDE MUNIRKA & W20T J D TYTLER SCHOOL	
Survey name:	W20 Archana Bhanga Survey 1 & W20 Archana Bhanga Survey 2	
Existing Star Ratings		
Star Rating Score (SRS):	5.74	7.56
Star Rating (1-5 stars):	FOUR STAR	FOUR STAR
Suggested upgrades		
Upgrade 1:	LINES & SIGNS- ADEQUATE	SPEED MANAGEMENT
Upgrade 2:	SCHOOL WARNING- FLASHING BEACONS	SCHOOL WARNING- SIGNS & MARKINGS
Upgrade 3:	OPERATING SPEED-30 KMPH (SAME AS SPEED LIMIT)	OPERATING SPEED-30 KMPH (SAME AS SPEED LIMIT)
New Star Ratings		
Star Rating Score (SRS):	1.00	1.26
Star Rating:	FIVE STAR	FIVE STAR
Estimated percentage reduction in risk of death and serious injury *	82.57%	83.33%

* Estimated percentage reduction in risk of death and serious injury

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$$\frac{\text{Existing SRS} - \text{New SRS}}{\text{Existing SRS}}$$

For example: $(100 - 50) / 100 = 50\%$ reduction in risk of death and serious injury

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