

the same for filling up, which involves notification of vacancies, holding examinations, finalization of select panels and issue of appointment letters.

(b) The vacancy position zone wise in Group 'C' and erstwhile Group 'D' as on 01.04.2016 (Provisional) is as under:

Zonal Railway	Vacancy
Central	21578
East Coast	6997
East Central	16682
Eastern	22066
Metro	801
North Central	13569
North Eastern	11144
Northeast Frontier	10217
Northern	25395
North Western	11475
South Central	12814
South East Central	6478
South Eastern	16235
Southern	10233
South Western	5047
West Central	11434
Western	15204
<b>TOTAL</b>	<b>217369</b>

(c) Total number of persons empanelled for various Group 'C' and erstwhile Group 'D' posts during the last five years is 1,92,026.

#### **Measures to check train accidents**

1257. SHRI RAM KUMAR KASHYAP: Will the Minister of RAILWAYS be pleased to state:

(a) the total number of train accidents which have occurred since 2009-10 till date and how many people were killed and injured in those accidents;

(b) whether Government has ascertained causes of these accidents and if so, the details thereof;

(c) the details of measures taken to check train accidents; and

(d) the details of projects concerning railway safety pending for implementation and since when, and by which date those projects will be implemented?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI RAJEN GOHAIN): (a) Number of Consequential train accidents from 2009-10 to 2015-16 and the current year from 1st April, 2016 to 28th February, 2017 are given below:-

Year	No. of Consequential train accidents (including accidents at Unmanned Level Crossings)	Killed	Injured
2009-10	165	238	397
2010-11	141	381	461
2011-12	131	319	717
2012-13	122	204	381
2013-14	118	152	234
2014-15	135	292	457
2015-16	107	122	188
2016-17 (01.04.2016 to 28.02.2017)	99	232	353

(b) Causes of Consequential train accidents from 2009-10 to 2015-16 and the current year from 1st April, 2016 to 28th February, 2017 are given below:-

Broad Cause	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Failure of Railway Staff	63	56	52	46	51	60	55	64
Failure of other than Railway staff	75	57	63	59	57	58	38	19
Failure of equipment	6	5	5	6	3	4	2	1
Sabotage	14	16	6	3	3	3	1	2
Combination of factors	1	3	1	-	-	-	1	3
Incidental	4	4	3	7	4	8	9	7

Broad Cause	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Could not be established/ None Held Responsible	2	-	1	1	-	2	1	-
Under Investigation	-	-	-	-	-	-	-	3*
TOTAL	165	141	131	122	118	135	107	99

\*causes are under investigation:

(c) and (d) Improvement in train safety is a continuous process. Constant upgradation of technology is being incorporated in all spheres of Railway operations and infrastructure to prevent accidents and to enhance safety. Safety is accorded the highest priority by Indian Railways and all possible steps are undertaken on a continual basis to prevent accidents and to enhance safety. These include replacement of over-aged assets, 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 being used to prevent accidents include complete track circuiting, provision of Block Proving Axle Counters (BPAC), Auxiliary Warning System (AWS), Colour Light LED Signals, Vigilance Control Device (VCD), usage of 60kg rails and Pre-stressed Concrete Sleepers, long rail panels, better welding technology, progressive use of Linke Hofmann Busch (LHB) Coaches, Centre Buffer Couplers with Integral Coach Factory (ICF) Coaches, etc.

#### **Inquiry into train accidents**

1258. SHRIMATI JAYA BACHCHAN: Will the Minister of RAILWAYS be pleased to state:

(a) whether Government has taken note of the two major train accidents in the past month, raising questions on passenger safety;

(b) whether Government has constituted any inquiry into the accidents and its causes;

(c) if so, the details and the preliminary findings thereof; and

(d) whether Government plans to take any concrete measures to prevent such repeated accidents in future, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI RAJEN GOHAIN): (a) to (c) Yes, Sir. Two major consequential train accidents have occurred