

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 4357
TO BE ANSWERED ON 21.03.2018**

INSTALLATION OF BIO-TOILETS

4357. SHRI VINCENT H. PALA:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Government proposes to complete installation of bio-toilets in all the trains by December, 2018 and if so, the details thereof;**
- (b) the percentage of trains where bio-toilets have been installed as on date and the details of the same;**
- (c) whether the Government has taken serious note of the study conducted and submitted to them by IIT-Madras which has found that the bio-toilets are ineffective and ill maintained and if so, the details thereof and if not, the reasons therefor; and**
- (d) the other measures being taken by the Government to rectify the issues concerned with the bio-toilets?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

- (a) The earlier plan to install bio-toilets in the entire fleet of coaches by the year 2021-22 has been advanced to the year 2019. Further, Indian Railways has set in-house target to complete the work of installation of bio-toilets in all coaches by June 2019.**
- (b) As of now, approximately 60% of the total passenger carrying coaches over Indian Railways have been installed with bio-toilets. List**

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of some of the trains having coaches equipped with bio-toilets is appended.

(c) No such study on bio-toilets in coaches has been conducted and submitted to Indian Railways by IIT-Madras.

(d) Indian Railways are taking all the necessary steps to ensure proper and smooth functioning of bio-toilets in all the trains. For proper use of bio-toilets by esteemed passengers, vigorous awareness drive has been launched.

APPENDIX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 4357 BY SHRI VINCENT H. PALA TO BE ANSWERED IN LOK SABHA ON 21.03.2018 REGARDING INSTALLATION OF BIO-TOILETS:

(b): List of some of the trains having coaches equipped with bio-toilets:

Zonal Railways	Trains
Central	22135/36 Nagpur-Rewa Superfast Express, 22119/20 Mumbai CSTM-Karmali Tejas Express, 12131/32 Dadar-Sai Nagar Shirdi Express.
East Coast	18401/02 Puri-Okha Express, 18496/95 Bhubaneswar-Rameswaram Express, 12898/97 Bhubaneswar-Pondicherry Express.
East Central	55575/76 Darbhanga-Biraul Passenger, 13241/42 Banka-Rajendra Nagar Intercity Express, 12355/56 Rajendra Nagar-Jammu Tawi Archana Express.
Eastern	12343/44 Darjeeling Mail, 12377/78 Padatik Express, 12345/46 Saraighat Express.
North Central	22431/32 Allahabad-Udhampur Express, 12417/18 Prayagraj Express, 11107/08 Bundelkhand Express.

Zonal Railways	Trains
North Eastern	15045/46 Gorakhpur-Okha Express, 15119/20 Manduadih-Rameswaram Express, 12595/96 Gorakhpur-Anand Vihar Terminal Hamsafar Express.
Northeast Frontier	15635/36 Okha-Guwahati Express, 15647/48 Lokmanya Tilak (T)-Guwahati Express, 15717/18 Guwahati-Mariani Intercity Express.
Northern	14611/12 Shri Mata Vaishno Devi Katra-Ghazipur City Express, 14609/10 Hemkunt Express , 12471/72 Swaraj Express.
North Western	22497/98 Shri Ganganagar-Tiruchchirappalli Humsafar Express, 14889/90 Bhagat Ki Kothi-Munabao Thar Express, 14811/12 Delhi Sarai Rohilla-Sikar Express.
South Central	12757/58 Secunderabad-Sirpur Kaghaznagar Express, 17019/20 Hyderabad-Jaipur Express, 12721/22 Hyderabad-Nizamuddin Dakshin Express.
South East Central	18241/42 Durg-Ambikapur Express, 18247/48 Bilaspur-Rewa Express, 58219/20 Bilaspur-Chirmiri Express.

Zonal Railways	Trains
South Eastern	18007/08 Shalimar-Vanjapur Intercity Express, 22877/78 Howrah-Ernakulam Antyodaya Express, 22887/88 Howrah-Yesvantpur Humsafar Express.
Southern	12635/36 Chennai Egmore-Madurai Vaigai Express, 12605/06 Chennai Egmore-Karaikudi Pallavan Express, 22661/62 Chennai Egmore-Rameswaram Sethu Express.
South Western	16589/90 Rani Channamma Express, 12627/28 Karnataka Express, 16501/02 Ahmedabad-Yesvantpur Express.
West Central	12121/22 Madhya Pradesh Sampark Kranti Express, 11449/50 Jabalpur-Shri Mata Vaishno Devi Katra Express, 12193/94 Jabalpur-Yesvantpur Express.
Western	22969/70 Okha-Varanasi Express, 19573/74 Okha-Jaipur Express, 19565/66 Okha-Dehradun Uttaranchal Express.