

**GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
LOK SABHA
UNSTARRED QUESTION NO. : 846
(To be answered on the 2nd December 2021)**

CARBON FOOTPRINT

846. SHRI VISHNU DAYAL RAM

Will the Minister of CIVIL AVIATION

नागर विमानन मंत्री

be pleased to state:-

(a) whether the Government has taken any steps to reduce the carbon footprint as a result of civil aviation;

(b) if so, the details thereof; and

(b) the details of data on the carbon footprint as a result of civil aviation during the last three years and the current year?

ANSWER

Minister of State in the Ministry of CIVIL AVIATION

नागर विमानन मंत्रालय में राज्य मंत्री

(GEN. (DR) V. K. SINGH (RETD))

(a) and (b) Yes, Sir. The Government has taken several steps to reduce carbon footprint of the civil aviation sector.

Measures taken by airports to reduce carbon footprint include rationalization of operating times/procedures, use of renewable energy, use of alternative fuels in ground handling vehicles etc.

Measures taken by airlines to reduce carbon footprint include optimized airspace utilization, reduction of unwanted weight of aircraft, avoiding moisture/dirt accumulation in aircraft, proper speed and flap management etc.

(c) The details of CO2 emissions from Indian Aviation Sector from 2016 to 2019 may kindly be seen at Annexure.

Trend of CO₂ Emissions from Indian Aviation Sector

	CO ₂ Emissions in 000 tons (Provisional)			
	2016	2017	2018	2019
Indian scheduled passenger airlines to/from domestic destinations	9,462	11,219	12,307	11,843
Indian scheduled passenger airlines to/from international destinations	6,923	7,853	8,441	7,057

(As per information provided by DGCA)