

Major Incident Investigations: Lessons Learned Report

Transport for London

October 2017

In confidence

This report summarises incidents classified as “major” under the Notification and Investigation of Major Incident (NIMI) process. Incidents included in the report are those reviewed by TfL in the period and does not imply all incidents investigated by bus operators. The report is intended for use by London bus companies and TfL in the collective effort to learn lessons from major incidents and take appropriate actions wherever possible to prevent them from recurring. The report is not intended for wide circulation.



89 NIMI Investigations Concluded – Analysis of Key Contributory Factors (some incidents have multiple factors)

		Bus Driver Factors											Vehicle Factors					3rd Driver Factor		3rd P2W / Cyclist Factor		Pedestrian Factor		Infrastructure Factors			
Events	Number of Closed NIMIs	Distraction	Driving Standards	Hazard Perception	Off Line Of Route	Pedal Confusion	Speed	Vehicle familiarisation	Medical	Fatigue	Health	D & A	Component Failure	Design Issues	Sight Lines	System Failure	Maintenance	D & A	Unexplained Action	D & A	Unexplained Action	D & A	Unexplained Action	Asset Condition	Lighting Signage	Location	Road layout
Bus v Bridge	4		4	4	2																				1		
Bus v Bus	1	1	1	1																						1	
Bus v Cyclist	2																			2							
Bus v Motorcyclist	1		1	1																							
Bus v Other Vehicle	8		4	3		1	1			1									1		1						
Bus v Pedestrian	35	1	4	4	1		2											1		1		2	29		1	2	1
Bus v Structure	13	2	8	3	1	6				1	2	1		1					1							1	1
Bus v Tree	4		1	2																				2		1	
Driver D & A Failure	1																	1									
Fall On Bus	5			2											1				1				4			1	
Fire, mechanical or Electrical Failure	14		1					1					6			1	10										
Unintended Bus Movement	1		1																								
Total	89	4	25	20	4	7	3	1	0	2	2	1	6	1	1	1	10	2	3	0	4	2	33	2	2	6	2

Analysis of contributory factors to the 89 concluded NIMI investigations.
Some incidents have multiple factors (October 2017)

