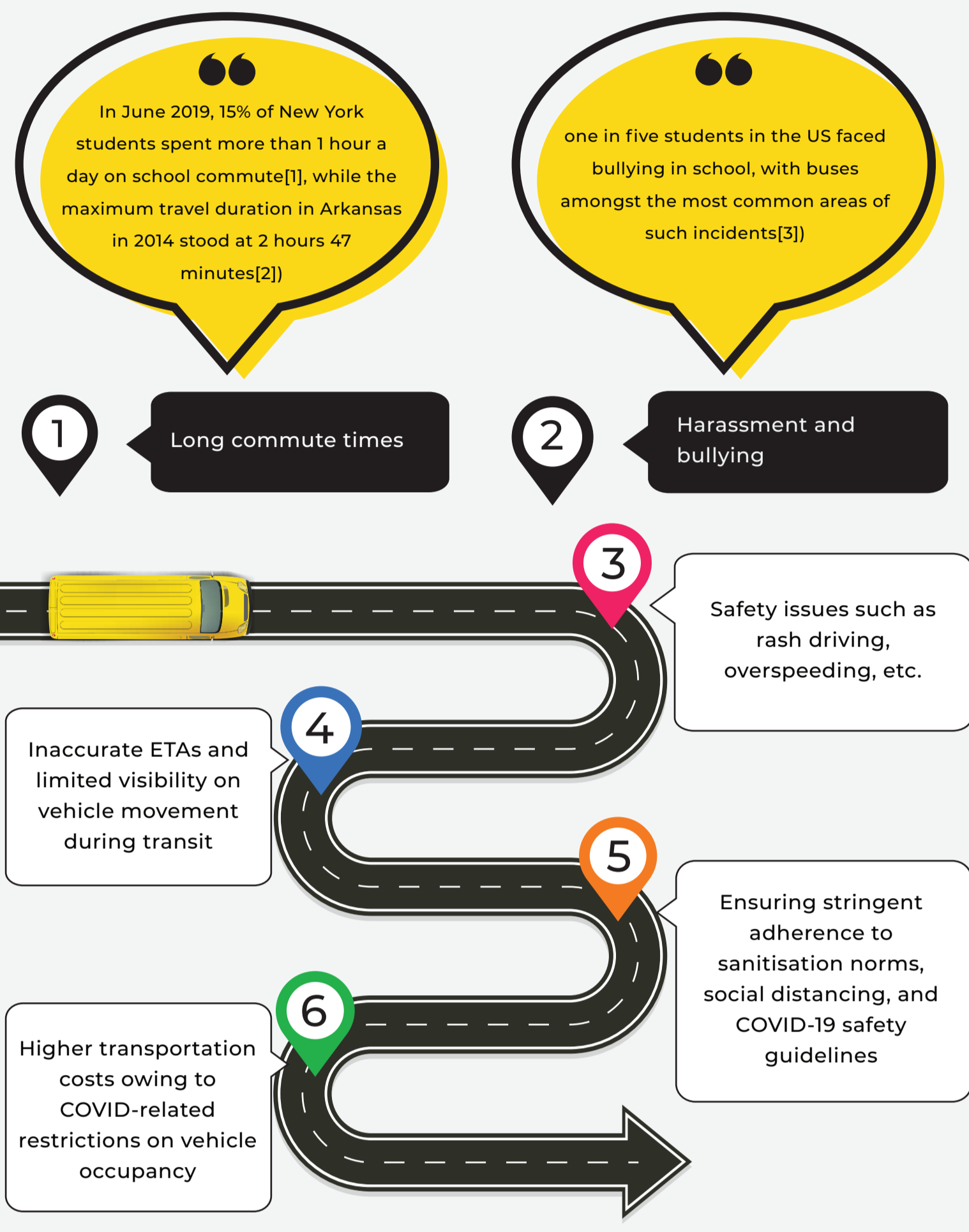


# THE FUTURE OF SCHOOL BUS TRANSPORTATION AND SAFETY IN A POST-PANDEMIC WORLD



To be ready for today and prepare for tomorrow, the school bus transportation space needs to overcome several challenges such as:



This is why the future of school bus transportation has to be digital. By digitising their transport operations with digital fleet management solutions such as SafeBus, school administrations can:

- 01** Identify and address safety and health-related issues such as bullying, harassment, and violation of social distancing norms through in-camera integrations.
- 02** Avoid pick-ups/drop-offs in COVID-19 hotspots by custom-defining red zones.
- 03** Streamline functions such as vehicle sanitisation schedules, safety equipment replenishment, and driver temperature checks through automated checklists.
- 04** Bring down the transit time to under an hour through automated route planning powered by advanced algorithms and data analytics.
- 05** Reduce driver-related issues such as rash driving, speeding, etc. with real-time monitoring and feedback mechanisms.
- 06** Provide peace of mind to parents by providing accurate, real-time ETA updates and student boarding/deboarding status.
- 07** Get alerts about any deviation from the predefined route through features such as geo-fencing.
- 08** Reduce the effort and time demanded of their transport teams for administrative, routing, and compliance-related queries.
- 09** Bring down the costs of their transport operations by up to 30% without compromising on student safety.

## REFERENCES

[ 1 ] The Department of Education – June 2019

[ 2 ] The Arkansas Department of Education and the Bureau of Legislative Research – 2014

[ 3 ] National Centre for Educational Statistics - 2019