# Traffic Review 2012





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# Foreword

The 2012 Traffic Review provides an extensive overview of Amsterdam Airport Schiphol's key traffic and transport figures. For more information about previous years, please visit our website www.schipholgroup.com

The data and figures in this publication are based on current knowledge of the Amsterdam/European aviation market over 2012 and might be subject to changes in the near future. Therefore the shared data and figures are for limited use within the scope of this review. This cannot be relied upon for recipient's business models and/or calculations. The shared data and figures may be published only if reference is made to Amsterdam Airport Schiphol, while quoting: "These data and figures have been published by Amsterdam Airport Schiphol in Traffic Review 2012".

February 2013





In 2012 a milestone was reached, the number of passengers travelling from/to and via Amsterdam Airport Schiphol totalled 51 million; + 2.6% more than the year before. The number of air transport movements increased by + 0.8% to 423,407 and cargo traffic dropped by - 2.6% to just under 1.5 million tonnes.

# Traffic and transport summary

	2012	Compared to 2011 in %
Air transport movements (excl. general aviation)	423,407	+ 0.8%
- scheduled services	393,211	+ 0.9%
- non-scheduled services	30,196	- 1.6%
- passenger services	407,864	+ 0.9%
- full-freighter services	15,543	- 2.4%
General aviation	14,497	- 13.9%
Total air transport movements (incl. general aviation)	437,904	+ 0.2%

Passenger transport (incl. transit-direct 1x)	51,035,590	+ 2.6%
- scheduled services	47,196,523	+ 2.7%
- non-scheduled services	3,839,067	+ 1.1%
- domestic	38	- 90.9%
- europe	34,665,528	+ 2.4%
- intercontinental	16,370,024	+ 2.9%
Transit-direct passengers	59,998	- 19.6%
Passenger transport (excl. transit-direct)	50,975,592	+ 2.6%

Traffic Review 2012	0	-0	Summary
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Cargo transport (tonnes)	1,483,448	-	2.6%
- inbound	751,578	-	3.4%
- outbound	731,870	_	1.9%
- passengers services	608,758	-	5.1%
- full-freighter services	874,690	_	0.9%
Mail transport (tonnes)	28,375	+	9.6%

### Air transport movements annual totals



### Passenger transport annual totals

Click on the circles for more information x 1,000,000



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# Cargo transport annual totals



# Traffic and transport summary per continent

	Air transport movements	Compared to 2011 in %	Passengers (incl. Transit-direct)	Compared to 2011 in %	Cargo (tonnes)	Compared to 2011 in %
E.U.*)	281,107	- 0.4%	28,102,062	1.1%	32,305	- 3.7%
Rest of Europe	59,048	9.5%	6,563,504	8.7%	106,191	69.9%
Total Europe	340,155	1.2%	34,665,566	2.4%	138,496	44.2%
North America	24,899	- 3.3%	5,564,646	1.2%	260,792	- 7.9%
Latin America	10,183	- 0.5%	2,287,124	6.7%	173,716	- 0.3%
Africa	16,153	6.0%	2,802,807	8.3%	176,958	- 4.3%
Middle East	9,294	- 7.9%	1,410,336	- 5.6%	172,199	- 2.2%
Asia	22,723	- 0.7%	4,305,111	2.9%	561,286	- 7.9%
Total intercontinental	83,252	- 1.1%	16,370,024	2.9%	1,344,952	- 5.8%
Grand total	423,407	0.8%	51,035,590	2.6%	1,483,448	- 2.6%

\*) The 27 official members of the European Union



which was caused by a + 0.9% increase in passenger aircraft and a – 2.4% decrease in full-freighters. The average Maximum Take-Off Weight (MTOW) dropped by – 1.0 tonnes to 100.7 tonnes due to a – 0.7% decrease in the average MTOW of passenger or mixed aircraft and a decrease of – 1.3% of the average MTOW of full-freighters.

# > Air transport movements, monthly and annual totals

### Monthly totals 2012

	Jan	Feb	Mar	Anz	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
I. Air transport	Jan	reb	War	Apr	Iviay	Jun	Jui	Aug	Seb	oci	NOV	Dec
Scheduled												
	20.402	27.040		22.466	24457		24.660	24546		22.004	20.002	27.047
Passenger services	29,103	27,868	31,449	32,466	34,157	33,401	34,668	34,516	33,248	33,861	29,603	27,967
Full-freighter services	794	916	944	926	901	899	944	913	940	888	962	877
Subtotal	29,897	28,784	32,393	33,392	35,058	34,300	35,612	35,429	34,188	34,749	30,565	28,844
Non-scheduled												
Passenger services	889	924	1,076	1,586	2,665	2,771	4,022	4,020	2,903	2,573	1,115	1,013
Full-freighter services	348	361	402	370	397	378	378	400	397	460	384	364
Subtotal	1,237	1,285	1,478	1,956	3,062	3,149	4,400	4,420	3,300	3,033	1,499	1,377
Total air transport	31,134	30,069	33,871	35,348	38,120	37,449	40,012	39,849	37,488	37,782	32,064	30,221
II. General aviation												
Taxi / Business / Private	638	616	869	785	984	886	755	645	923	765	713	570
Other flights	481	403	504	500	429	508	454	419	401	401	457	391
Total general aviation	1,119	1,019	1,373	1,285	1,413	1,394	1,209	1,064	1,324	1,166	1,170	961
Grand total	32,253	31,088	35,244	36,633	39,533	38,843	41,221	40,913	38,812	38,948	33,234	31,182

### Annual totals 2012

	2012	Compared to 2011 in %
I. Air transport		
Scheduled		
Passenger services	382,307	+ 1.0
Full-freighter services	10,904	- 1.4
Subtotal	393,211	+ Q.9
Non-scheduled		
Passenger services	25,557	- 1.0
Full-freighter services	4,639	- 4.7
Subtotal	30,196	- 1.6
Total air transport	423,407	+ 0.8
II. General aviation		
Taxi / Business / Private	9,149	- 33.6
Other flights	5,348	+ 75.0
Total general aviation	14,497	- 13.9
Grand total	437,904	+ 0.2

### Total air transport

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### Air transport movements



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# Air transport movements, per hour of the day



# Per hour of the day

# Per period of the day

		Landings	Take-offs	Total
Night	23:00 - 05:59	15,179	5,673	20,852
Early morning	06:00 - 06:59	5,929	3,866	9,795
Day	07:00 - 18:59	148,489	154,163	302,652
Evening	19:00 - 22:59	42,115	47,993	90,108
Total		211,712	211,695	423,407

Punctuality of passenger services



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Air transport movements, main countries

### **Main European countries**

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	(2011 ranking)		Total Movements	Compared to 2011 in %
1	(1)	Great Britain	81,180	1.3%
2	(2)	Germany	45,219	3.9%
3	(3)	Spain	28,472	- 5.2%
4	(4)	France	26,104	- 2.0%
5	(5)	Italy	23,213	2.0%
6	(6)	Norway	18,105	9.4%
7	(7)	Switzerland	16,289	16.8%
8	(8)	Turkey	14,287	3.4%
9	(9)	Denmark	12,701	2.3%
10	(10)	Sweden	9,966	3.8%
11	(12)	Portugal	7,135	12.5%
12	(11)	Greece	6,010	- 24.3%
13	(13)	Austria	5,955	- 1.5%
14	(14)	Ireland	5,123	2.6%
15	(17)	Russia	4,499	- 0.9%
16	(18)	Poland	4,418	10.0%
17	(16)	Czech Republic	4,387	- 8.8%
18	(19)	Belgium	3,782	0.0%
19	(15)	Finland	3,716	- 22.9%
20	(21)	Romania	2,550	- 2.0%
Rest of Europ	9		17,044	1.6%
Total Europe			340,155	1.2%

### Main Intercontinental countries

,	(2011 anking)		Total Movements	Compared to 2011 in %
1	(1)	USA	21,344	- 4.4%
2	(2)	China	9,207	- 0.3%
3	(4)	Egypt	3,573	6.0%
4	(3)	Canada	3,555	3.6%
5	(5)	Morocco	3,238	3.8%
6	(6)	United Arab Emirates	2,816	- 3.8%
7	(7)	Kenya	2,263	- 4.4%
8	(8)	Israel	2,228	- 1.3%
9	(9)	Japan	2,179	3.0%
10	(13)	Indonesia	1,882	11.9%
11	(11)	South Africa	1,775	- 6.2%
12	(14)	Netherlands Antilles	1,647	1.0%
13	(15)	India	1,613	6.3%
14	(10)	Singapore	1,531	- 23.6%
15	(16)	Brazil	1,512	13.2%
16	(17)	South Korea	1,319	1.1%
17	(12)	Taiwan	1,276	- 29.0%
18	(22)	Malaysia	1,070	4.3%
19	(20)	Kazakhstan	1,015	- 8.0%
20	(29)	Ecuador	981	39.5%
Rest of Interco	ontinental		17,228	1.1%
Total Intercont	tinental		83,252	- 1.1%

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### Intercontinental

North America	24,899	30%
Latin America	10,183	12%
Africa	16,153	19%
Middle East	9,294	11%
Asia	22,723	27%
Total Intercontinental	83,252	

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# Air transport movements per type

### According to type, passenger or mixed version

	Туре	Average MTOW*	Movements	Compared t 2011 in S
1	Boeing 737-800	75	72,555	49
2	Fokker 70	38	52,676	- 19
3	Embraer 190/195	47	46,856	279
4	Boeing 737-700	64	44,756	26
5	Airbus A319	66	34,009	0
6	Airbus A320	74	29,317	- 49
7	Boeing 747-400	396	12,953	- 69
8	Airbus A330-200	229	10,782	- 19
9	Airbus A321	86	9,819	09
10	Boeing 777-200	296	9,580	- 119
11	Boeing 767-300	185	8,467	0
12	Boeing 737-900	77	8,249	139
13	Airbus A330-300	233	7,236	409
14	Fokker 100	45	6,921	- 179
15	Bombardier CRJ 700/900/1000	38	5,955	29
16	Boeing 737-300	60	5,824	- 46
17	Embraer 170/175	37	5,260	48
18	BAe 146/AVRO RJ	42	4,644	- 369
19	MD11	278	4,197	- 159
20	Dash 8-400	30	3,786	84
21	Boeing 777-300	351	3,596	149
22	Boeing 737-400	64	3,108	- 76
23	Boeing 757-200	113	2,975	29
24	Embraer ERJ 145	20	2,942	29
25	Boeing 737-500	56	2,919	- 249
26	MD80	67	1,794	5
27	Boeing 737-600	59	1,122	- 509
28	Airbus A318	61	986	949
29	Airbus A340-300	264	748	319
30	Boeing 767-400	205	708	0

\* Maximum take off weight

# Average Maximum Take Off Weight

in tonnes	2012	Compared to 2011 in %
Passenger or mixed version	92.2	- 0.7%
Full-freighter version	324.1	- 1.3%

# According to type, full-freighter version

	Туре	Average MTOW*	Movements	Compared to 2011 in %
1	Boeing 747-400	401	6,438	- 139
2	Boeing 777-200	348	3,052	479
3	MD11	285	2,663	- 199
4	Airbus A300	166	938	89
5	Boeing 747-200	378	707	- 199
6	Boeing 757-200	105	628	2839
7	ATR72	22	447	- 469
8	Boeing 767-300	187	176	169
9	Boeing 747-8	444	144	09
10	Airbus A330-200	233	100	3179
11	Embraer EMB 120	12	63	09
12	Antonov 12	64	42	- 59
13	ATR42	17	22	10009
14	Boeing 737-300	66	16	1009
15	Boeing 767-200	174	13	- 729

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\* Maximum take off weight

### Air transport movements 2012

	(2011 ranking)	Airline	Total	Compared to 2011 in %
1	(1)	KLM	213,656	2.6%
2	(2)	transavia.com	27,001	0.7%
3	(3)	easyJet (incl easyJet CH)	25,676	9.2%
4	(4)	Air France	14,551	- 1.5%
5	(6)	Delta Air Lines	10,984	0.5%
6	(7)	British Airways	10,942	3.8%
7	(5)	Lufthansa	10,868	- 2.0%
8	(8)	ArkeFly	7,884	10.3%
9	(9)	Alitalia	6,191	7.3%
10	(12)	Aer Lingus	5,078	2.9%
11	(10)	SAS	4,992	- 4.1%
12	(13)	Vueling	4,914	0.9%
13	(18)	Flybe	3,594	33.9%
14	(11)	Martinair	3,513	- 29.8%
15	(16)	Turkish Airlines	2,912	7.4%
16	(14)	Swiss	2,902	- 0.4%
17	(32)	United Airlines	2,775	108.0%
18	(15)	Austrian Airlines	2,708	- 1.2%
19	(20)	TAP Portugal	2,588	6.6%
20	(25)	China Southern	2,370	31.1%
21	(46)	Corendon Dutch Airlines	2,028	137.7%
22	(22)	Corendon	2,017	2.4%
23	(24)	LOT Polish Airlines	1,832	- 0.9%
24	(17)	Iberia (incl Iberia Express)	1,828	- 32.5%
25	(52)	Onur Air	1,736	118.1%
26	(27)	Royal Air Maroc	1,711	1.1%
27	(34)	Norwegian	1,710	37.9%
28	(23)	Singapore Airlines	1,574	- 15.6%
29	(29)	Cathay Pacific	1,494	6.4%
30	(37)	Pegasus	1,494	21.5%
Other airlines	5		39,884	- 11.4%
Total			423,407	0.8%
10 tui			723,407	0.070

### By airline segment

	2012	Share in total
SkyTeam & partners (pax only)	267,228	63.1%
Low cost carriers	50,226	11.9%
Leisure carriers	30,517	7.2%
Full freighter carriers	15,543	3.7%
Legacy carriers intercontinental	12,270	2.9%
Legacy carriers Europe	47,623	11.2%
Total air transport movements	423,407	100.0%

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# → New airlines

## Example of airlines starting services in 2012

		Airline	
1		Air China	freight
2	FedEx.	Fedex Express	freight
3	st. MNG	MNG Airlines	freight
4	swift	Swiftair	freight
5	- Sim	Air Cairo	pax
5	BH Airlines	BH Air	pax
7	euro <i>Lor</i> ®	Eurolot	pax
8	FlyGeorgia	FlyGeorgia	pax
9	Nouvelair	Nouvelair	pax



### Main Intercontinental origins and destinations

	(2011 ranking)	Airport	Air Transport Movements	Compared to 2011 in %
1	(1)	Shanghai	2,963	- 9.4%
2	(4)	Detroit	2,614	0.5%
3	(3)	Hong Kong	2,350	- 10.5%
4	(2)	Dubai	2,266	- 16.8%
5	(5)	Nairobi	2,227	- 1.2%
6	(7)	New York (JFK)	2,195	0.5%
7	(14)	Atlanta	2,129	23.2%
8	(6)	Tel Aviv	2,120	- 4.1%
9	(12)	Minneapolis	1,887	0.8%
10	(11)	Chicago	1,801	- 6.9%
11	(10)	Newark (EWR)	1,593	- 18.0%
12	(8)	Singapore	1,531	- 23.6%
13	(18)	Tokyo	1,465	4.2%
14	(16)	Washington	1,458	2.7%
15	(9)	Houston	1,454	- 25.3%
16	(15)	Toronto	1,421	- 1.5%
17	(23)	Guangzhou	1,390	11.4%
18	(20)	Seoul	1,319	1.1%
19	(13)	Taipei	1,276	- 29.0%
20	(17)	Curacao	1,220	- 13.8%

# ➔ Origins and destinations European



	(2011 ranking)	Airport	Air Transport Movements	Compared to 2011 in %
1	(1)	London Heathrow	13,417	6.3%
2	(2)	Paris Charles de Gaulle	9,284	0.9%
3	(7)	Frankfurt	8,742	7.0%
4	(4)	Munich	8,573	0.7%
5	(3)	Barcelona	8,561	- 6.2%
6	(6)	Madrid	7,851	- 5.3%
7	(5)	Copenhagen	7,606	- 10.6%
8	(8)	Zuerich	7,054	1.7%
9	(10)	London City	6,855	5.8%
10	(9)	Rome Fiumicino	6,587	0.0%
11	(11)	Oslo	6,073	3.0%
12	(13)	Geneva	5,930	5.3%
13	(12)	London Gatwick	5,816	2.4%
14	(14)	Vienna	5,402	- 2.3%
15	(15)	Manchester	5,340	- 0.9%
16	(20)	Stockholm	5,211	9.2%
17	(17)	Hamburg	5,209	3.4%
18	(16)	Edinburgh	5,030	- 0.6%
19	(18)	Birmingham	4,538	- 6.8%
20	(27)	Lisbon	4,462	19.4%

### Traffic Review 2012

### Passengers



The number of passengers travelling from/to and via Amsterdam Airport Schiphol increased by + 2.6% to 51 million passengers. Never before the magic number of 50 million was exceeded at Schiphol.

The passenger increase is composed by an increase in Origin & Destination (O&D) passengers (+ 2.1%) and an increase in transfer passengers (+ 3.4%). The busiest day of the year was recorded on 20 July with almost 178 thousand passengers (excl. transit direct), 0.3% less than the busiest day the year before.

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Transport Transfer, O&D, Transito & Load Factor



### Transport, Transfer & O&D



Total (incl. Transit) 51,036 81%

# → Main European and Intercontinental countries

### Main European countries

Ranking	(2011 ranking)		2012	Compared to 2011 in %
1	1	Great Britain	7,424,766	1.8%
2	2	Spain	4,158,067	- 3.3%
3	3	Germany	3,325,582	2.1%
4	4	Italy	2,737,088	3.1%
5	5	France	2,327,499	7.3%
6	6	Turkey	2,241,527	6.7%
7	7	Norway	1,607,579	8.5%
8	8	Switzerland	1,553,241	5.6%
9	10	Denmark	1,211,919	4.7%
10	11	Sweden	1,008,596	8.5%
11	12	Portugal	951,215	15.4%
12	9	Greece	926,505	- 20.0%
13	13	Ireland	654,837	3.5%
14	14	Austria	567,373	- 3.1%
15	16	Russia	510,889	6.9%
16	15	Finland	478,977	- 1.8%
17	17	Czech Republic	402,034	- 12.7%
18	18	Hungary	361,337	- 10.1%
19	19	Poland	355,705	7.6%
20	20	Romania	329,883	6.7%

### **Main Intercontinental countries**

Ranking	(2011 ranking)		2012	Compared to 2011 in %
1	1	USA	4,616,405	0.1%
2	2	China	1,348,975	4.2%
3	3	Canada	938,777	7.1%
4	4	United Arab Emirates	604,593	3.6%
5	6	Egypt	554,465	13.8%
6	5	Netherlands Antilles	487,508	- 3.2%
7	8	Japan	470,650	14.1%
8	14	Thailand	440,799	21.3%
9	10	Morocco	424,116	8.8%
10	7	Kenya	422,859	- 1.0%
11	12	South Africa	391,044	3.6%
12	9	Malaysia	390,519	- 1.4%
13	13	India	372,050	0.8%
14	18	Brazil	350,031	34.2%
15	11	Israel	335,605	- 13.6%
16	15	Singapore	331,542	1.7%
17	17	Surinam	259,687	- 2.8%
18	20	Indonesia	238,943	0.3%
19	16	Mexico	238,228	- 18.4%
20	22	Peru	224,419	- 0.1%

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Main European and Intercontinental origins and destinations

### Main European origins and destinations

	(2011 ranking)	Airport	IATA code	Passengers 2012	Compared to 2011 in %
1	(1)	London	LHR	1,429,378	1.6%
2	(2)	Barcelona	BCN	1,250,144	- 5.4%
3	(4)	Paris	CDG	1,124,252	7.0%
4	(3)	Madrid	MAD	1,030,188	- 7.2%
5	(5)	Rome	FCO	929,195	1.7%
6	(6)	Copenhagen	СРН	822,723	- 1.0%
7	(8)	Frankfurt	FRA	706,106	1.3%
8	(7)	Antalya	AYT	701,310	- 3.9%
9	(9)	Munich	MUC	689,499	2.0%
10	(11)	London	LGW	678,519	6.7%
11	(10)	Zuerich	ZRH	677,497	1.7%
12	(12)	Manchester	MAN	674,228	7.2%
13	(15)	Stockholm	ARN	630,012	11.6%
14	(14)	Geneva	GVA	617,019	4.0%
15	(13)	Oslo	OSL	612,418	2.7%
16	(18)	lstanbul	IST	611,914	16.1%
17	(20)	Lisbon	LIS	587,060	22.39
18	(16)	Edinburgh	EDI	566, 347	0.4%
19	(19)	Vienna	VIE	503,767	- 4.3%
20	(32)	Milan	LIN	485,016	42.2%

# Main Intercontinental origins and destinations

	(2011 ranking)	Airport	IATA code	Passengers 2012	Compared to 2011 in %
1	(1)	Detroit	DTW	631,350	4.1%
2	(2)	New York	JFK	585,620	4.8%
3	(3)	Dubai	DXB	551,891	5.0%
4	(4)	Atlanta	ATL	526,032	14.6%
5	(12)	Bangkok	ВКК	440,799	21.3%
6	(5)	Minneapolis	MSP	438,910	- 2.0%
7	(7)	Nairobi	NBO	414,409	1.3%
8	(6)	Hong Kong	HKG	396,097	- 3.8%
9	(9)	Kuala Lumpur	KUL	390,519	- 1.4%
10	(10)	Toronto	YYZ	390,505	1.4%
11	(8)	Curacao	CUR	388,041	- 5.1%
12	(13)	Singapore	SIN	331,542	1.7%
13	(11)	Tel Aviv	TLV	321,252	- 16.0%
14	(14)	Shanghai	PVG	320,866	- 1.4%
15	(15)	Houston	IAH	304, 371	- 0.2%
16	(19)	Washington	IAD	268,882	4.7%
17	(29)	Tokyo	NRT	262,767	19.5%
18	(17)	Chicago	ORD	260,745	- 1.7%
19	(20)	Beijing	PEK	260, 339	1.6%
20	(16)	Paramaribo	PBM	259,687	- 2.8%

# → Passenger profile



2011	2012
33%	32%
4%	4%
42%	43%
20%	19%
1%	2%
	33% 4% 42% 20%

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Cargo transport has experienced a small reduction at Amsterdam Airport Schiphol. In 2012 a drop was recorded – 2.6% with cargo totalling just under 1.5 million tonnes. Cargo transported on full-freighter services showed a decrease of – 0.9%, while cargo transported on passenger service flights went down by – 5.1%.

An overall decrease of cargo was observed in almost all regions except for Europe. The Far-East, the region with the most dense cargo traffic flow to and from Schiphol, dropped by -7.9%. The second largest region North America also showed a reduction of -7.9%. The busiest month in 2012 was March, with over 131 thousand tonnes.

# Monthly totals per aircraft type



# Annual totals by continent

Annual totals 2012



### Total air transport

	2012		ared to 1 in %
Total	1,483.4	-	2.6%
Passenger services	608.8	-	5.1%
Full-freighter services	874.7	-	0.9%
Inbound	751.6	_	3.4%
Outbound	731.9	_	1.9%

# Cargo, main origins and destinations

	(2011 ranking)	Airport	IATA code	2012 in tonnes	Compared to 2011 in %
1	(1)	Shanghai	PVG	143,736	- 13.2%
2	(2)	Nairobi	NBO	92,068	3.6%
3	(10)	Moscow	SVO	56,141	63.7%
4	(4)	Hong Kong	HKG	55,714	- 15.2%
5	(5)	Chicago	ORD	51,812	- 11.1%
6	(6)	Singapore	SIN	47,764	- 16.0%
7	(3)	Dubai	DXB	46,463	- 32.1%
8	(7)	Tokyo	NRT	44, 349	- 9.2%
9	(8)	Seoul	ICN	39, 336	- 4.2%
10	(11)	Doha	DOH	35,481	4.0%
11	(13)	Kuala Lumpur	KUL	33,707	10.0%
12	(16)	Guangzhou	CAN	32,847	24.0%
13	(12)	Quito	UIO	32,269	- 1.7%
14	(15)	Miami	MIA	32,039	13.5%
15	(22)	Jeddah	JED	31,300	59.0%
16	(9)	Johannesburg	JNB	30,292	- 23.2%
17	(14)	Houston	IAH	27,496	- 3.4%
18	(19)	Taipei	TPE	26,214	12.7%
19	(17)	Bogota	BOG	25,300	1.4%
20	(18)	Beijing	PEK	24,232	- 1.3%

# Annual totals by aircraft type



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### Other Airports

With a growth of + 2.6% in PASSENGER numbers, Amsterdam Airport Schiphol maintained its fourth place in the ranking of the top ten European airports. In the ranking of CARGO airports Amsterdam Airport Schiphol managed to keep up the third position in Europe.

### Air transport movements \*

x 1,000			2012		Compared to 2011 in %	
	1	Paris Ch. de Gaulle	CDG	491	-	3.1
	2	Frankfurt	FRA	476	-	1.1
	3	London Heathrow	LHR	471	-	1.0
	4	Amsterdam	AMS	423	+	0.8
	5	Munich	MUC	377	-	2.9
	6	Madrid	MAD	373	-	13.1
	7	Istanbul	IST	349	+	14.4
	8	Rome Fiumicino	FCO	309	_	4.6
	9	Barcelona	BCN	290	-	4.3
	10	Zurich	ZRH	252	-	2.3

\*) Top 10 airports in Europe in air transport movements

### Passenger transport (excl. transit-direct) \*

x 1,000				2012		Compared to 2011 in %	
	1	London Heathrow	LHR	69,985	+	0.9	
	2	Paris Ch. de Gaulle	CDG	61,490	+	1.0	
	3	Frankfurt	FRA	57,274	+	1.7	
	4	Amsterdam	AMS	50,976	+	2.6	
	5	Madrid	MAD	45,104	-	9.0	
	6	lstanbul	IST	44,999	+	20.0	
	7	Munich	MUC	38,193	+	1.6	
	8	Rome Fiumicino	FCO	36,741		1.8	
	9	Barcelona	BCN	35,091	+	2.2	
	10	London Gatwick	LGW	34,211	+	1.7	

\*) Top 10 passenger airports in Europe

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# Cargo transport \*

.,			2012		2011 in %	
	1	Frankfurt	FRA	1,986	-	6.9
	2	Paris Ch. de Gaulle	CDG	1,950	-	6.6
	3	Amsterdam	AMS	1,483	-	2.6
	4	London Heathrow	LHR	1,465	-	1.3
	5	Leipzig	LEJ	864	+	13.6
	6	Cologne	CGN	730	+	0.5
	7	Luxembourg	LUX	615	-	6.4
	8	Liège	LGG	577	_	14.5
	9	lstanbul	IST	522	+	4.9
	10	Brussels	BRU	459	-	3.3

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\*) Top 10 cargo airports in Europe

Traffic Review 20	012		<u> </u>	Infra	structure
Click on the runway for more infor	Polder R Location: 1 Length: 3,4 Width: 60	18R - 36L 800 metres	<b>Infras</b> Buitenveldert Runway	structu	re
Amsterdam Airport So	Loca Loca	tion: 18C - 36C th: 3,300 metres h: 45 metres	Location: 09 - 27 Length: 3,453 metres Width: 45 metres	A start	
Capacity Terminal passengers 6	0 - 65 mln per year	2	5 Aalsmeer Location: 18 Length: 3,40 Width: 45 m	BL - 36R 00 metres	
Aircraft stands				4	
Connected	93 N 201			6	
Disconnected	105		111 - 51	Schiphol East Runway	1
Total	198	Location: 06 - Length: 3,500	24 metres	Location: 04 - 22 Length: 2,014 metres Width: 45 metres	X
Car parking spaces	1	Width: 45 me	tres		
Passengers / visitors	22,113	3	1.0	Yess	
Employees	14,586	1. 2			
Total	36,699				1

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# Definitions

### Air transport movements

An air transport movement means a landing or take-off. Air transport movement in scheduled traffic means a movement in commercial traffic according to an official timetable. Air transport movement in non-scheduled traffic means a non-scheduled movement in commercial traffic (charters, relief services, etc.; taxi flights excluded).

### Cargo transport

Both paying and non paying cargo, including military mail and express cargo. Goods leaving the airport on the same aircraft as the one by which they have arrived (transit-direct) are left out of account, as well as trucking cargo.

### Mail transport

Mail handled exclusively by TNT Post Group N.V. excluding mail leaving the airport on the same aircraft as the one by which it has arrived (transit-direct).

### Passenger load factor

The passenger load factor means the number of passengers (including 2x transit-direct) expressed in a percentage of the number of available seats.

### Passenger transport

All passengers on scheduled- and non-scheduled flights including service passengers and infants. Passengers on taxi-, photo- and sightseeing flights are excluded.

### O&D passengers

Originating and destinating passengers. Those whose journey by air starts or ends at Amsterdam Airport Schiphol.

### Transfer passengers

Those who change planes within 24 hours without leaving the customs area are counted both arriving and departing.

### Transit-direct passengers

Those who leave the airport on the same flight number as the one by which they arrived, without leaving the customs area are not counted incoming or outgoing, but stated separately.

### Punctuality

Punctuality is the percentage of flights departing/arriving whithin no more than 15 minutes of its scheduled time on/off blocks, regarding passenger flights only.

### мтоw

Maximum take-off weight of an aircraft.