

LOK SABHA
UNSTARRED QUESTION NO. 5497
TO BE ANSWERED ON 6TH APRIL, 2017

Nationwide Safety Survey for Coal Mines

5497. SHRI C. MAHENDRAN:

Will the Minister of COAL be pleased to state:

- (a) whether the Government has called for a nationwide safety survey for the country's coal mines;
- (b) if so, the details thereof and the reasons therefor;
- (c) whether the average number of serious injuries per metric tonne of coal mined has increased/decreased and if so, the details thereof;
- (d) whether the coal mining fatality figures in the country are better than those in other countries of the world; and
- (e) if so, the details thereof

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL, POWER, NEW AND RENEWABLEE ENERGY AND MINES (SHRI PIYUSH GOYAL)

(a)&(b): Yes Madam. The Government has called for Safety Audit in all coal mines of Coal India Limited (CIL). The reason for conducting Safety Audit of mines is to assess whether all operations of the mine are being carried out safely as per provisions of statute and to identify deficiencies thereof, if any, in order to rectify the same for improving safety standard of the mines.

Accordingly, multi-disciplinary inter-company teams have been formed for conducting Safety Audit of all mines of CIL. Safety Audit has already been conducted in 83.5% of all mines of CIL as per the priority and Safety Audit of remaining mines will be completed shortly.

(c): As per information received from Directorate General of Mines Safety (DGMS), the average number of serious injuries per metric ton of coal has decreased. The details are shown below.

Year	No. of Serious injuries*	Output in metric tone	Rate of serious injuries per metric ton
2012	548	617969	0.89
2013	468	589513	0.79
2014	394	650596	0.61
2015	297	650596	0.46
2016	267	650596	0.41
2017	21	650596	0.03

*Include injuries of fatal accident.
Data up to 28.02.2017. Data for the year 2015, 2016 & 2017 are provisional.

(d)&(e): The fatality figures of Coal India Ltd (CIL) is better than China, which is No.1. Coal producing Country in the World. However, compared to other countries like USA, Australia, there is scope to improve the safety in Indian coal mines.

Country / Company	Parameters	2010	2011	2012	2013	2014	2015	Total
CIL	Fatality	94	52	60	59	45	38	348
	Production in Mte.	431	436	452	462	494	525	2800
	Fatality Rate per MTe.	0.22	0.12	0.13	0.13	0.09	0.07	0.12
USA	Fatality	48	20	20	20	16	11	135
	Production in Mte.	932	1004	935	983	996	891	5741
	Fatality Rate per MTe.	0.05	0.02	0.02	0.02	0.02	0.01	0.02
China	Fatality	2433	1973	1384	1049	931	596	8366
	Production in Mte.	3162	3471	3549	3561	3800	3680	21223
	Fatality Rate per MTe.	0.77	0.57	0.39	0.29	0.25	0.16	0.39
Australia	Fatality	1	1	2	0	4	1	9
	Production in Mte.	353	414	421	459	496	518.4	2661.4
	Fatality Rate per MTe.	0.003	0.002	0.005	0.000	0.008	0.002	0.003

Information Sources:

1. Mine Safety & Health Administration, USA
2. State Administration of Work Safety (SAWS), China.
3. Mining Accident database, Australia.
4. World Coal Association.
5. US-Energy Information Administration
6. Reuters.
