

Response to Parliamentary Question 1635

Question 1635 (b)

Open Line Collisions							
2015-16		2016-17		2017-18		2018-19	
Injuries	Fatalities	Injuries	Fatalities	Injuries	Fatalities	Injuries	Fatalities
600	18	621	1	383	1	0	0

Level Crossings							
2015-16		2016-17		2017-18		2018-19	
Injuries	Fatalities	Injuries	Fatalities	Injuries	Fatalities	Injuries	Fatalities
12	0	12	4	286	24	7	0

2016-17 Open Line Collisions						
Date and Place		Region	Description	Causes	Injuries	Fatalities
2016/06/23	Merebank - Havenside	KwaZulu Natal	Metro train 9658 collided head on with metro train 9663.	No protection afforded to the authorised abnormal movement of metro train 9663 by TCO. Automatic Train Routing was not disabled by TCO.	165	0
2017-02-20	Lynross	Gauteng	Metro train 9457 collided head on with metro train 9478 at Lyross station.	TCO handed over incorrect information	214 (include 2 employees)	0
2016-10-29	Kaalfontein - Tembisa	Gauteng	Train 1848 ran on the up direction on the down line with signals due to Electrical occupation as per YQ 0178 that was in place on the up line. Train 1851 arrived at Kaalfontein at 12:44 it then passed Signal KN 6032 at danger without authority and ran through points 7233 and then passed signal KN 8038 also without authority, which led to a head on collision with stationary train 1848 at km/point EC24/957.	Train driver passed two signals at danger without the necessary authority	242	1
2016-17 Level Crossing Incidents						
2016-06-26	Dal Josafat	Western Cape	Metro train 3501 collided with bakkie at the level crossing. The driver of the "bakkie" and his two passengers sustained serious injuries.	non adherence of the road sign by motorist	3	0
2016-06-24	Eerste River	Western Cape	Metro train 3422 collided with a truck on the Qaurry level crossing. The driver of the truck was injured.	Non-adherence to road traffic signs by motorist	1	0

2016-06-11	Kromberg	Eastern Cape	Metro train 0014 hit a car at Kromberg level crossing. Motor vehicle driver and his passenger were fatally injured.	Non-adherence to road traffic signs by motorist	0	2
2016-09-23	Piensaarspoort	Gauteng	Metro train no 9103 set P3 hit a white vehicle bakkie on the level crossing. Two occupants in the motor vehicle sustained injuries and one sustained fatal injuries.	Non-adherence to road traffic signs by motorist	2	1
2016-09-21	Kromme Rhee	Western Cape	Metro train 3422 collided with a bakkie carrying hazardous material at Kromme Rhee Level Crossing and the train caught fire. Two plain trailers had partial damage while one motor coach was completely burnt. Driver of motor vehicle sustained injuries.	Non-adherence to road traffic signs by motorist	1	0
2016-09-14	Goudeon	Gauteng	Metro train 0407 collided with a private vehicle at the level crossings. The driver of the private vehicle died on the scene.	Non-adherence to road traffic signs by motorist	0	1
2016-10-17	Vlottenburg - Stellenboch	Western Cape	Metro train 3415 (19 Set) collided with a bakkie at the Blankenberg Level Crossing. the driver of the motor vehicle sustained injuries and was taken to hospital by his wife.	Non-adherence to road traffic signs by motorist	1	0
2017-02-23	Pretoria North	Gauteng	Metro train 9530 motor vehicle at the level crossing. Driver of the vehicle sustained injuries.	Non-adherence to road traffic signs by motorist.	1	0

2017-02-14	Witbank	Mpumalanga	Shosholoz Meyl train 78923 collided with a car. All three occupants of the car were injured.	Non-adherence to road traffic signs by motorist	3	0
2015-16 Open Line Collisions						
2015/04/28	Denver	Gauteng	Tshwane Business Express (TBE) 1602 collided into the rear of Metroplus 0600 at Denver Station, Johannesburg. Both trains were enroute to Johannesburg from Pretoria Station.	The driver misread the signal and passed the signal at danger without the necessary authority.	240 (incl 3 employees)	1 (employee)
2015/05/20	Merinoval-Peelton	Eastern Cape	Shosholoz Meyl train 47014 collided with TFR Goods train 4213. Four passengers inside shosholoz meyl train sustained injuries, eighteen employees (3 TFR & 15 PRASA) sustained injuries and two PRASA employees (Tranship Porters) were fatally injured.	The TCO authorised a train into an occupied section	22 (incl 18 employees)	2
2015/08/17	Booyens	Gauteng	Metro train 9404 collided in the rear end of metro train 9934 that was stationary at signal CRN 69. 328 passengers and 5 personnel sustained injuries. No fatalities were reported.	System failure	333 (incl 5 employees)	0
2015-16 Level Crossing Incidents						
2015/05/22	Westonaria	Gauteng	Metro 1505 hit a vehicle at the level crossing and the driver of the vehicle sustained injuries.	Non-adherence to road traffic signs by motorist	1	0

2015/09/07	Springfield	Kwa Zulu Natal	Shunt unit locomotive no. 8036 collided with a bakkie on the level crossing at Springfield. One person in a car was injured.	Non-adherence to road traffic signs by motorist	1	0
2015/10/04	Arnoldton	Eastern Cape	Shosholoza meyl train 47014 collided with a car. Motor vehicle driver was injured.	Non-adherence to road traffic signs by motorist	1	0
2015/11/15	Nyanga	Western Cape	Metro train 9701 collided with a car at the entrance to the Electrical Substation.	Non-adherence to road traffic signs by motorist	1	0
2015/12/17	Westonaria	Gauteng	Metro train 0408 collided with a motor vehicle at the level crossing. The vehicle driver and his passenger were injured.	Non-adherence to road traffic signs by motorist	2	0
2015/12/28	Stellenbosch	Western Cape	Metro train 3424 collided with a motor vehicle at the level crossing. The two occupants in the vehicle sustained injuries.	Non-adherence to road traffic signs by motorist	2	0
2016/01/28	Steenberg	Western Cape	Metro train 0169 (Q Set) collided with a truck at the Military Road Level Crossing. Train driver of train was injuries.	Non-adherence to road traffic signs by motorist	1	0
2016/03/19	Muldersvlei	Western Cape	Metro train no. 3516 (22 Set) collided with a bakkie at the level crossing. One occupant in a car sustained injuries.	Non-adherence to road traffic signs by motorist	1	0
2016/12/07	Piensaarspoort	Gauteng	Metro train 9913 collided with a private vehicle at the level crossings.	Non-adherence to road traffic signs by motorist	2	0

2017-18 Open Line Collisions						
2017-06-01	Elandsfontein	Gauteng	TBE collided in the rear motor coach of metro train 1817 while departing from the yard to crossover. One passenger was fatally injured and 152 were sustained injured.	Signal cable theft	152	1
2018-01-09	Geldenhuis	Gauteng	Metro train 0323 collided with the rear of stationary metro train 0317.	Metro train 0323 and 0301 were authorized into an occupied line	226	0
2018-03-25	Medunsa - Lynross	Gauteng	Metro train 4413 hit a car that was crossing over the running line while the train was approaching at maspole 30/664 and 30/798. Four occupants in a car sustained injuries.	Non-adherence to the road signs by the motor vehicle driver.	4	0
2017-18 Level Crossing Incidents						
2017-05-18	Millside	Gauteng	Metro empty coach 0993 set W3 collided with a vehicle at Millsite level crossing .The driver of the vehicle-sustained injuries.	Non adherence of road signs by motorist	1	0
2017-05-23	Lakeside	Western Cape	Metro train no. 0165 (D Set) collided with a motor vehicle at the level Crossing. Both driver and passenger of motor vehicle sustained injuries.	Non adherence of road signs by motorist	2	0
2017-05-24	Kanana	North West	Shosholozameyl train 17005 collided with a vehicle at KM point 14 mast pole 12. The driver of the vehicle was injured.	Non adherence of road signs by motorist	1	0

2017-07-25	Charlotteddale	KwaZulu Natal	Metro Train 0298 a private motor vehicle at the level crossing. Three occupants of the vehicle passengers were injured.	Non adherence of road signs by motorist	3	0
2017-07-27	Muldersvlei	Western Cape	Metro train no. 3519 (34 Set) collided with a motor vehicle at the Level Crossing. All five occupants of the vehicle sustained injuries.	Non adherence of road signs by motorist	5	0
2017-07-30	False Bay	Western Cape	Metro train collided with a motor vehicle at the level Crossing. Motor vehicle passenger was injured.	Non adherence of road signs by motorist	1	0
2017-09-19	Muldersvlei	Western Cape	Metro train no. 3525 (8 Set) collided with a truck transporting diesel. Motor coach 19599 derailed due to level crossing collision. Train driver, truck driver and one passenger sustained injuries.	Non adherence of road signs by motorist	3	0
2018-01-01	Kuils River - Bellville	Western Cape	Metro train 3216 collided with motor vehicle level crossing. The driver of the motor vehicle sustained minor injuries.	Non adherence of road signs by motorist	1	0
2018-01-04	Geneva	Free State	Shosholoza Meyl train 37012 from Port Elizabeth en-route to Johannesburg collided with a truck at Geneva Level Crossing and derailed with 7 Passenger coaches. In the process some of the coaches caught fire. 263 injuries and 24 fatalities were reported.	Non-adherence of road signs by motorist.	263	24

2018-01-10	Rooikop-Mapleton	Gauteng	Shosholoz Meyl train 76009 collided with a vehicle at Rondebult level crossing. The driver of the vehicle was injured.	Non adherence of road signs by motorist	1	0
2018-01-14	Westonaria	Gauteng	Metro train 0416 hit a vehicle at the level crossing, the vehicle driver sustained injuries. Non-adherence of road signs by motorist.	Non adherence of road signs by motorist	1	0
2018-03-14	Eerste River	Western Cape	A truck collided with metro train 3410 (9 - Set) at a level crossing. The truck driver, one train passenger and the train driver sustained injuries.	Non- adherence of road signs by motorist	1	0
2018-19						
2018-04-27	Buttskop	Western Cape	Metro train 3200 collided with a bakkie at the level crossing. The driver of the vehicle as well as all 6 occupants sustained fatal injuries.	Non -adherence of road signs by motorist	7	0

Question 1635 (c)

Type of incident	Causes of Incidents
Open Line Collisions	<ol style="list-style-type: none"> 1. Human Error 2. Theft and Vandalism of Signalling Equipment 3. Poor Supervision and or Supervisory Skills
Level Crossing incidents	Non Adherence to Road Traffic signs by motorist

Question 1635 (d & e)

Safety Interventions	Milestones/ Timeframes
Implementation of Human Factors Management.	Processes and Procedures to manage HFM are developed, workshopped with staff and in the implementation stage.
Recruitment of Section Managers to improve supervision.	Safety Critical vacancies that existed in 2016/17 were filled by end of 2017/18. Section Managers were trained through the University of Cape Peninsular to improve their supervisory skills.
Training of staff on Abnormal Working Conditions.	Training is completed in Western Cape, Easter Cape and Kwa-Zulu Natal Regions. 60% of Employees in Gauteng are completed and the remaining 40% is planned for completion by end of July 2018.
Implementation of alternative method of train working only authorised by Section Managers.	Implemented in March 2018 and On going
Allocation of additional security resources in identified hotspots for theft and vandalism.	On going
Conduct the Train Driver Behaviour Study in partnership with Wits University.	Project team concluded research and interviews in Gauteng and Western Cape Regions. Kwa Zulu Natal, Eastern Cape and MLPS will be conducted by end of August 2018. The project completion date is October 2018
Elimination of Level Crossing where possible	
Safety Awareness campaigns in partnership with Local Municipalities, Transnet Freight Rail and the Railway Safety Regulator.	Regional Weekly Safety Campaigns are ongoing. Biannual Level Crossings with other stakeholders are ongoing. Simulations are conducted in high incident level crossings.