

GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
Lok Sabha
UNSTARRED QUESTION NO. : 4699
(TO BE ANSWERED ON THE 31st March 2022)
CARBON EMISSION FROM FLIGHTS

4699. SHRIMATI SUNITA DUGGAL

Will the Minister of CIVIL AVIATION

be pleased to state:-

(a) the percentage of increase in CO2 emission from International flights under Indian Air Space; and

(b) the steps taken by the Government to curb down the increase of CO2 emission?

ANSWER

Minister of State in the Ministry of CIVIL AVIATION
(GEN. (DR) V. K. SINGH (RETD))

(a) The details of CO2 emission by Indian airlines to/from international destinations during the period 2012 - 2020 is placed at Annexure.;

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(b) Steps to address the issue of CO2 emission include the following;;

(i) 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.;

(ii) Measures taken by airlines to reduce carbon footprint include reduction of unwanted weight of aircraft, avoiding moisture/dirt accumulation on aircraft, proper speed and flap management etc.;

(iii) In addition to the above, Airports Authority of India in consultation with Indian Air Force has optimized airspace utilization

under Flexible Use of Airspace (FUA) resulting in reduction of CO2 emission.

ANNEXURE**Quantum of CO₂ Emissions from Indian Aviation Sector**

	CO₂ Emissions in 000 tons (Provisional)								
	2012	2013	2014	2015	2016	2017	2018	2019	2020
Indian scheduled passenger airlines to/from international destinations	5,425	5,585	5,796	6,434	6,923	7,853	8,441	7,057	3,194
Percentge (Increase or decrease in emissions)	-	3%	4%	11%	8%	13%	7%	-16%	-55%