

21. CIVIL AVIATION

The section presents table relating to revenue traffic carried by scheduled operators, viz. Air India, Indian Air Alliance Air and various private scheduled Airlines. Indian Airlines operates on domestic routes as well as on international routes to adjacent countries. Air India operates on International routes and also on some domestic sectors in India. Among private Scheduled Airlines, Jet Airways and Air Sahara also operate on International Sector and domestic sectors in India. The data for Domestic and International services has been shown separately. For international comparability of data, the standards laid down by International Civil Aviation Organisation (ICAO) have been adopted.

Table 21.1

Table presents statistics relating to passengers and cargo traffic carried by scheduled carriers on scheduled services on domestic sectors (Indian Airlines, Air India, Alliance Air and various Private Scheduled Airlines) and International services (Air India, Indian Airlines, Jet Airways and Sahara Airlines) separately.

Table 21.2

This table presents total traffic of Air India on non-scheduled operations. Various technical terms used in tables are defined below:

Aircraft Hours Flown- These figures represent the total number of hours flown by aeroplanes carrying the scheduled revenue traffic.

Aircraft Kilometres Flown- These figures represent the total kilometres flown by aeroplanes carrying the scheduled revenue traffic.

Tonne Kilometres Available- The figures are obtained by multiplying the total tonnage offered to the public for air transportation of passengers, freight and mail by the kilometres flown.

Passenger, Freight and Mail Carried- The number of passengers carried represents the total number of revenue passengers carried on different air-routes treating passengers travelling by planes for two or more routes as having performed two or more journeys.

Passenger Kilometres Performed- A passenger kilometer is performed when a passenger is flown by a distance of one kilometer. Calculation of passenger kilometers performed equals the sum of the products obtained by multiplying the number of revenue passengers carried on each flight stage by the distance.

Tonne Kilometres Performed- Represents aggregates based on the product of the tonnage of freight or mail as the case may be, and the distance through which the load was carried. The figures relating to total load tonne kilometres take into account all kinds of traffic including passengers. As per ICAO guidelines the weight of a passenger is taken to be 90 KGs

Passenger Load Factor- Represents the percentage of passenger kilometres performed to the seat kilometres available.

Weight Load Factor- Represents the percentage of tonne-kilometres performed (passenger, freight and mail) to the tonne kilometres available.

CIVIL AVIATION

Table 21.1- INDIAN SCHEDULED OPERATIONS

Item/Year	Unit	1990-91	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
1	2	3	4	5	6	7	8	9
I. Domestic Services (1)								
1. Hours flown	'000 hr.	124	231	250	267	295	344	399
2. Aircraft kilometres flown	lakh km.	587	1286	1369	1471	1658	1893	2136
3. Passengers carried	'000 no.	7912	12711	13712	12854	13951	15677	19445
4. Passenger kilometres performed	Million Nos.	7028	11419	12283	11572	12848	14566	18030
5. Passenger load factor	Percentage	79.4	59.8	61.7	55.5	56.3	58.4	64.9
6. Cargo carried	'000 tonne	97	159	167	161	179	198	245
(i) Freight	'000 tonne	82	138	144	138	156	177	218
(ii) Mail	'000 tonne	15	21	23	23	23	21	27
7. Tonne kilometres performed	Million Nos.	684	1141	1223	1155	1273	1467	1816
(i) Passenger	Million Nos.	580	977	1052	989	1086	1257	1558
(ii) Freight	Million Nos.	88	142	152	143	164	191	229
(iii) Mail	Million Nos.	16	22	19	23	23	19	29
8. Weight load factor	Percentage	75.8	55.9	57.5	52.2	53.5	57.5	63.9
II. International Services								
1. Hours flown	'000 hr.	73	95	98	111	129	146	175
2. Aircraft kilometres flown	lakh km.	511	645	660	745	845	977	1195
3. Passengers carried	'000 no.	2430	3657	3828	3698	4201	4493	5326
4. Passenger kilometres performed	Million Nos.	8820	13186	13928	13408	15819	18108	22272
5. Passenger load factor	Percentage	66.5	73.4	76.0	69.4	73.9	72.5	71.6
6. Cargo carried	'000 tonne	101	100	102	98	104	98	112
(i) Freight	'000 tonne	99	99	100	96	102	96	110
(ii) Mail	'000 tonne	2	1	2	2	2	2	2
7. Tonne kilometres performed	Million Nos.	1375	1628	1709	1631	1884	2092	2579
(i) Passenger	Million Nos.	811	1226	1294	1248	1473	1680	2058
(ii) Freight	Million Nos.	553	390	404	371	401	399	509
(iii) Mail	Million Nos.	11	12	11	12	10	13	12
8. Weight load factor	Percentage	62.4	70.4	72.9	66.4	70.4	66.3	65.8

Source : Directorate General of Civil Aviation
Ministry of Civil Aviation

(1) Data for the year 1999-00 and onwards excludes Vayudoot.

CIVIL AVIATION

Table 21.2 - TOTAL TRAFFIC AND OPERATING STATISTICS OF AIR INDIA
ON NON-SCHEDULED REVENUE SERVICES

Year	Hours flown	Kilo- metres flown ('000)	Passengers carried (no.)	Passenger kms performed (ooo)	Freight carried (tonne)	Tonne kms performed('ooo)				Available Tonne-Kms ('000)	Weight Load factor (%)
						Passenger	Freight	Mail	Total		
1	2	3	4	5	6	7	8	9	10	11	12
1990-91	870	578	27909	69068	194	6038	585	-	6623	29217	22.7
1995-96	563	356	6402	24846	65	1176	1419	-	2595	16759	15.5
1996-97	1603	1062	48361	188018	253	17108	930	-	18038	50626	35.6
1997-98	3852	2827	128411	510596	-	46464	-	-	46464	145057	32.0
1998-99	3821	4443	125647	758024	-	68980	-	-	68980	213196	32.4
1999-00	4534	3365	160102	646539	143	58834	122	-	58956	177908	33.1
2000-01	5751	4219	156372	637354	2	58000	2	-	58002	190131	30.5
2001-02	3157	2251	80546	351261	125	31964	142	-	32106	94412	34.0
2002-03	2621	1844	61994	288249	91	26230	107	-	26337	79718	33.0
2003-04	2980	2130	63532	299665	41	27270	53	-	27323	86582	31.6
2004-05	2614	1600	52228	239335	-	21782	-	-	21782	59084	36.9

Source: Directorate General of Civil Aviation.

Ministry of Civil Aviation

TABLE NUMBER 21.1
INDIAN CIVIL AVIATION SCHEDULED OPERATIONS

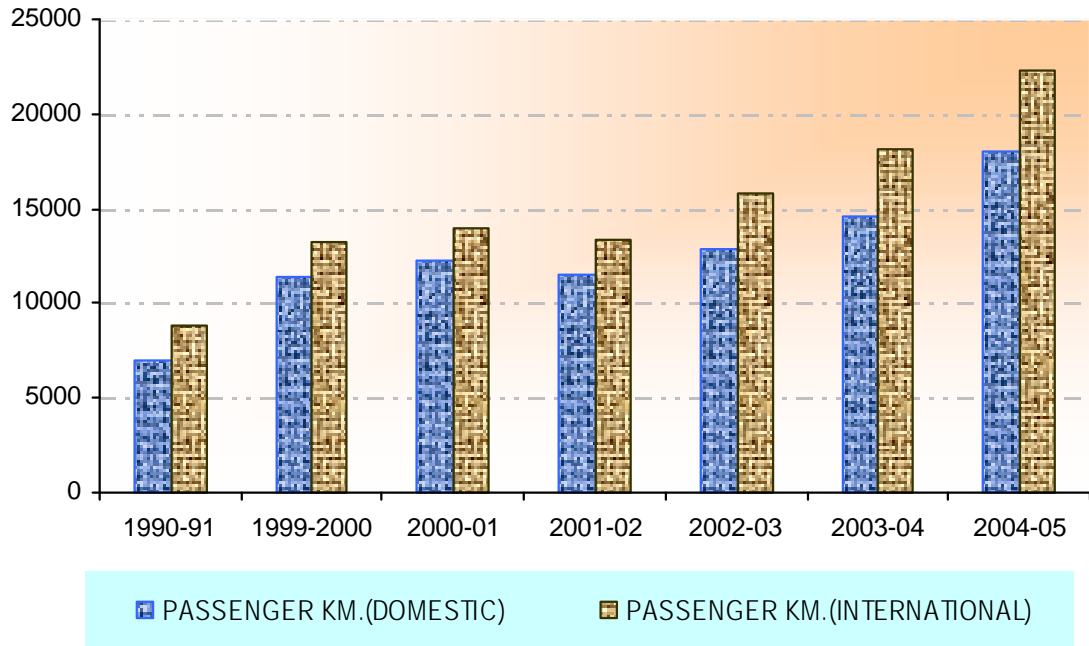


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