General Authority of Civil Aviation

To Proceed

Strategy Focused Organization

www.gaca.gov.sa

Statistical Yearbook

2008

From 22 Dhul Hijjah 1428 to Moharram 1430

To Integrate

To be Distinguished

Index

Aviation Fact & Figures

VISION:

Developing constantly the secured airspace according to the highest standards of safety and extending the excellent services to customers at our airports.

MISSION:

Development of Air Transport through; Construction and Management; Provision & Operation of Vital Systems and Infrastructure for Airports and Air Navigation with Essential Maintenance of the highest standards and modern systems; Application of Rules, Regulations and Procedures to ensure the Safety and Security of Air Transport.

OBJECTIVES:

- Develop the Financial Resources for GACA and accomplish the Financial Autonomy by following the Commercial Fundamentals.

- Encourage Investment Opportunities in Air Transport Sector.

- Provide the Excellent Services to Pilgrims and Passengers as per Contemporary Global Standards.

- Construction, Management and Upgrading of Basic Infrastructure for Air Transport Sector according to latest & modern systems.

- Introduce and Develop Procedures to ensure the Safety and Security of Air Transport.

- Establish criteria for Operation and Maintenance for Air Transport according to the Global Standards.

- Achieve the ideal performance of Human Resources and Employees Contentment in Excellent Work Environment.

The Emergence of GACA

The beginning of civil aviation in the Kingdom goes back to the year 1364 AH, when the kingdom gained its first civil aircraft in the reign of King Abdulaziz. The first civil aviation system in Saudi Arabia was established in 1372 AH. The Department of Civil Aviation separated from the Saudi Royal Air Force which was comprised of the Saudi Arabian Airlines and Meteorology. The Saudi Arabian Airlines was separated from the Civil Aviation in 1379 AH and in 1386 meteorological has followed to become independent and have its own budget. In 1397 AH, The Department of Civil Aviation name was modified to become the Presidency of Civil Aviation, and in 1425AH the Council of Ministers issued a ruling to transform the Presidency of Civil Aviation to a public entity with a legal personality, and financial independence in accordance with the principles and commercial criteria, since then, the presidency has earned its new name, the «General Authority for Civil Aviation,» which aims for the liberalization and development of aviation in the Kingdom. The transformation will give it the necessary flexibility and achieve quantum leaps in all areas of civil aviation industry from the transportation of passengers and air cargo, to the building and development of airports and air navigation systems in the Kingdom.

Introduction

Accurate Figures and Statistics ... Effective Strategic Decisions ...

Parameters of air traffic at the Kingdoms Airports in 2008:

The most significant features of air traffic at the airports of the Kingdom in 2008 are as follows:

• The number of passengers at Saudi Airbia airports reached more than 42 million passengers, an increase of 2% than 2007.

• The total air operations in the airports of the Kingdom has increased by 3% compared to 2007 to reach 407,987 operations. The interatnational Airports has an average increase of 7% in the number of air operations which was due to:

✓ The transformation of Prince Mohammed bin Abdulaziz to an international Airport.

✓ The Introduction of new foreign carriers to the Kingdom>s airports.

✓ The increase of Pilgrims and visitors to the Holy Mosques.

On the other hand, the number of air operations has declined by 14% for the Domestic Airports, which was due to:

✓ Sama and NAS taking over the operations of some of the domestic airports and reducing the flights of Saudia there.

• The volume of cargo and Mail has reached 552,811 tons, Increased by 6% than 2007.

Airport Codes & Cities in Kingdom of Saudi Arabia

Airport Name	CODE
JEDDAH, King Abdulaziz International	JED
RIYADH, King Khaled International	RUH
DAMMAM, King Fahd International	DMM
MADINAH, Prince Mohammed Bin Abdulaziz	MED
ABHA	AHB
GAZAN, King Abdullah Bin Abdulaziz	GIZ
AL-GASSIM	ELQ
HAIL	HAS
TABUK	TUU
TAIF	TIF
AL-AHSA	HOF
AL-BAHA	ABT
AL-JOUF	AJF
AL-QAISUMAH	AQI
ARAR	RAE
BISHA	BHH
DAWADMI, Prince Salman Bin Abdulaziz	DWD
GURAYAT	URY
HAFR AL-BATIN, King Khaled Military City	KMC
NEJRAN	EAM
RAFHA	RAH
SHARURAH	SHW
TURAIF	TUI
WADI AL-DWASER	WAE
WEDJH	EJH
YANBU, Prince Abdulmohsin Bin Abdulaziz	YNB

Kingdom-wide Airport Traffic
Arrival & Departure for 2008 & 2007

Airports	Flights		Passengers (thousands)		Cargo (tons)	
	2007	2008	2007	2008	2007	2008
International Airports	313 ,961	335 ,420	35 ,237	36 ,670	502 ,923	537 ,720
Domestic Airports	83 ,971	72 ,567	6,353	5,642	17 ,879	15 ,091
Totals	397 ,932	407 ,987	41 ,590	42 ,312	520 ,802	552 ,811

Cargo (1000 tons)

2007	503	18
2008	538	15

470 490 510 530 550

Passengers (in Million)

2007	35	6
2008	37	6

0 10 20 30 40 50

Flights (in thousands)

2007	314	84
2008	335	73

0 100 200 300 400 500

■ International Airports

▢ Domestic Airports

Growth 2007-2008

Cargo (1000 tons)

2007	520.80
2008	552.81

500 520 540 560

Cargo

Passengers (in Million)

2007	41.59
2008	42.29

41 42 43

Passengers

Flights (in thousands)

2007	397.93
2008	407.99

390 400 410

Operation

6%

Cargo tonnage increased
in 2008 by 6% over 2007.

2%

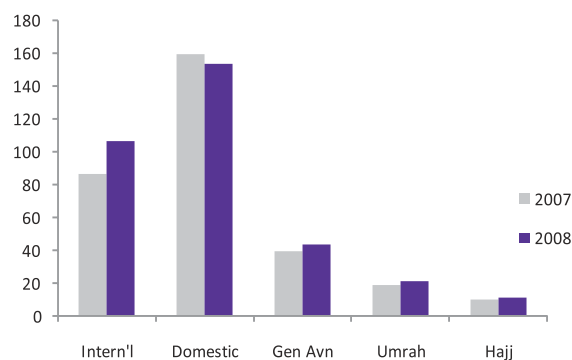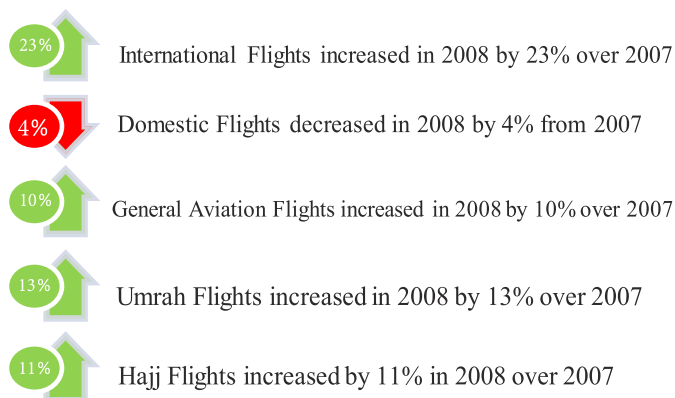Passengers increased by 2% in
2008 over 2007

3%

Number of Flights increased
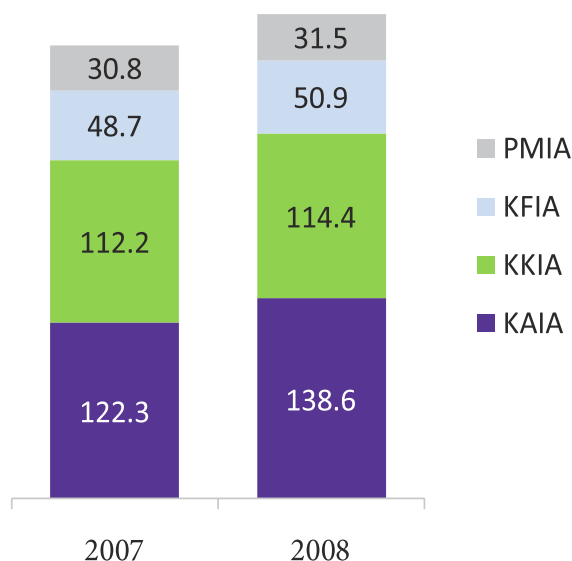by 3% in 2008 over 2007

Number of Flights at Kingdom's International Airports for 2008 & 2007

International Airports	FLIGHTS											
	International		Domestic		General Aviation		Umrah		Hajj		Totals	
	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008
King Abdulaziz International	33,467	43,673	52,094	53,127	14,537	15,999	15,721	18,063	6,447	7,737	122,266	138,599
King Khaled International	29,943	37,361	66,711	59,911	15,556	17,157	0	0	0	0	112,210	114,429
King Fahd International	16,046	19,647	23,219	21,165	9,388	10,114	0	0	0	0	48,653	50,926
Prince Muhammad Bin Abdulaziz	7,042	5,791	17,175	19,040	0	0	3,123	3,301	3,492	3,334	30,832	31,466
Totals	86,498	106,472	159,199	153,243	39,481	43,270	18,844	21,364	9,939	11,071	313,961	335,420

23% International Flights increased in 2008 by 23% over 2007

4% Domestic Flights decreased in 2008 by 4% from 2007

10% General Aviation Flights increased in 2008 by 10% over 2007

13% Umrah Flights increased in 2008 by 13% over 2007

11% Hajj Flights increased by 11% in 2008 over 2007

Number of Flights at International Airports (in1000)

13% Flights increased at King Abdulaziz International by 13% over 2007

2% Flight increased at King Khaled International by 2% over 2007

5% Flights increased at King Fahd International by 5% over 2007

2% Flights increased at Prince Muhammad Bin Abdulaziz International by 2%

Number of Flights at International Airports (in1000)

Passengers Movement (Arrival & Departure) at Kingdom's International Airports

International Airports	Passengers (in thousands)													
	International		Domestic		General Aviation		Transit		Umrah		Hajj		Totals	
	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008
King Abdulaziz International	5,782	6,303	6,192	6,172	128	133	76	73	2,382	2,817	1,825	2,218	16,309	17,644
King Khaled International	4,645	5,148	7,064	6,317	74	75	425	596	0	0	0	0	11,783	11,540
King Fahd International	1,593	1,810	2,248	2,073	251	281	318	453	0	0	0	0	4,092	4,165
Prince Muhammad Bin Abdulaziz	349	399	1,293	1,325	0	0	40	126	648	723	763	874	3,053	3,321
Totals	12,369	13,661	16,797	15,888	453	488	859	1,249	3,030	3,540	2,588	3,092	35,237	36,670

10% International Passengers increased by 10% over 2007

5% Domestic Passengers decreased by 5% from 2007

8% General Aviation Passengers increased by 8% .

45% Transit Passengers increased by 45% over 2007

17% Umrah Passengers increased by 17% over 2007

19% Hajj Pilgrims increased by 19% over 2007

Passengers at International Airports (in Million)

8% Passengers at King Abdulaziz International increase by 8% over 2007

2% Passengers at King Khaled International decreased by 2% from 2007

2% Passengers at King Fahd International increased by 2% over 2007

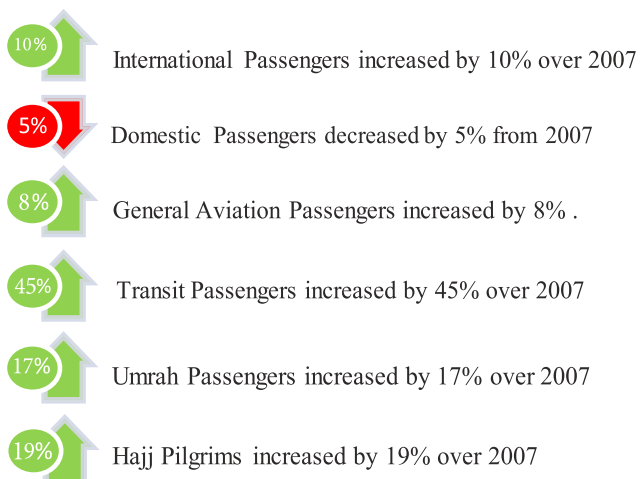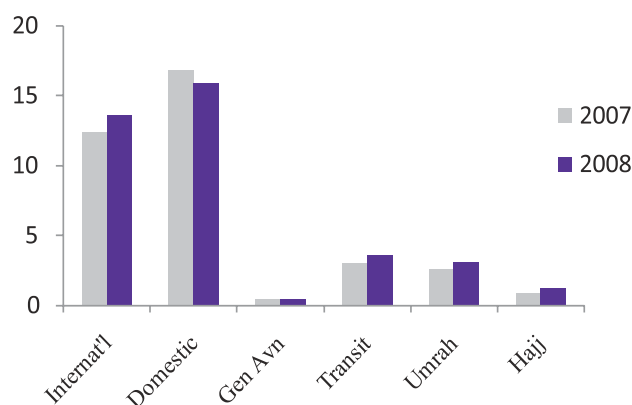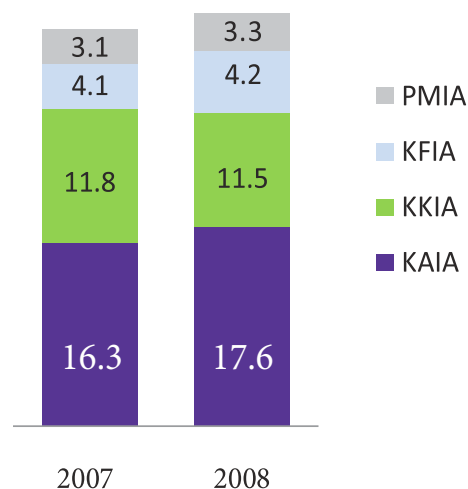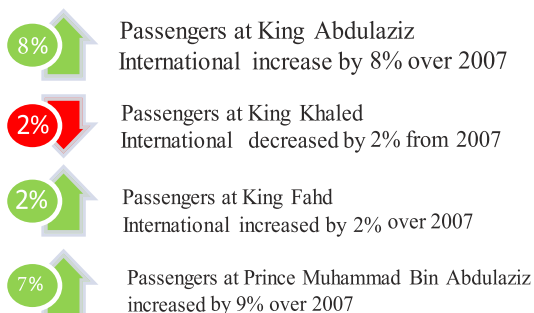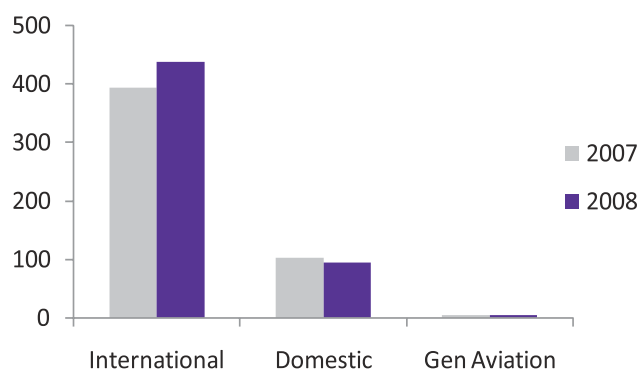**7%** Passengers at Prince Muhammad Bin Abdulaziz increased by 9% over 2007

Passengers at International Airports (in Million)

Number of Flights at Kingdom's International Airports for 2008 & 2007

International Airports	Cargo in tons							
	International		Domestic		Gen. Aviation		Totals	
	2007	2008	2007	2008	2007	2008	2007	2008
King Abdulaziz International	162,879	167,408	46,240	44,338	633	328	209,752	212,074
King Khaled International	174,120	182,978	42,631	37,180	3,771	3,456	220,522	223,615
King Fahd International	55,769	85,864	10,852	10,957	806	775	67,427	97,596
Prince Muhammad Bin Abdulaziz	1,697	1,504	3,525	2,932	0	0	5,222	4,436
Totals	394,465	437,754	103,248	95,407	5,210	4,559	502,923	537,720

Cargo at International Airports (in1000 tons)

11% International Cargo increased by 11% in 2008 over 2007

8% Domestic Cargo decreased by 8% in 2008 from 2007

12% General Aviation Cargo decreased by 12% in 2008 over 2007

Cargo at International Airports (in1000 tons)

1% Cargo at KAIA increased by 1% in 2008 over 2007

1% Cargo at KKIA increased by 1% in 2008 over 2007

45% Cargo at KFIA increased by 45% in 2008 over 2007

15% Cargo at PMIA decreased by 15% in 2008 from 2007
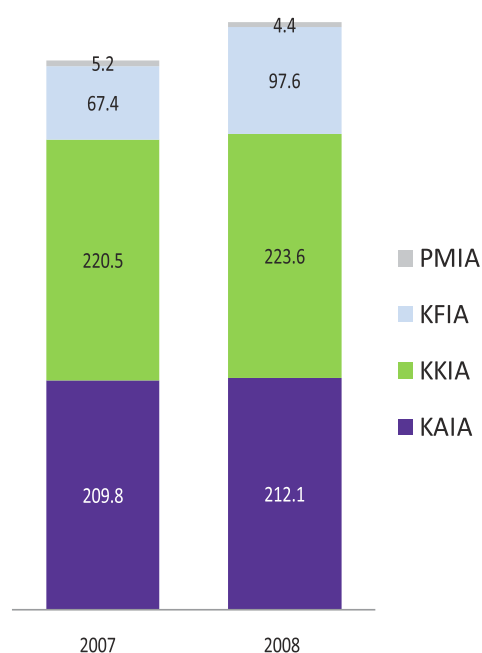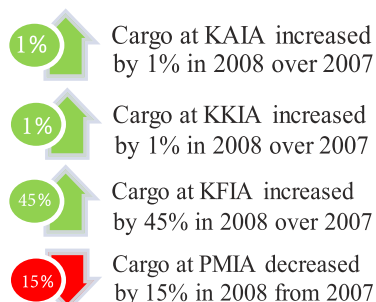
Traffic Statistics for Domestic Airports Arrival & Departure 2008 & 2007

| Domestic Airports		Flights			Passengers (thousands)			Cargo (tons)		
		2007	2008	Change	2007	2008	Change	2007	2008	Change
1	Abha	13,053	13,901	6%	1,525	1,423	-7%	4,327	3,327.1	-23%
2	Tabuk	7,984	7,755	-3%	648	630	-3%	3,340	3,105.9	-7%
3	Taif	6,039	4,501	-25%	420	332	-21%	919	880.8	-4%
4	Al-Gassim	6,254	3,842	-39%	387	280	-28%	1,415	933.7	-34%
5	Hail	6,807	4,717	-31%	415	276	-33%	1,329	550.6	-59%
6	Gazan, King Abdullah	8,857	7,279	-18%	879	760	-14%	2,928	3,098.9	6%
7	Al-Baha	2,815	2,529	-10%	244	237	-3%	131	96.8	-26%
8	Wadi Dawaser	1,074	984	-8%	78	61	-22%	38	26.9	-29%
9	Sharurah	1,718	1,707	-1%	79	81	3%	136	107.5	-21%
10	Turaif	1,043	1,001	-4%	32	35	9%	29	21.4	-26%
11	Bisha	2,606	2,350	-10%	243	232	-4%	325	236.3	-27%
12	Ar'ar	2,930	2,270	-23%	158	136	-14%	363	467.7	29%
13	Wedjh	1,269	956	-25%	43	40	-5%	61	29.7	-51%
14	Rafha	1,263	935	-26%	35	20	-41%	27	21.6	-20%
15	Nejran	8,129	7,820	-4%	404	426	5%	712	708.2	-1%
16	Al-Qaisuma	2,137	1,108	-48%	119	62	-48%	192	106.7	-44%
17	Al-Jouf	3,937	3,371	-14%	265	244	-8%	871	690.5	-21%
18	Al-Ahsa	383	250	-35%	22	19	-17%	94	31.2	-67%
19	Al-Gurayat	2,351	1,911	-19%	170	150	-12%	440	426.8	-3%
20	Yanbu, Prince Abdulmohsin	2,692	2,926	9%	164	178	8%	195	214.0	10%
21	Hafr Albatin (KKMC)	218	230	6%	8	10	38%	2	4.1	105%
22	Dawadami, Prince Salman	412	224	-46%	15	9	-38%	5	4.6	-8%
	TOTALS	83,971	72,567	-14%	6,353	5,642	-11%	17,879.0	15,091.0	-16%

FLIGHTS
(in1000)

PASSENGERS
(in Million)
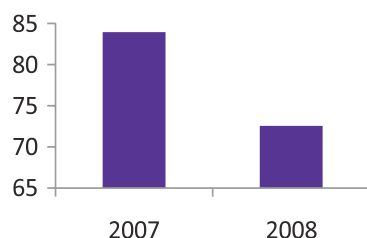
Cargo
(in1000 tons)

14% Flights decreased by 14% from 2007
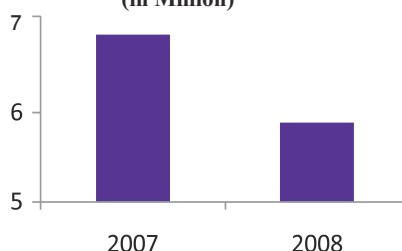
11% Passengers decreased by 11% from 2007
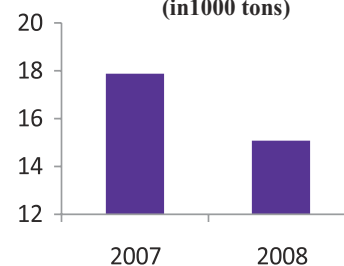
16% Cargo decreased by 16% from 2007

AVIATION FACTS & FIGURES

Main Orders and Deliveries of Commercial Aircrafts in 2008

Aircraft Manufacturers	Orders	Delivery
Airbus	777	483
Boeing	662	375
ATR	29	55
Bombardier	114	110
Embraer	N.A.	162

Source: ENAC (Civil Aviation University, Paris), Air Transport Data

Main Orders & Deliveries of Commercial Aircrafts in 2008
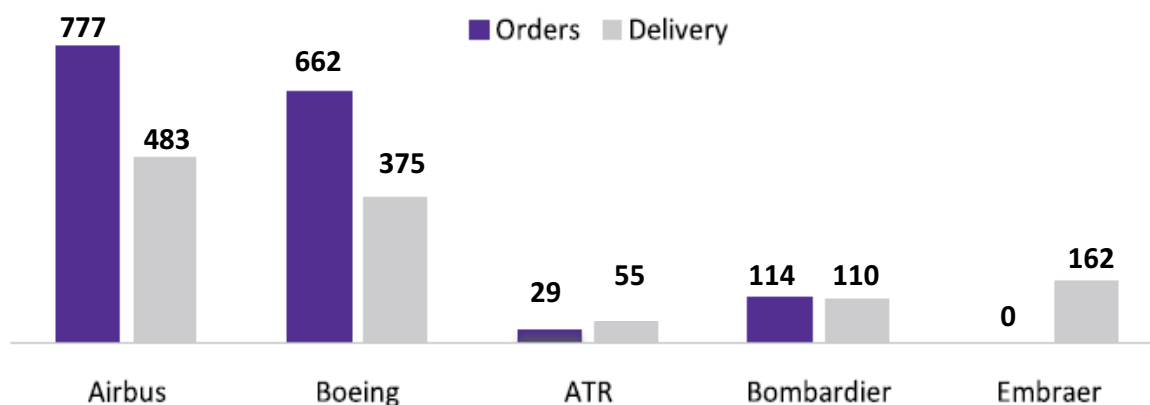
AVIATION FACTS & FIGURES

Saudi Arabian Airlines Fleet Present & Future - 2008

Aircrafts	Current	Future
Boeing 747- 400	4	-
Boeing 747- 300	9	-
Boeing 747- 100	3	-
Boeing 747-SP	1	-
Boeing 747200-F (Cargo)	1	-
Boeing 777- 200	23	-
Boeing 787	-	12
Airbus A330	-	8
Airbus A320	-	50
McDonnel Douglas MD-11(Freighter)	4	-
McDonnel Douglas MD - 90	29	-
Embraer 170	15	-
TOTAL	**89**	**70**

Source: Saudi Arabian Airlines (www.saudiairlines.com.sa)

AVIATION FACTS & FIGURES

World Airport Ranking by Total Passengers Traffic - 2008

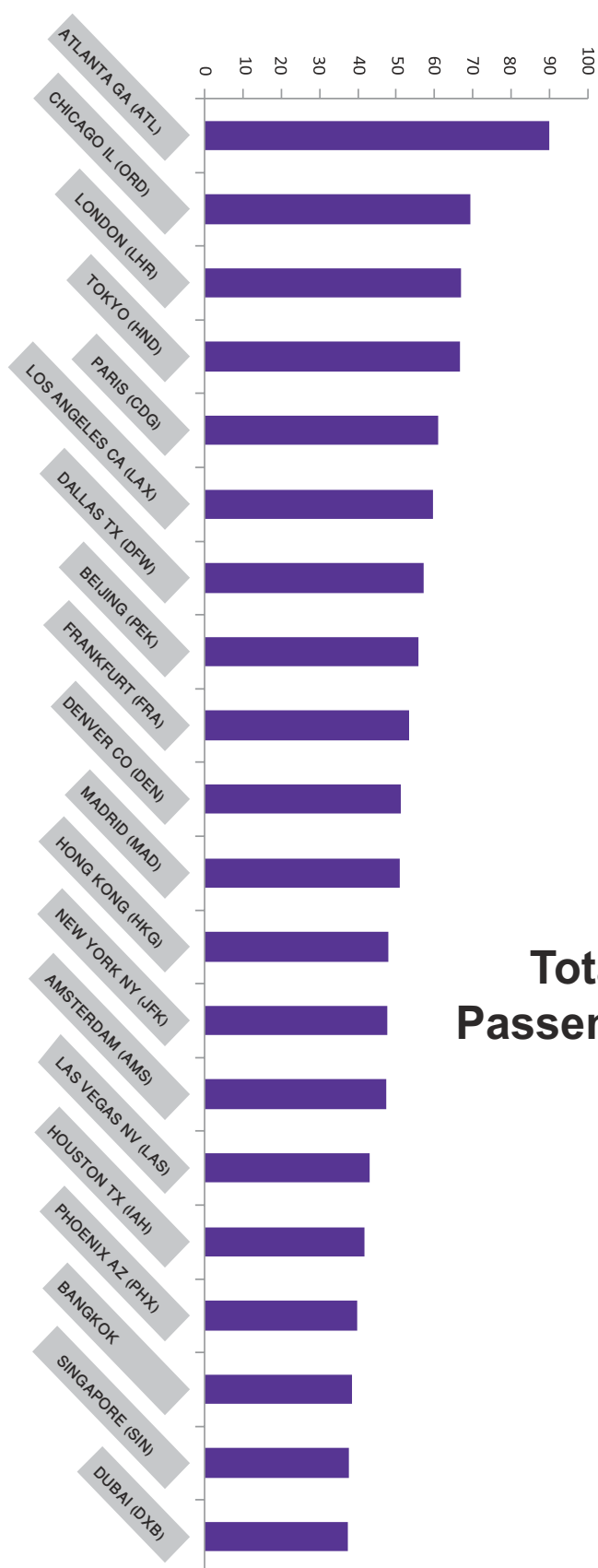| Rank	(City (Airport	Total Passengers	% Change
1	Atlanta GA (ATL)	90,039,280	0.7
2	Chicago IL (ORD)	69,353,876	-9
3	London (LHR)	67,056,379	-1.5
4	Tokyo (HND)	66,754,829	-0.2
5	Paris (CDG)	60,874,681	1.6
6	Los Angeles CA (LAX)	59,497,539	-4.7
7	Dallas/Fort worth TX (DFW)	57,093,187	-4.5
8	Beijing (PEK)	55,937,289	4.4
9	Frankfurt (FRA)	51,245,334	-1.3
10	Denver CO (DEN)	51,245,334	2.8
11	Madrid (MAD)	50,824,435	-2.4
12	Hong Kong (HKG)	47,857,746	1.7
13	New York NY (JFK)	47,807,816	0.2
14	Amsterdam (AMS)	47,430,019	-0.8
15	Las Vegas NV (LAS)	43,208,724	-8
16	Houston TX (IAH)	41,709,389	-3
17	Phoenix AZ (PHX)	39,891,193	-5.4
18	Bangkok (BKK)	38,603,490	-6.3
19	Singapore (SIN)	37,694,824	2.7
20	Dubai (DXB)	37 441 440	9

Source: ACI, Worldwide Airport Traffic Statistics

AVIATION FACTS & FIGURES

World Airport Ranking
by Total Passengers
Traffic – 2008

Total Passengers

ATLANTA GA (ATL)
CHICAGO IL (ORD)
LONDON (LHR)
TOKYO (HND)
PARIS (CDG)
LOS ANGELES CA (LAX)
DALLAS TX (DFW)
BEIJING (PEK)
FRANKFURT (FRA)
DENVER CO (DEN)
MADRID (MAD)
HONG KONG (HKG)
NEW YORK NY (JFK)
AMSTERDAM (AMS)
LAS VEGAS NV (LAS)
HOUSTON TX (IAH)
PHOENIX AZ (PHX)
BANGKOK
SINGAPORE (SIN)
DUBAI (DXB)
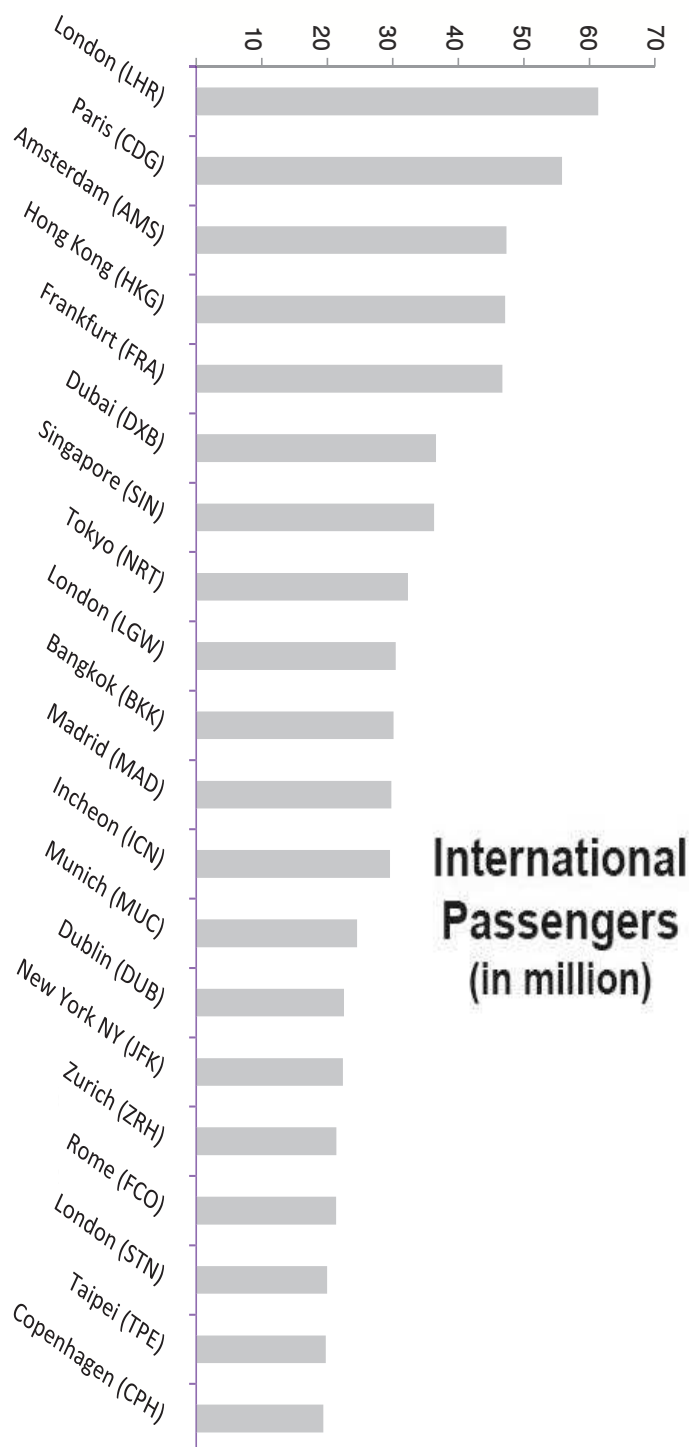
0 10 20 30 40 50 60 70 80 90 100

AVIATION FACTS & FIGURES

World Airport Ranking by International Passengers Traffic - 2008

Rank	City (Airport)	International Passengers	change %
1	London (LHR)	61,345,549	-1.2
2	Paris (CDG)	55,825,413	1.7
3	Amsterdam (AMS)	47,349,392	-0.7
4	Hong Kong (HKG)	47,140,600	1.8
5	Frankfurt (FRA)	46,707,577	-0.8
6	Dubai (DXB)	36,592,307	9.3
7	Singapore (SIN)	36,288,050	3.0
8	Tokyo (NRT)	32,323,947	-5.6
9	London (LGW)	30,433,937	-2.3
10	Bangkok (BKK)	30,103,661	-4.8
11	Madrid (MAD)	29,788,120	2.8
12	Incheon (ICN)	29,563,380	-3.9
13	Munich (MUC)	24,544,015	2.6
14	Dublin (DUB)	22,557,426	1.0
15	New York NY (JFK)	22,401,135	4.0
16	Zurich (ZRH)	21,406,276	6.8
17	Rome (FCO)	21,355,514	12.3
18	London (STN)	19,991,414	-5.7
19	Taipei (TPE)	19,753,590	-5.3
20	Copenhagen (CPH)	19,412,888	0.4

Source: ACI, Worldwide Airport Traffic Statistics

AVIATION FACTS & FIGURES

World Airport Ranking by International Passengers Traffic – 2008

International Passengers (in million)

Airport	
London (LHR)	
Paris (CDG)	
Amsterdam (AMS)	
Hong Kong (HKG)	
Frankfurt (FRA)	
Dubai (DXB)	
Singapore (SIN)	
Tokyo (NRT)	
London (LGW)	
Bangkok (BKK)	
Madrid (MAD)	
Incheon (ICN)	
Munich (MUC)	
Dublin (DUB)	
New York NY (JFK)	
Zurich (ZRH)	
Rome (FCO)	
London (STN)	
Taipei (TPE)	
Copenhagen (CPH)	

Domestic Airports Shares of Passengers Traffic

| Airport	Share
ABHA	25.2%
GAZAN	13.5%
TABUK	11.2%
NEJRAN	7.5%
TAIF	5.9%
AL-GASSIM	5.0%
HAIL	4.9%
AL-JOUF	4.3%
AL-BAHA	4.2%
BISHA	4.1%
YANBU	3.1%
GURAYAT	2.7%
ARAR	2.4%
SHARURAH	1.4%
AL-QAISUMAH	1.1%
WADI AL-DWASER	1.1%
WEDJH	0.7%
TURAIF	0.6%
RAFHA	0.4%
AL-AHSA	0.3%
HAFR AL-BATIN	0.2%
DAWADMI	0.2%
TOTAL	100.0%
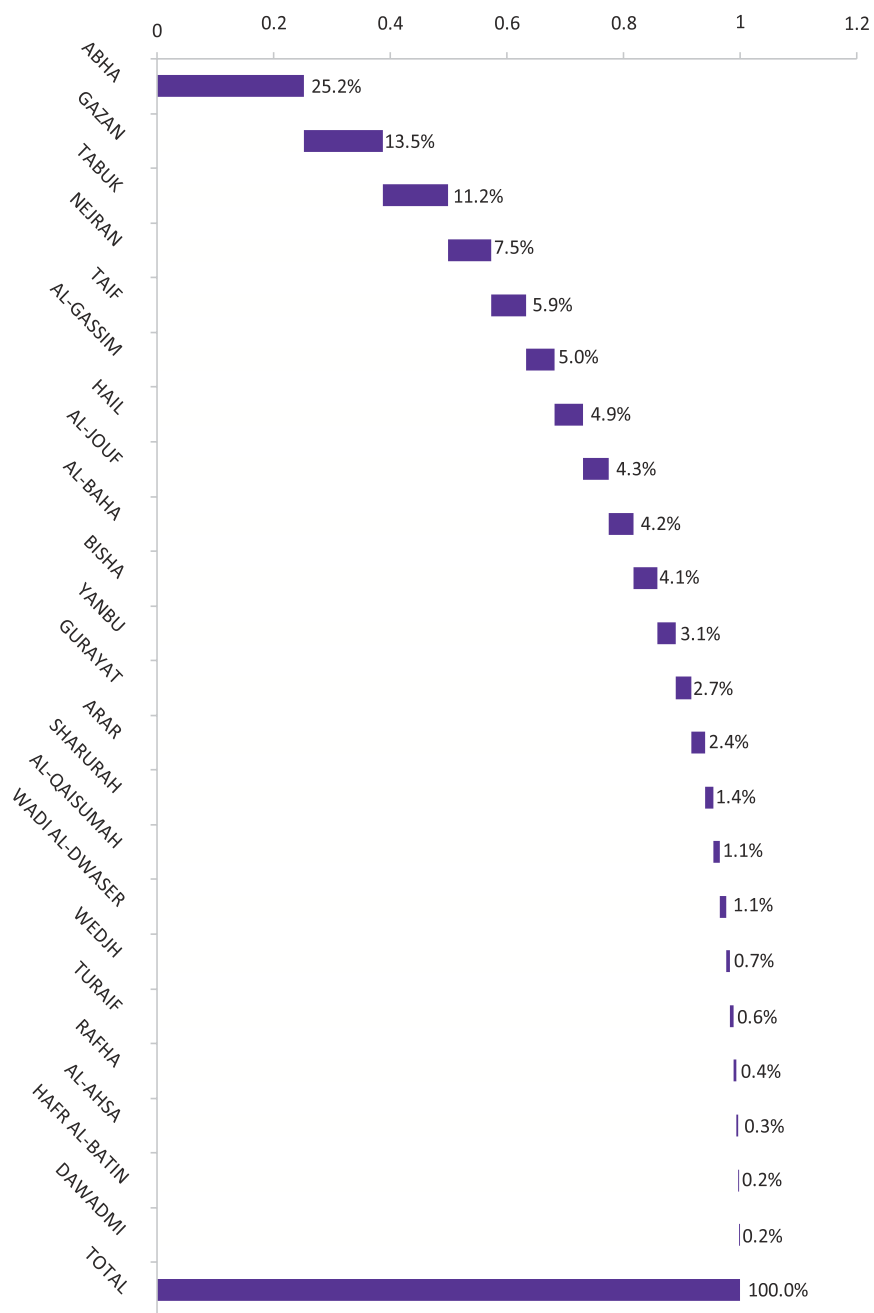
International Airports Share of Passengers Traffic

International Passengers Market Share for National & Foreign Carriers
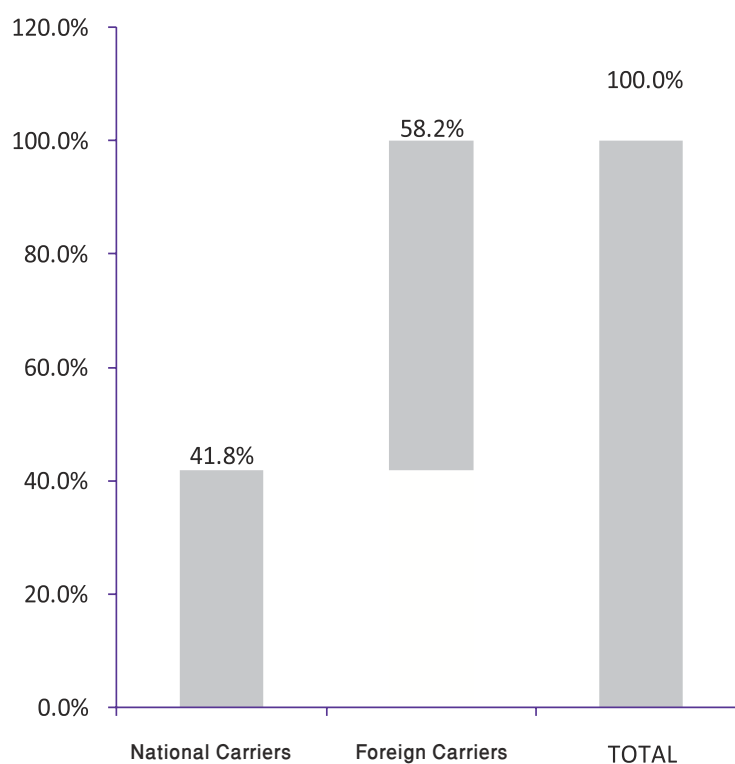
Market Share of International Passengers in Middle East Region Including Egypt in **2008**

Market Share

Pie chart:
- 45 % (Other Airports)
- 24% (Dubai)
- 14% (Egypt)
- 17% (Saudi Arabia)

Stacked bar chart (2008):
- 14,024 — Egypt
- 23,066 — Dubai
- 17,178 — Saudi Arabia
- 43,680 — Other Airports

Legend:
- Egypt
- Dubai
- Saudi Arabia
- **Other Airports**

2008