

# Passenger Flows

## Zurich Airport

July to December 2012



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## Preface

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The publication "Passenger Flows" is a record for all employees of Zurich Airport as well as operating partners at Zurich Airport.

The document provides an overview of airport areas which are used by passengers and which distances the passengers have to cover within the airport. We distinguish between departing and arriving local passengers, as well as arriving and departing transfer passengers.

The record starts with charts that inform about the spatial distribution of the individual passenger types, followed by graphics stating the passenger flows. An explanation to the individual graphics can be found in the appendix of this document.

All described information in this document refers to the stated period. This document will be issued on a half-yearly basis and may be downloaded as a PDF file at the following internet link:

<http://www.flughafen-zuerich.ch/desktopdefault.aspx/tabid-614/>

In case of questions or requirements, you can reach our team «Datawarehouse & Statistics» (OPD) as follows:

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Further statistical analysis can be found in the statistical yearbook, which can be downloaded from the internet at:

<http://www.flughafen-zuerich.ch/desktopdefault.aspx/tabid-613/>

Thank you very much for your interest.

## Spatial distribution of passenger types

### Departing local passengers, 2<sup>nd</sup> half-year 2012

from / to	Bus gates A10	Bus gates A50	Bus gates B10	Bus gates D50	Gates A	Gates B	Gates D	Gates E	Total
Check-in 1	900	158'000	-	67'000	632'000	114'000	165'000	250'000	1'386'900
Check-in 2	-	11'000	134'000	87'000	206'000	122'000	130'000	790'000	1'480'000
Check-in 3	500	97'000	161'000	90'000	453'000	289'000	108'000	232'000	1'430'500
<b>Total</b>	<b>1'400</b>	<b>266'000</b>	<b>295'000</b>	<b>244'000</b>	<b>1'291'000</b>	<b>525'000</b>	<b>403'000</b>	<b>1'272'000</b>	<b>4'297'400</b>

### Transfer passengers, 2<sup>nd</sup> half-year 2012

from / to	Bus gates A10	Bus gates A50	Bus gates B10	Bus gates D50	Gates A	Gates B	Gates D	Gates E	Total
Gates A	500	100'000	4'000	18'000	233'000	83'000	55'000	229'000	722'500
Gates B	100	23'000	2'000	5'000	59'000	22'000	24'000	74'000	209'100
Gates D	200	40'000	1'000	5'000	79'000	27'000	14'000	43'000	209'200
Gates E	600	111'800	1'600	15'300	215'100	52'500	31'100	96'400	524'400
Grüezi A	100	10'000	0	1'000	19'000	7'000	5'000	109'800	151'900
Grüezi B	600	111'800	1'600	15'300	215'100	52'500	31'100	11'400	439'400
Grüezi D	400	42'000	1'000	11'000	100'000	36'000	25'000	17'500	232'900
<b>Total</b>	<b>2'500</b>	<b>438'600</b>	<b>11'200</b>	<b>70'600</b>	<b>920'200</b>	<b>280'000</b>	<b>185'200</b>	<b>581'100</b>	<b>2'489'400</b>

### Arriving local passengers, 2<sup>nd</sup> half-year 2012

from / to	Arrival 1	Arrival 2	Total
Gates A	1'278'000	22'000	1'300'000
Gates B	0	505'000	505'000
Gates D	1'000*	477'000	477'000
Gates E	34'000	1'200'000	1'234'000
Grüezi A	246'000	4'000	250'000
Grüezi B	121'000	231'000	352'000
Grüezi D	1'000*	235'000	235'000
Grüezi Z	0	0	0
<b>Total</b>	<b>1'681'000</b>	<b>2'674'000</b>	<b>4'355'000</b>

**Definition:**

*Local passengers: Passengers, whose trip begins and ends in Zurich.*

*Transfer passengers: Passengers, who transfer at Zurich Airport.*

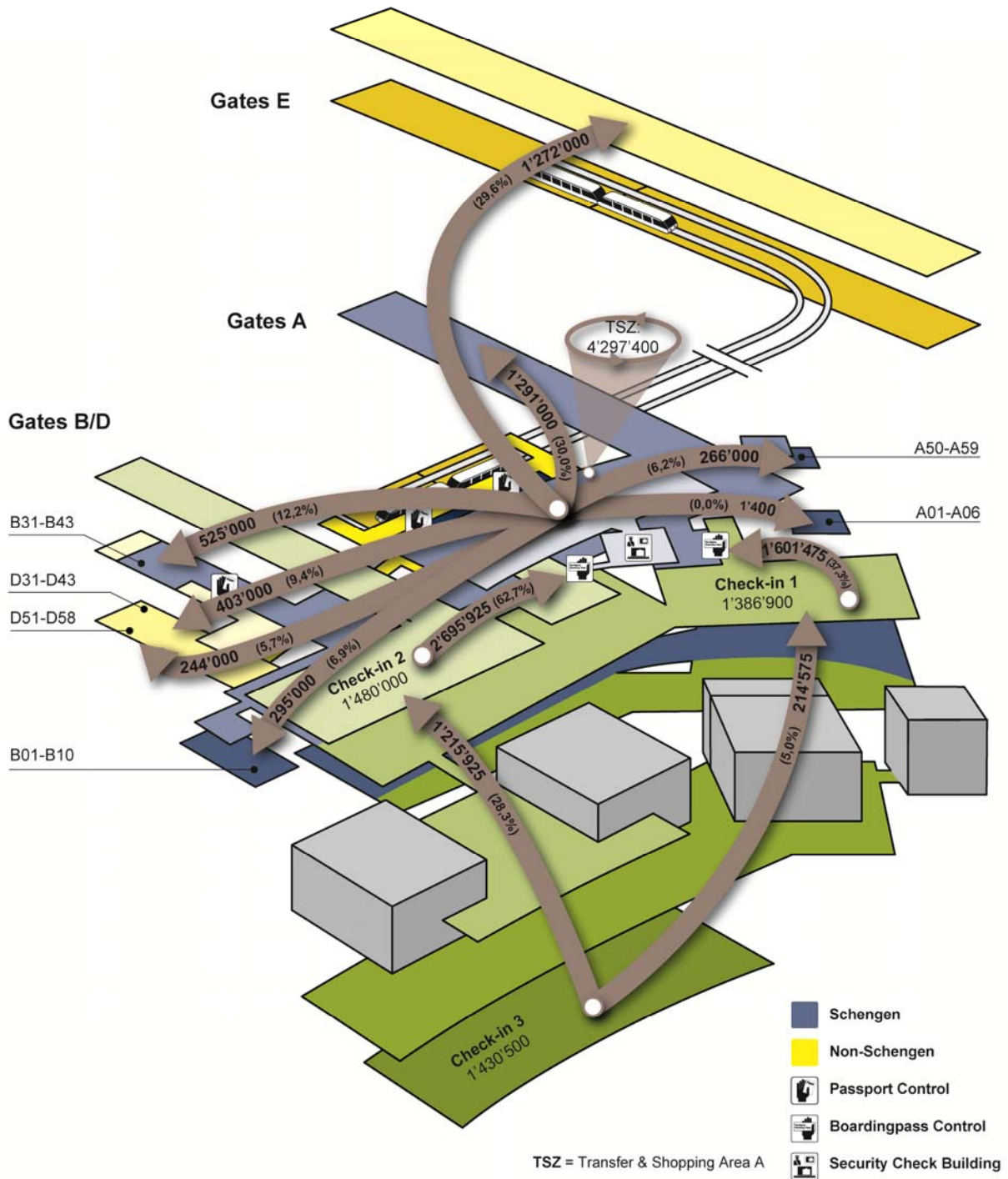
\* These numbers are not shown with arrows in graphic "arriving local passengers" due to the small amount of passengers.



Graphics

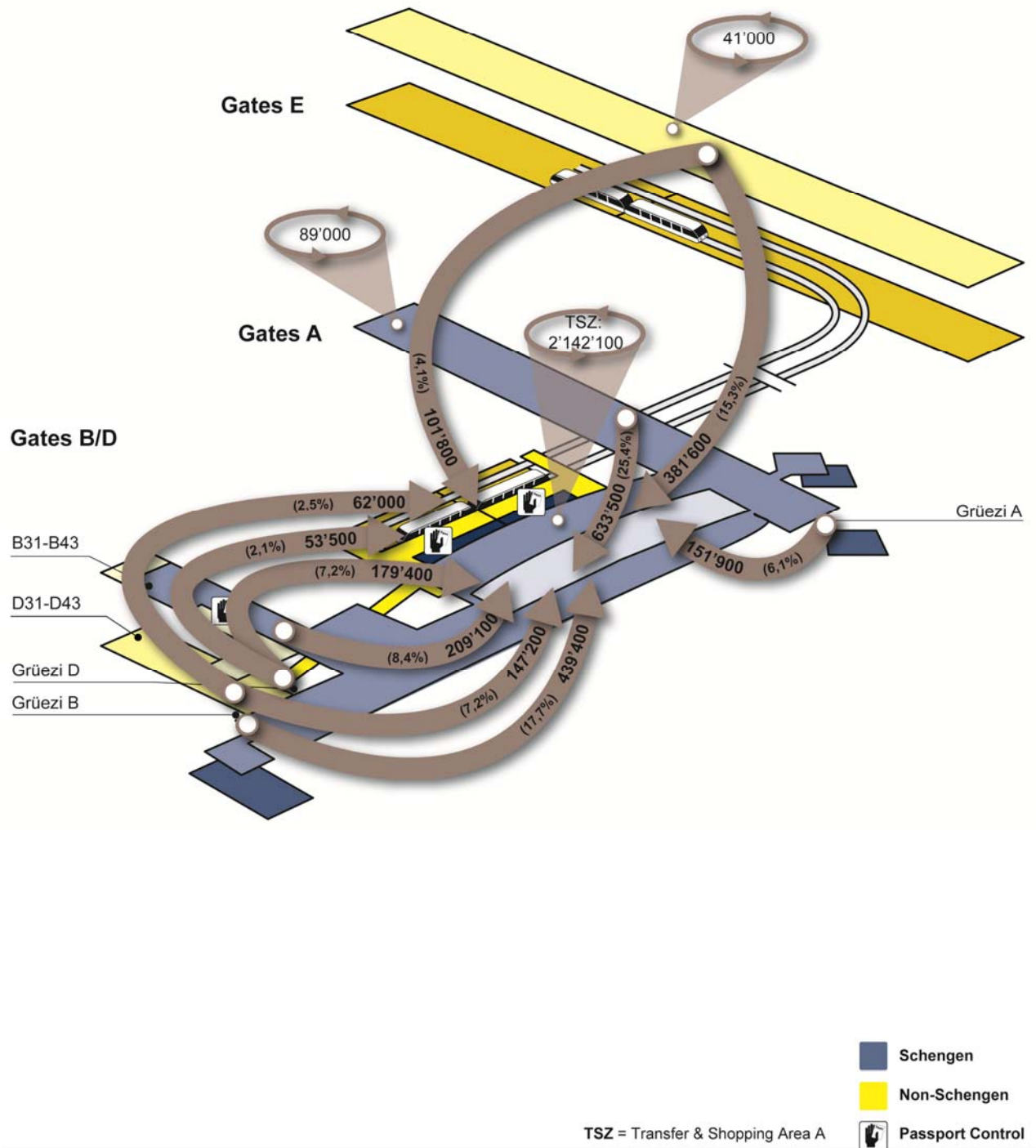
Departing local passengers

2nd half-year 2012



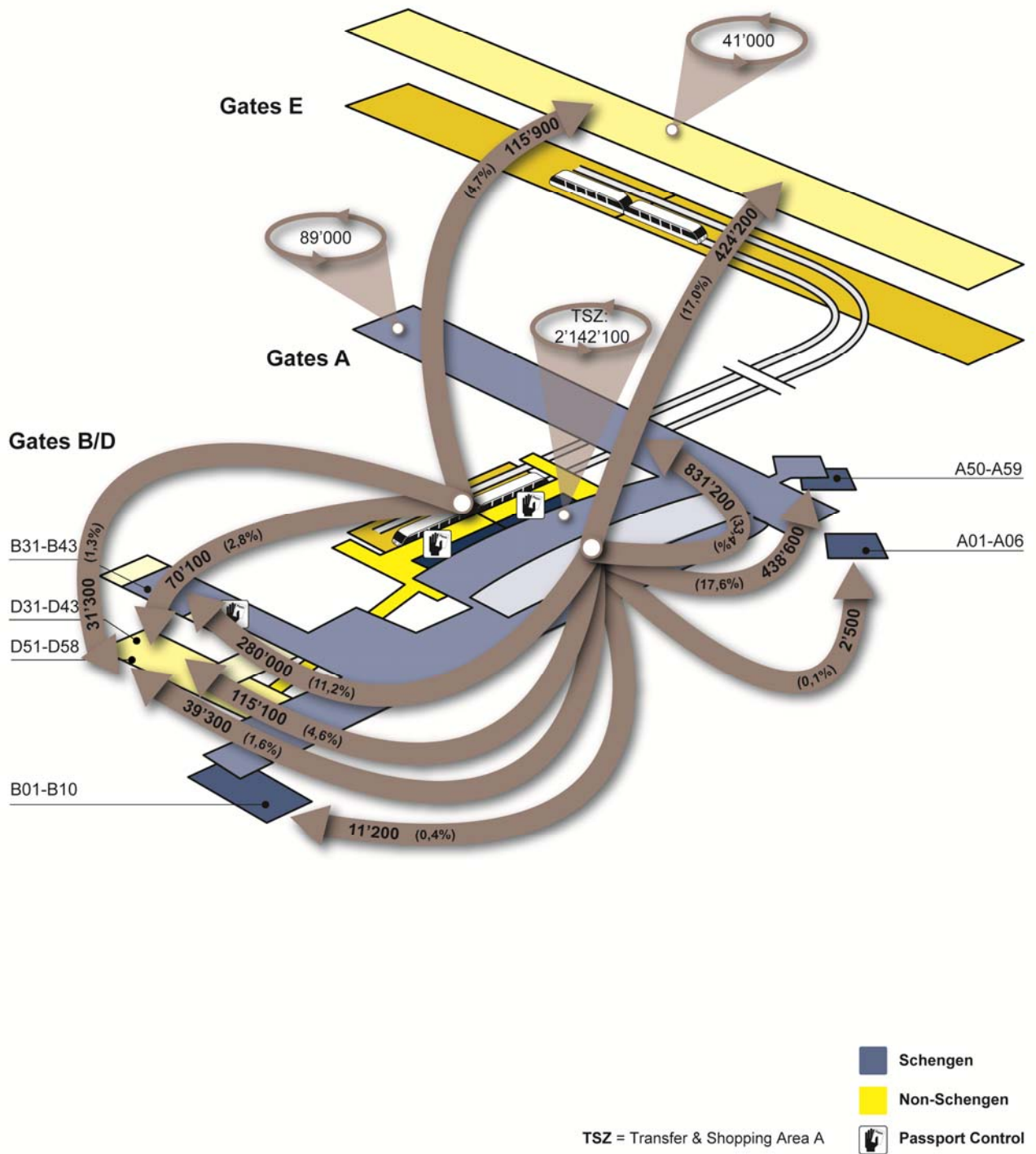
## Arriving transfer passengers

2nd half-year 2012



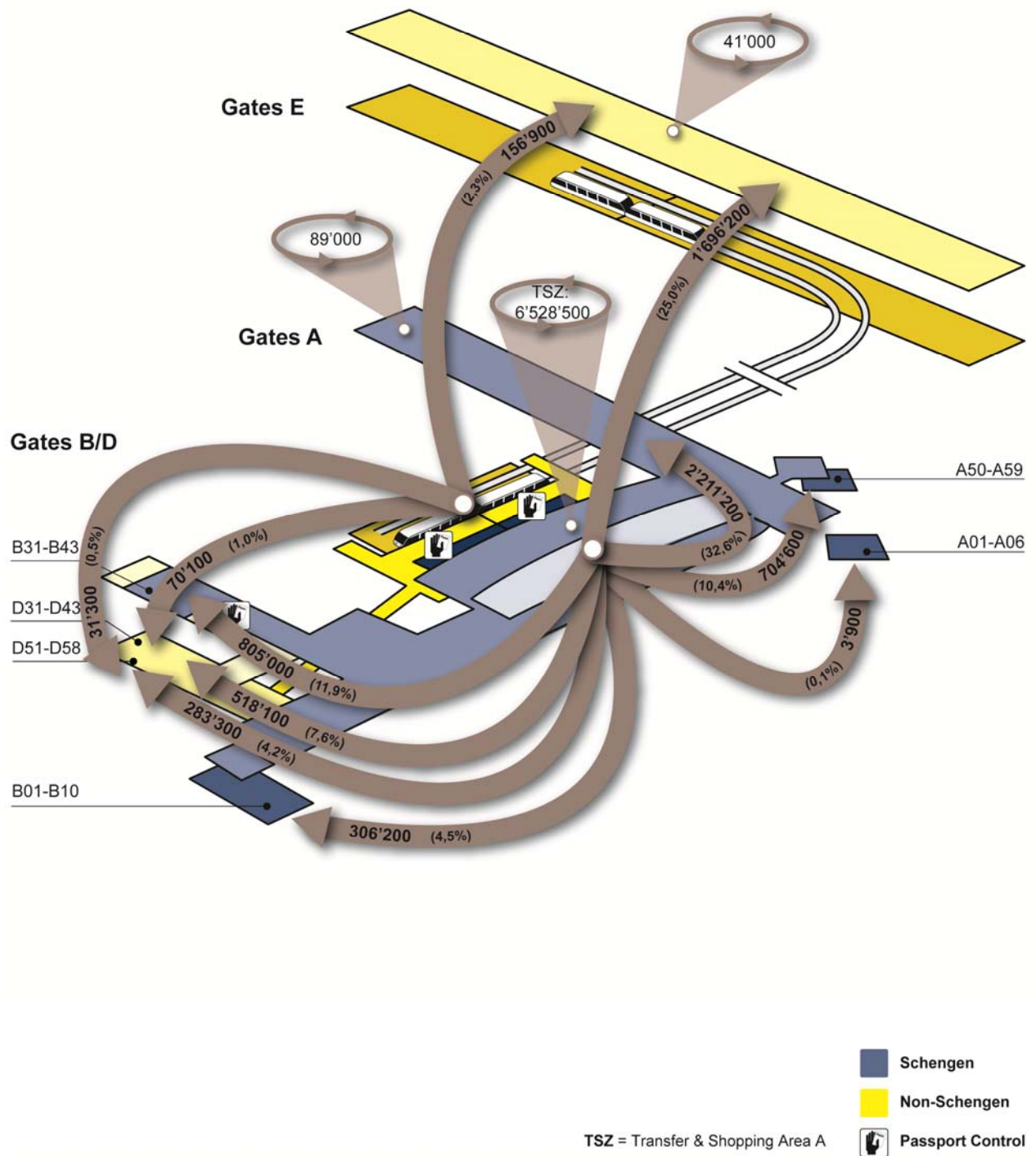
## Departing transfer passengers

2nd half-year 2012



# Total departing passengers (local and transfer)

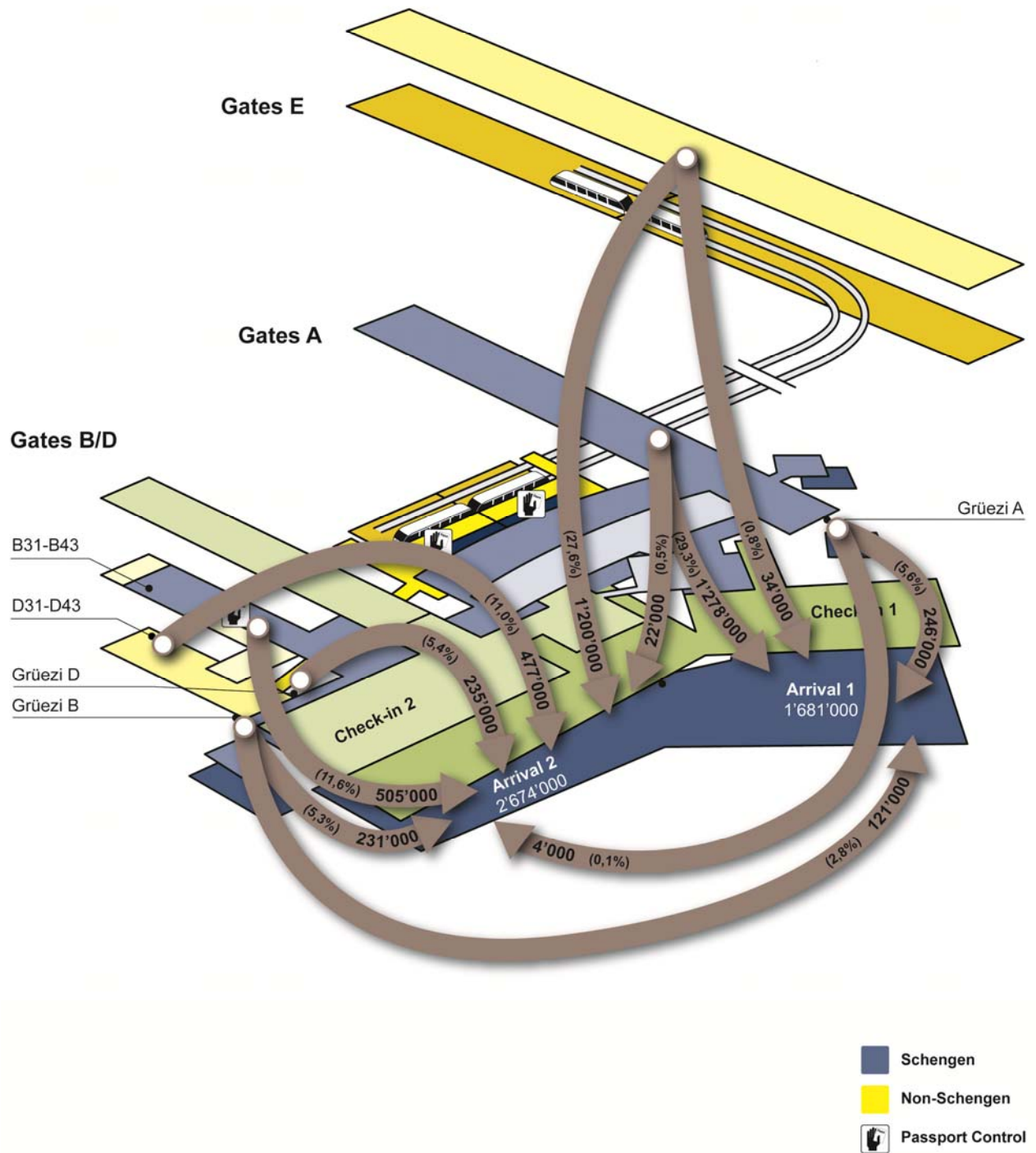
2nd half-year 2012





# Arriving local passengers

2nd half-year 2012



Detailed information on gates

**1.1. Bus Gates A01 – 06 (Schengen)**

Number of passengers at the Bus Gates A10 2nd half-year 2012 (incl. transfer passengers)		
<i>Month</i>	<i>departing passengers</i>	<i>departing flights</i>
07.2012	687	9
08.2012	245	4
09.2012	916	13
10.2012	1'172	15
11.2012	0	0
12.2012	185	2
<b>Total</b>	<b>3'205</b>	<b>43</b>

Number of departing passengers at the Bus Gates A10 per class, 2nd half-year 2012		
<i>Class</i>	<i>departing passengers</i>	<i>Share in %</i>
Eco	2'904	90.6%
Business	301	9.4%
First	-	0.0%
<b>Total</b>	<b>3'205</b>	<b>100%</b>

The graphic for the Bus Gates A01 – 06 is not shown because there are only 43 flights for the 2<sup>nd</sup> half year 2012 and no passengers departed on this year's reference day.

**1.2. Bus Gates A50 – 59 (Schengen)**

Number of passengers at the Bus Gates A50  
2nd half-year 2012 (incl. transfer passengers)

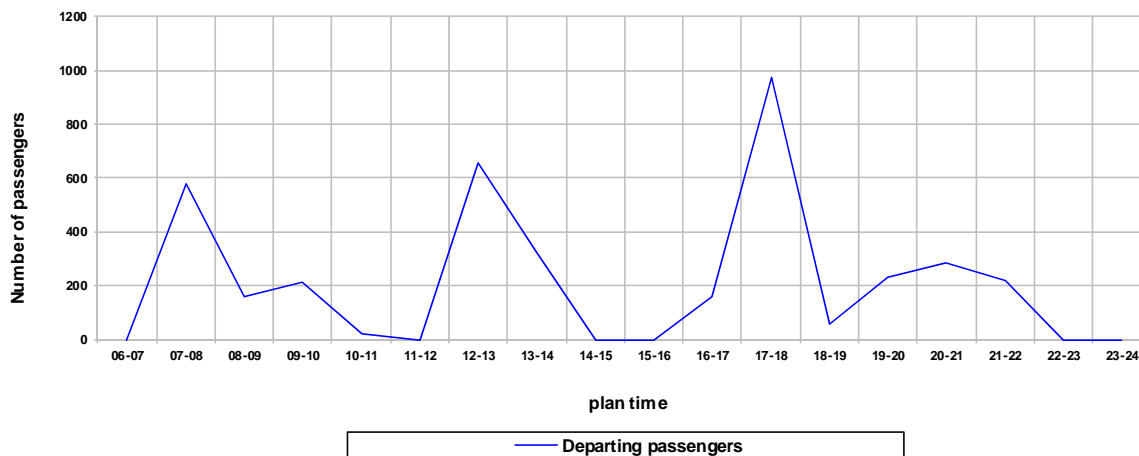
Month	departing passengers	departing flights
07.2012	107'861	1'649
08.2012	97'658	1'673
09.2012	117'659	1'745
10.2012	99'279	1'694
11.2012	95'380	1'593
12.2012	88'562	1'592
<b>Total</b>	<b>606'399</b>	<b>9'946</b>

Number of departing passengers at the Bus Gates A50  
per class, 2nd half-year 2012

Class	departing passengers	Share in %
Eco	550'707	90.8%
Business	55'692	9.2%
First	-	0.0%
<b>Total</b>	<b>606'399</b>	<b>100%</b>

Daily course of passengers at the Bus Gates A50 on a reference day in the 2nd half-year 2012

Daily course of departing passengers at the Bus Gates A50,  
2nd half-year 2012 (reference day 21st of September 2012)



**1.3. Bus Gates B01 – 10 (Schengen)**

Number of passengers at the Bus Gates B10  
2nd half-year 2012 (incl. transfer passengers)

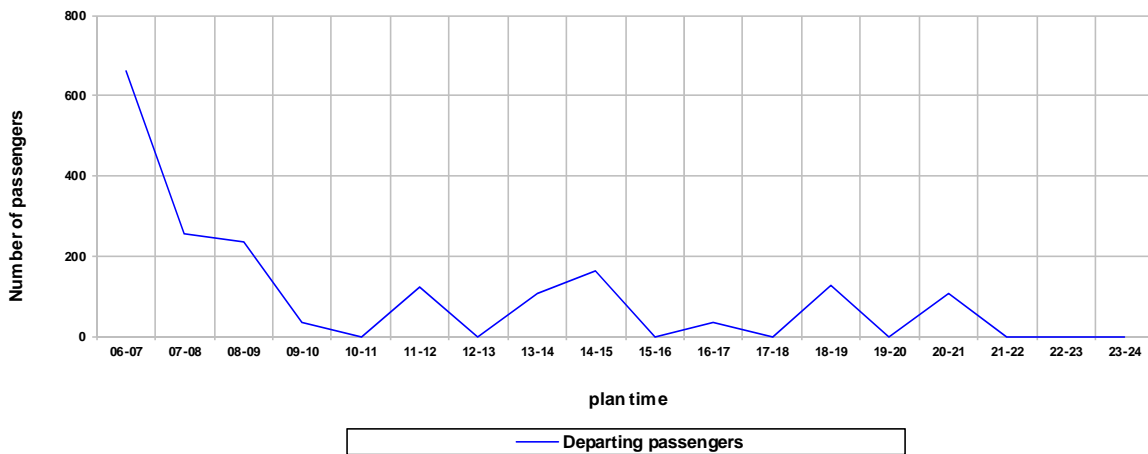
Month	departing passengers	departing flights
07.2012	69'876	651
08.2012	58'132	635
09.2012	65'702	654
10.2012	52'192	586
11.2012	33'090	456
12.2012	26'051	271
<b>Total</b>	<b>305'043</b>	<b>3'253</b>

Number of departing passengers at the Bus Gates B10  
per class, 2nd half-year 2012

Class	departing passengers	Share in %
Eco	297'256	97.4%
Business	7'787	2.6%
First	-	0.0%
<b>Total</b>	<b>305'043</b>	<b>100%</b>

Daily course of passengers at the Bus Gates B10 on a reference day in the 2nd half-year 2012

Daily course of departing passengers at the Bus Gates B10,  
2nd half-year 2012 (reference day 21st of September 2012)





**1.4. Bus Gates D51 – 58 (Non-Schengen)**

Number of passengers at the Bus Gates D50  
2nd half-year 2012 (incl. transfer passengers)

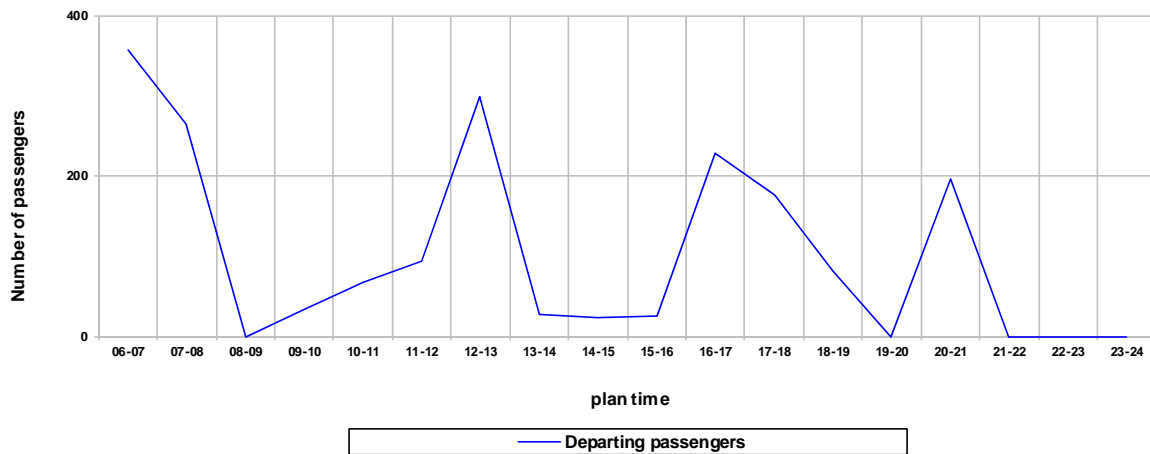
Month	departing passengers	departing flights
07.2012	56'114	619
08.2012	53'778	673
09.2012	54'849	624
10.2012	51'925	624
11.2012	43'002	557
12.2012	43'592	531
<b>Total</b>	<b>303'260</b>	<b>3'628</b>

Number of departing passengers at the Bus Gates D50  
per class, 2nd half-year 2012

Class	departing passengers	Share in %
Eco	291'393	96.1%
Business	11'821	3.9%
First	46	0.0%
<b>Total</b>	<b>303'260</b>	<b>100%</b>

Daily course of passengers at the Bus Gates D50 on a reference day in the 2nd half-year 2012

Daily course of departing passengers at the Bus Gates D50,  
2nd half-year 2012 (reference day 21st of September 2012)

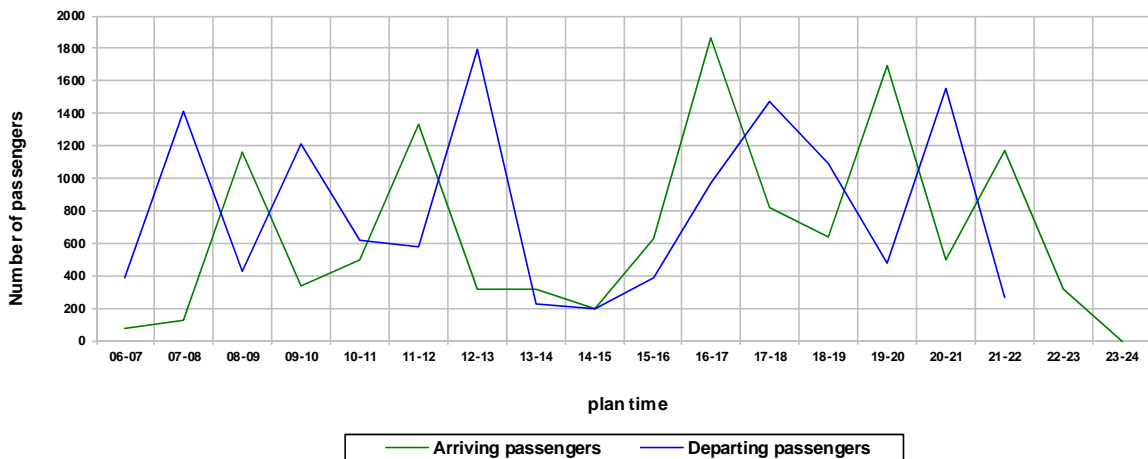


**1.5. Gates A62 – 86 (Schengen)**

Number of passengers at the Gates A 2nd half-year 2012 (incl. transfer passengers)					Number of departing passengers at the Gates A per class, 2nd half-year 2012		
Month	arriving passengers	arriving flights	departing passengers	departing flights	Class	departing passengers	Share in %
07.2012	377'023	3'435	411'688	3'414			
08.2012	392'125	3'378	352'465	3'360	Eco	1'892'038	93.4%
09.2012	356'918	3'226	358'754	3'212	Business	134'306	6.6%
10.2012	361'071	3'240	332'691	3'211	First	-	0.0%
11.2012	277'134	2'862	278'428	2'891	<b>Total</b>	<b>2'026'344</b>	<b>100%</b>
12.2012	271'859	2'962	292'318	2'985			
<b>Total</b>	<b>2'036'130</b>	<b>19'103</b>	<b>2'026'344</b>	<b>19'073</b>			

Daily course of passengers at the Gates A on a reference day in the 2nd half-year 2012

Daily course of arriving and departing passengers at the Gates A,  
2nd half-year 2012 (reference day 21st of September 2012)

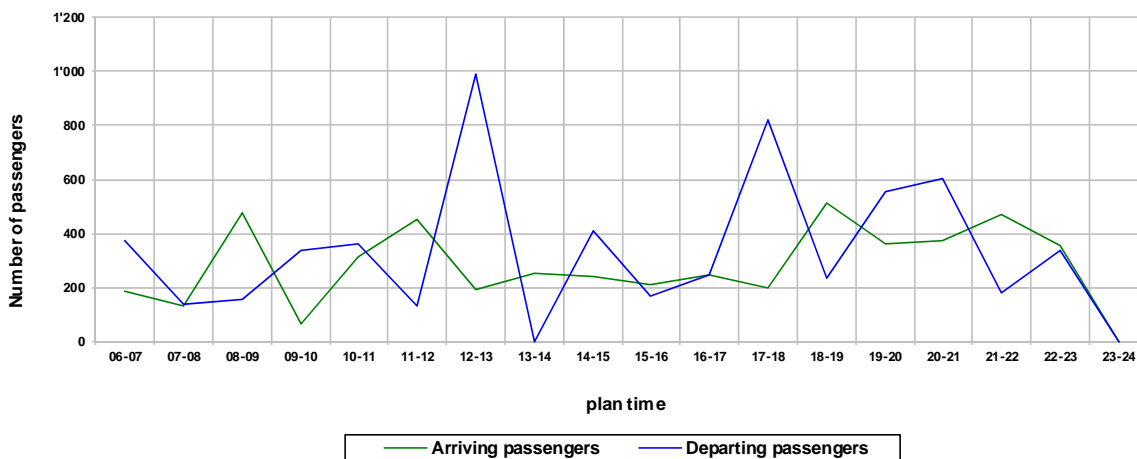


**1.6. Gates B31 – 43 (Schengen)**

Number of passengers at the Gates B 2nd half-year 2012 (incl. transfer passengers)					Number of departing passengers at the Gates B per class, 2nd half-year 2012		
Month	arriving passengers	arriving flights	departing passengers	departing flights	Class	departing passengers	Share in %
07.2012	134'311	1'249	150'600	1'272			
08.2012	139'743	1'258	135'213	1'286	Eco	729'166	95.5%
09.2012	121'271	1'121	130'259	1'148			
10.2012	135'978	1'253	134'494	1'276	Business	34'642	4.5%
11.2012	99'599	1'068	108'987	1'130			
12.2012	88'218	972	104'255	1'029	First	-	0.0%
<b>Total</b>	<b>719'120</b>	<b>6'921</b>	<b>763'808</b>	<b>7'141</b>	<b>Total</b>	<b>763'808</b>	<b>100%</b>

Daily course of passengers at the Gates B on a reference day in the 2nd half-year 2012

Daily course of arriving and departing passengers at the Gates B,  
2nd half-year 2012 (reference day 21st of September 2012)

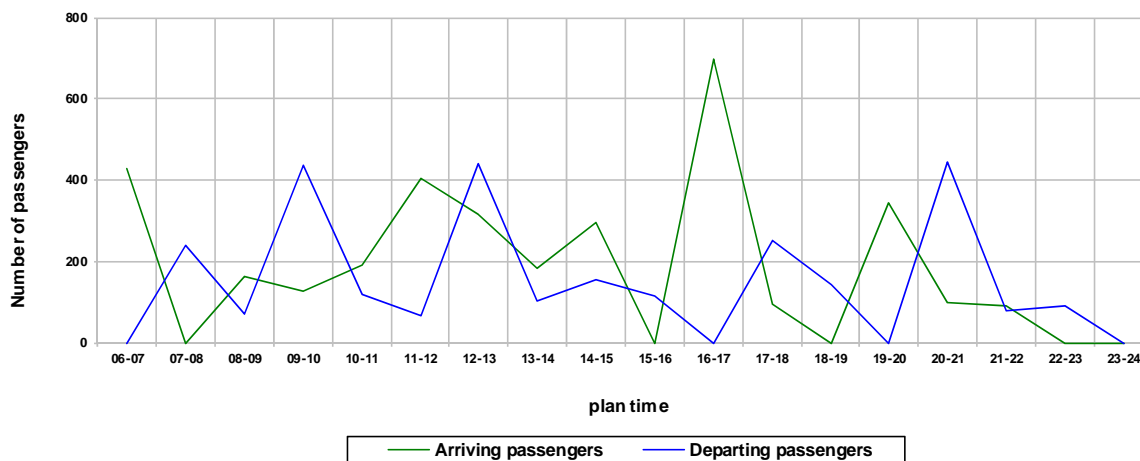


**1.7. Gates D31 – 43 (Non-Schengen)**

Number of passengers at the Gates D 2nd half-year 2012 (incl. transfer passengers)					Number of departing passengers at the Gates D per class, 2nd half-year 2012		
Month	arriving passengers	arriving flights	departing passengers	departing flights	Class	departing passengers	Share in %
07.2012	108'826	851	105'067	769			
08.2012	124'839	887	91'737	775	Eco	466'519	92.0%
09.2012	105'546	808	87'826	706	Business	40'714	8.0%
10.2012	107'031	804	85'453	717	First	51	0.0%
11.2012	90'872	746	68'838	626			
12.2012	86'073	714	68'363	623			
<b>Total</b>	<b>623'187</b>	<b>4'810</b>	<b>507'284</b>	<b>4'216</b>	<b>Total</b>	<b>507'284</b>	<b>100%</b>

Daily course of passengers at the Gates D on a reference day in the 2nd half-year 2012

Daily course of arriving and departing passengers at the Gates D,  
2nd half-year 2012 (reference day 21st of September 2012)



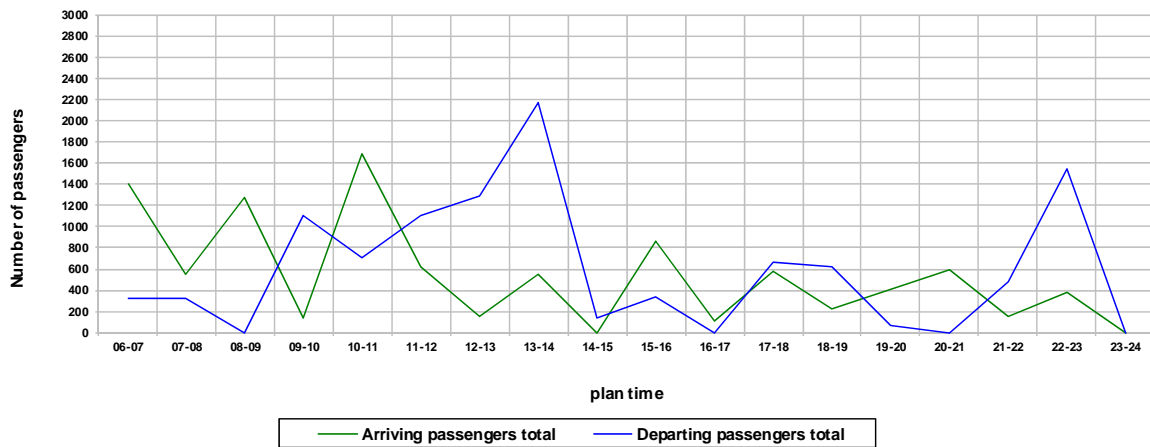


**1.8. Gates E16 – 67 (Non-Schengen)**

Number of passengers and flights at Dock E 2nd half-year 2012 (incl. transfer passengers)									Number of departing passengers at the Gates E per class, 2nd half-year 2012		
Month	arriving passengers	US share	arriving flights	US share	departing passengers	US share	departing flights	US share	Class	departing passengers	Share in %
07.2012	308'403	27%	1'970	23%	391'264	25%	2'095	22%	Eco	1'619'548	85.2%
08.2012	350'414	25%	1'939	23%	327'656	28%	1'982	23%	Business	260'158	13.7%
09.2012	296'970	27%	1'777	23%	317'567	26%	1'866	22%	First	21'474	1.1%
10.2012	301'778	24%	1'869	21%	332'206	24%	1'911	21%	<b>Total</b>	<b>1'901'180</b>	<b>100%</b>
11.2012	243'662	26%	1'556	22%	252'044	25%	1'614	22%			
12.2012	252'179	29%	1'637	24%	280'443	25%	1'679	23%			
<b>Total</b>	<b>1'753'406</b>	<b>26%</b>	<b>10'748</b>	<b>23%</b>	<b>1'901'180</b>	<b>25%</b>	<b>11'147</b>	<b>22%</b>			

Daily course of passengers at the Gates E on a reference day in the 2nd half-year 2012

Daily course of arriving and departing passengers at the Gates E,  
2nd half-year 2012 (reference day 21st of September 2012)



## Appendix

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### Explanation of graphics on pages 5-9

The tables on page 4 will be used as the basis for the graphic chart of passenger flows on pages 5-9. The graphics are based on the stated period of time for the document.

The graphics differentiate between departing and arriving local passengers, as well as arriving and departing transfer passengers.

### Departing local passengers, page 5

The numbers stated underneath the check-in areas show the total of passengers that have checked in at the respective check-in counter during the corresponding period of time.

After the check-in, several routes lead the passengers to one of the three different Boarding Pass Controls (BC). Which way the passengers use is based on the following experience:

**Check-in 1 → BC1 Economy / BC1 Priority, 1<sup>st</sup> floor**

= 100% of all passengers who have checked in at Check-in 1, plus 15% of all passengers who have used Check-in 3

**Check-in 2 → BC2, 2<sup>nd</sup> floor**

= 100% of all passengers who have checked in at Check-in 2, plus 85% of all passengers who have used Check-in 3.

**Check-in 3 → Check-in 1**

= 15% of all passengers who have checked in at Check-in 3.

**Check-in 3 → Check-in 2 (via Service Bridge)**

= 85% of all passengers who have checked in at Check-in 3.

According to which entry of the BC the passengers use can be differentiate in which area of the Airside Center they enter. The rotating arrow on the Airside Center shows how many departing local passengers are staying inside the Airside Center. However, we cannot determine the ways the passengers choose inside the Airside Center.

But, the flight numbers inform us about the departure gates of the passengers. Starting from the Airside Center the arrows show how many departing local passengers proceed to which gate. The percentage of the total volume of departing local passengers is additionally shown in brackets on the arrows.

**Arriving and departing transfer passengers, page 6-7**

The graphic on page 6 shows the total of arriving transfer passengers and the corresponding gates. The next graphic (page 7) indicates how many transfer passengers depart from which gate. The percentage of the total volume of transfer passengers is additionally shown in brackets on the arrows.

All transfer passengers arriving at a Non-Schengen gate as well as departing from a Non-Schengen gate do not enter the Airside Center.

The numbers on the rotating arrows at Gates A and E define the percentage of transfer passengers who stay in the dock and do not enter the Airside Center, due to short connection times. The following connection times apply:

- At Gates A 60 minutes
- At Gates E 3 hours

The rotating arrows inside the Airside Center define the number of transfer passengers inside the Airside Center. We cannot determine the ways the transfer passengers choose inside the Airside Center.

**Total departing passengers, page 8**

This graphic states the total number of departing local and transfer passengers by adding the total of departing local passengers (from page 5) to the total of departing transfer passengers (from page 7). The percentage of the total volume of total departing passengers is additionally shown in brackets on the arrows.

The number written on the rotating arrow at the Airside Center includes the departing local and transfer passengers who stay inside the Airside Center. The estimated total of transfer passengers who remain in the docks A and E due to short connection times is excluded. These totals are written on the rotating arrows of the respective docks. The estimated connection time for Gates A is 60 minutes, and for Gates E 3 hours. Furthermore excluded is the number of transfer passengers who proceed from one Non-Schengen gate to another Non-Schengen gate.

The arrows show the total of departing passengers who proceed from the Airside Center in the different areas.

**Arriving local passengers, page 9**

The arrows in this graphic indicate how many local passengers proceed from the gates to the arrival areas 1 or 2. The number below the arrival areas is the total of arriving local passengers. The percentage of the total volume of arriving local passengers is additionally shown in brackets on the arrows.



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