

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS**

**LOK SABHA  
UNSTARRED QUESTION NO. 5249  
TO BE ANSWERED ON 05.04.2017**

**AVOIDING RAIL DERAILMENT**

**5249.DR. SANJAY JAISWAL:**

**SHRI RAVINDRA KUMAR PANDEY:**

**Will the Minister of RAILWAYS be pleased to state:**

- (a) the precautionary steps Government is taking to ensure that incidents such as derailment do not take place in future;**
- (b) the yearly allocation of funds in the last three years, dedicated especially for the repair and maintenance of railway tracks;**
- (c) whether Government is planning to increase these funds for better maintenance of railway tracks; and**
- (d) if so, the details thereof?**

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF RAILWAYS**

**(SHRI RAJEN GOHAIN)**

**(a) to (d): A Statement is laid on the Table of the House.**

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 5249 BY DR. SANJAY JAISWAL AND SHRI RAVINDRA KUMAR PANDEY TO BE ANSWERED IN LOK SABHA ON 05.04.2017 REGARDING AVOIDING RAIL DERAILMENT**

**(a): Safety is accorded the highest priority by Indian Railways and all possible steps are undertaken on a continual basis including up-gradation of technology to aid safe running of trains. These include replacement of over-aged assets, elimination of unmanned level crossings, adoption of suitable technologies for upgradation and maintenance of track, rolling stock, signalling and interlocking systems, safety drives, greater emphasis on training of officials and inspections at regular intervals to monitor and educate staff for observance of safe practices. Safety devices/systems used to prevent accidents include complete track circuiting, provision of Block Proving Axle Counters (BPAC), Train Protection Warning Systems (TPWS), Colour Light LED Signals, Vigilance Control Device (VCD), usage of 60 kg rails and Pre-stressed Concrete Sleepers, long rail panels, better welding technology, digital types of machines for ultrasonic flaw detection (USFD), electronic monitoring of tracks using track recording cars (TRC) and portable oscillation monitoring system (OMS), progressive use of Linke Hofmann Busch (LHB) Coaches, Centre Buffer Coupler with Integral Coach Factory (ICF) Coaches, etc. Other measures include training of loco pilots and**

**other safety category staff, improvement of their working conditions including proper rest and periodic medical examinations etc. Besides, periodic safety drives, inspections as per laid down schedules, patrolling of tracks, footplate inspections and safety reviews at various levels are regularly conducted to continuously monitor and improve safety aspects of the Railways.**

**(b) to (d): Budget allotted under Minor-Heads related to repairs and maintenance of railway tracks covered under Repairs and Maintenance of Permanent Way & Works in the last three years is as under:-**

**(Gross ₹ in Crore)**

<b>Minor -heads</b>	<b>Revised Estimate 2013-14</b>	<b>Revised Estimate 2014-15</b>	<b>Revised Estimate 2015-16</b>	<b>Revised Estimate 2016-17</b>
<b>Establishment in Offices</b>	<b>918.18</b>	<b>1051.08</b>	<b>1092.86</b>	<b>1417.57</b>
<b>Maintenance of Permanent Way</b>	<b>6207.58</b>	<b>7017.73</b>	<b>7322.19</b>	<b>9068.87</b>
<b>Maintenance of work and Tunnels including Road over/under bridges</b>	<b>304.41</b>	<b>349.60</b>	<b>358.39</b>	<b>456.83</b>
<b>Special repairs pertaining to Breaches, Accidents etc. including special Revenue Works</b>	<b>107.29</b>	<b>130.69</b>	<b>153.94</b>	<b>148.93</b>
<b>Total</b>	<b>7537.46</b>	<b>8549.10</b>	<b>8927.38</b>	<b>11092.20</b>

**This being a safety item, it is the endeavour of Ministry of Railways to provide sufficient allocation which is being increased progressively year after year.**

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