

# Gatwick Airport (LGW)

## Summer 2015 (S15)



### Start of Season Report

Report Date: Fri 13-Mar-2015

#### Headlines

	S15 Start	vs. S14 Start	vs. S14 End
Total Air Transport Movements (Passenger & Freight)	174,730	▲ 3.7%	▲ 4.9%
Total Passenger Air Transport Movements	174,730	▲ 3.7%	▲ 4.9%
Total Passenger Air Transport Movement Seats	32,445,002	▲ 4.7%	▲ 6.1%
Average Seats per Passenger Air Transport Movement	185.7	▲ 0.9%	▲ 1.1%
Percentage of allocated slots cleared as requested (OK)	91.9%		

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S14 scheduling season runs from Sun 30-Mar-2014 to Sat 25-Oct-2014 (210 days).

S15 scheduling season runs from Sun 29-Mar-2015 to Sat 24-Oct-2015 (210 days).

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# Peak Week - Allocation and Slot Adjustment Distribution by Operator

Schedule: S15 Start



Operator	S15 allocated ATMs	SLOT ADJUSTMENTS (MINUTES OFF REQUESTED TIME)														Requests with NO slot allocated	
		0	5	10	15	20	25	30	35	40	45	50	55	60	>60		
Adria Airways	6	66.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Aegean Airlines	10	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Aer Lingus	130	70.0%	3.8%	3.1%	3.8%	2.3%	1.5%	2.3%	1.5%	0.0%	0.0%	0.8%	3.8%	0.0%	0.0%	-	
Afriqiyah Airways	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Air Arabia	4	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	-	
Air China	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Air Europa	28	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Air Malta	14	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
AIR ONE SpA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Air Transat	46	76.1%	4.3%	6.5%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	-
AirBaltic	20	15.0%	15.0%	5.0%	0.0%	0.0%	0.0%	15.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Alitalia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aurigny Air Services	80	91.3%	8.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Belavia Belarussian Airlines	8	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
BH Air	6	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
British Airways	964	99.1%	0.5%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Caribbean Airlines	8	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Corendon Airlines	8	37.5%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2
Croatia Airlines	4	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
EasyJet	2,695	90.1%	3.8%	2.9%	0.6%	0.7%	0.3%	0.2%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	15
Emirates	42	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Evelop Airlines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flybe	38	73.7%	0.0%	0.0%	0.0%	26.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Freebird Airlines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GAMBIA BIRD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Garuda Indonesia	14	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Germania	58	77.6%	1.7%	0.0%	0.0%	0.0%	0.0%	1.7%	3.4%	0.0%	1.7%	0.0%	1.7%	1.7%	0.0%	0.0%	4
Hamburg Airways	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hi Fly Airline	2	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Iberia Express	28	17.9%	0.0%	0.0%	3.6%	25.0%	25.0%	0.0%	0.0%	3.6%	3.6%	3.6%	3.6%	0.0%	0.0%	0.0%	-
Icelandair	12	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Iraqi Airways	10	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Jetairfly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Livingston Compagnia Aerea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahan Air	8	12.5%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	2
Meridiana	20	90.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Monarch Airlines	290	96.9%	0.0%	0.7%	1.4%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	-
Montenegro Airlines	6	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2
National Aviation Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norwegian Air Shuttle	466	96.1%	0.0%	1.1%	0.2%	0.2%	1.3%	0.2%	0.2%	0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	-
Nouvelair	4	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	-
Onur Air	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pegasus Airlines	22	45.5%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	9.1%	0.0%	0.0%	0.0%	4.5%	0.0%	0.0%	0.0%	-
Royal Air Maroc	14	71.4%	0.0%	0.0%	7.1%	7.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Ryanair	110	77.3%	0.9%	0.9%	9.1%	2.7%	0.9%	0.0%	2.7%	0.0%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	2
SATA International	2	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Small Planet Airlines	50	72.0%	2.0%	0.0%	4.0%	0.0%	4.0%	2.0%	0.0%	4.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Smart Wings	8	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
SunExpress	4	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
TAP Portugal	62	77.4%	0.0%	0.0%	0.0%	0.0%	0.0%	9.7%	0.0%	3.2%	0.0%	6.5%	0.0%	0.0%	0.0%	0.0%	-
Thomas Cook (UK)	200	96.0%	0.0%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Thomson Airways	415	93.3%	1.4%	1.2%	1.4%	0.7%	0.2%	0.0%	0.0%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	2
Titan Airways	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tunisair	8	25.0%	0.0%	0.0%	12.5%	0.0%	37.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Turkish Airlines	56	87.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Ukraine International	28	75.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Vietnam Airlines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Atlantic	86	97.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Vueling	99	69.7%	12.1%	4.0%	0.0%	0.0%	2.0%	0.0%	0.0%	2.0%	0.0%	3.0%	0.0%	0.0%	0.0%	0.0%	-
WOW Air	16	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
<b>TOTAL</b>	<b>6,209</b>	<b>90.2%</b>	<b>2.5%</b>	<b>1.7%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.6%</b>	<b>0.4%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>1.8%</b>	<b>29</b>	

Operators with 0 'allocated ATMs' and 0 'Requests with NO slot allocated' in S15, are included in this list due to having slots allocated in either S14 Start or S14 End schedules.

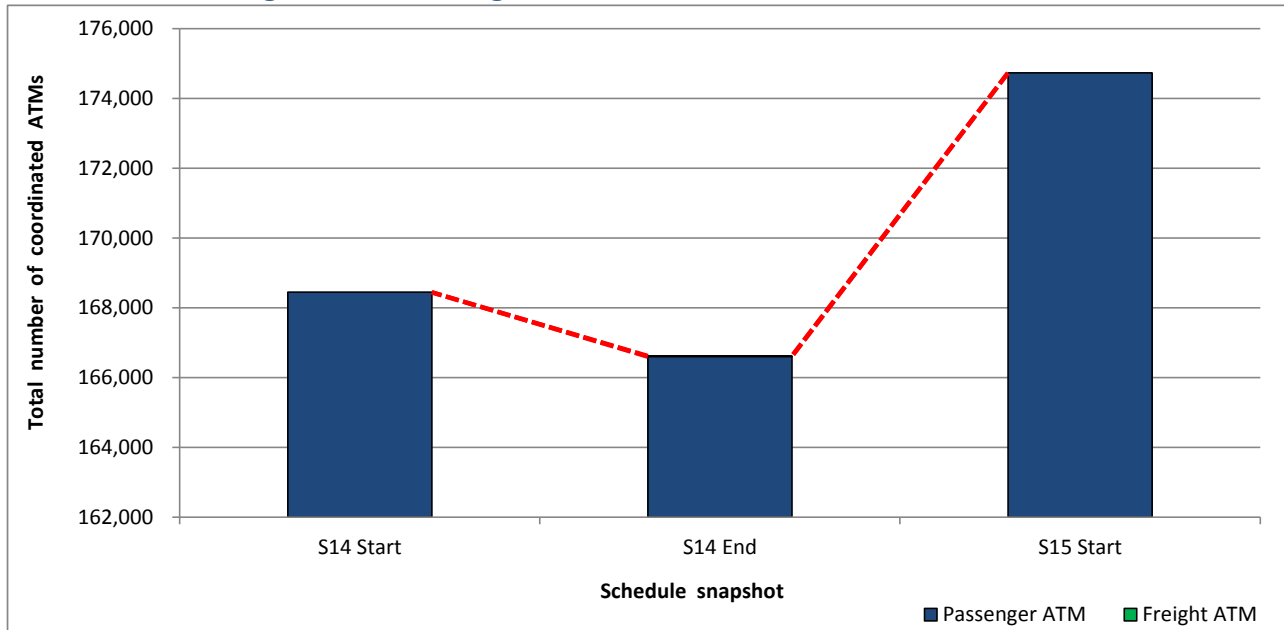
## Significant Route Changes

Operator	Category	Description of change from S14 schedule to S15 schedule
Aegean Airlines	<b>NEW</b>	Plan to commence JUN to OCT daily HER service
Aer Lingus	CHANGE	Daily services retimed following return of slots to BA
Caribbean Airlines	<b>NEW</b>	Plan to commence D4 service to POS
GAMBIA BIRD	<b>CANCELLED</b>	Airline has ceased trading
Garuda Indonesia	CHANGE	Plan to operate daily service from June
Iberia Express	<b>NEW</b>	Plan to commence 2x daily MAD service.
Icelandair	<b>NEW</b>	Plan to commence new D1 service to KEF
Icelandair	<b>NEW</b>	Plan to commence new D6 service from JUN
Monarch Airlines	CHANGE	Various changes to route network due airline restructure
Norwegian Air Shuttle	<b>NEW</b>	Plan to commence 6x weekly WAW service
Norwegian Air Shuttle	<b>NEW</b>	Plan to commence daily SXF service
Norwegian Air Shuttle	<b>NEW</b>	Plan to increase JFK frequency by 2x additional weekly services
Pegasus Airlines	<b>NEW</b>	Plan to commence 6x weekly service to SAW
Smart Wings	<b>NEW</b>	Plan to commence 4x weekly service to PRG
Turkish Airlines	CHANGE	Daily SAW service change. Operates SAW - IST (1st A/C) then IST - SAW (2nd A/C)
Vietnam Airlines	<b>CANCELLED</b>	Operator moved to LHR
Vueling	<b>NEW</b>	Plan to commence daily BIO service
Vueling	<b>NEW</b>	Plan to commence daily FCO service

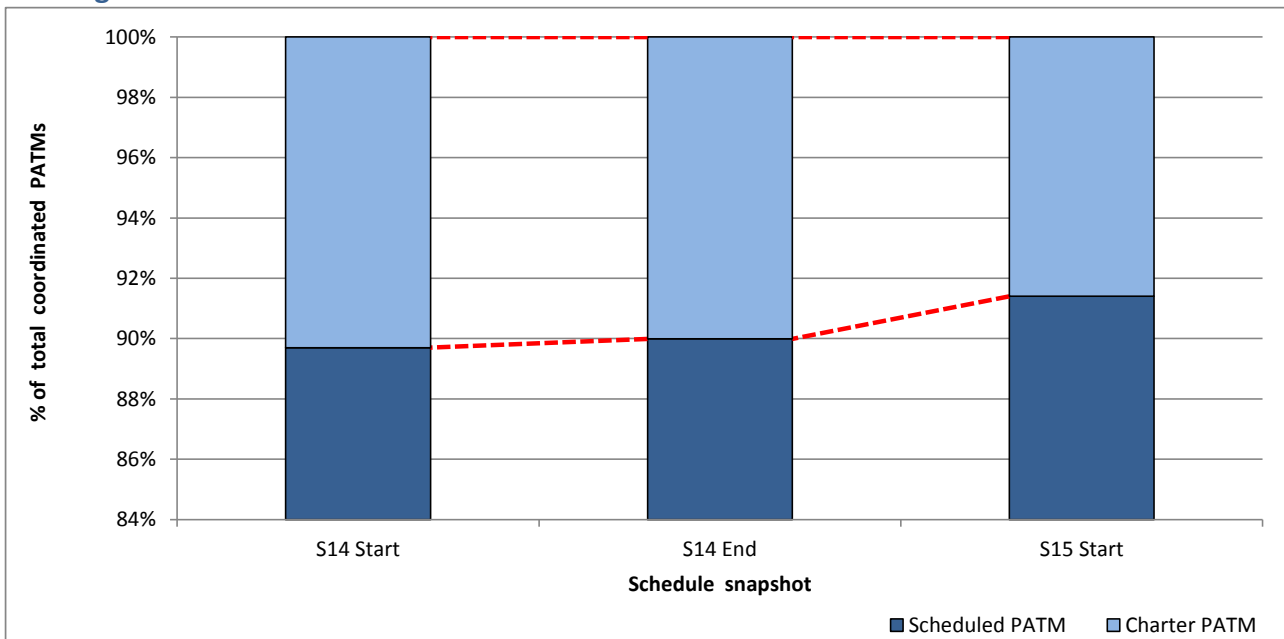
# Full Season - ATM Analysis



## Total ATMs: Passenger ATMs vs. Freight ATMs



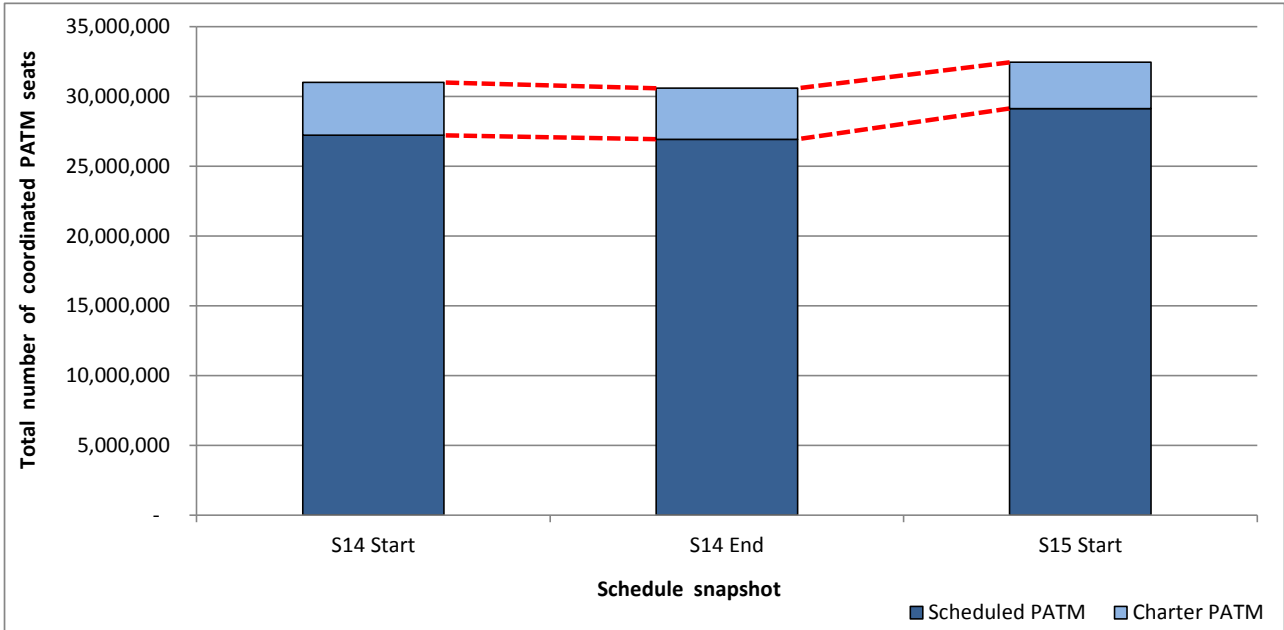
## Passenger ATMs: Scheduled vs. Charter



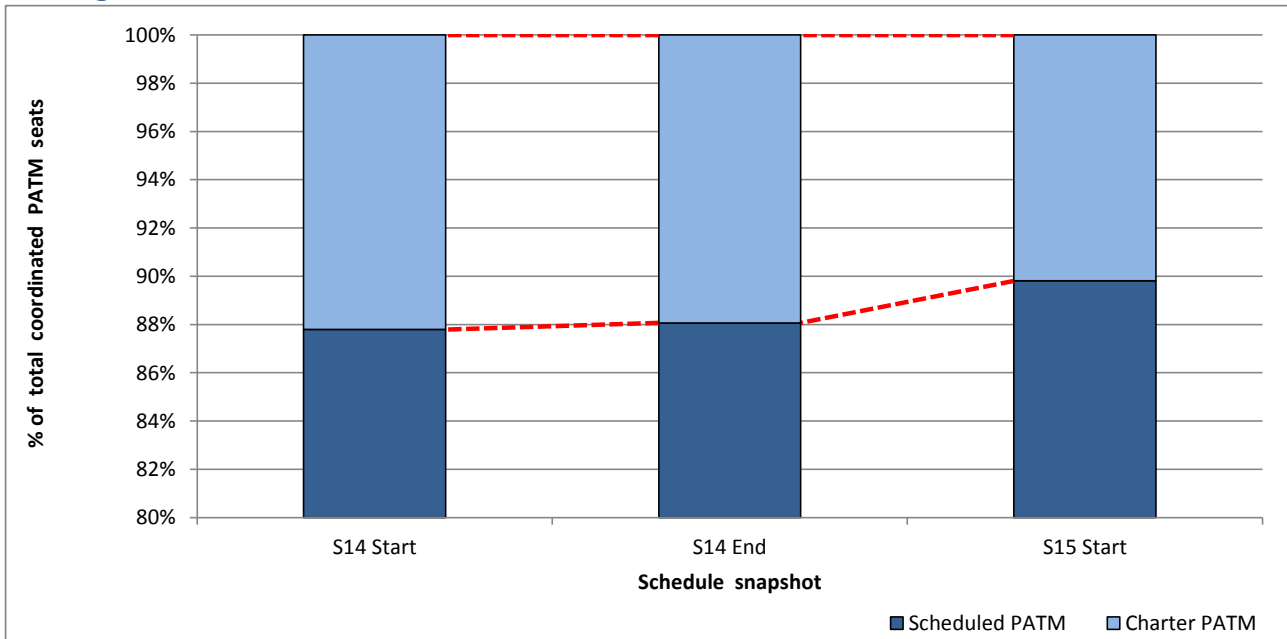
# Full Season - PATM Seats Analysis



**Total Passenger ATM seats: Scheduled vs. Charter**



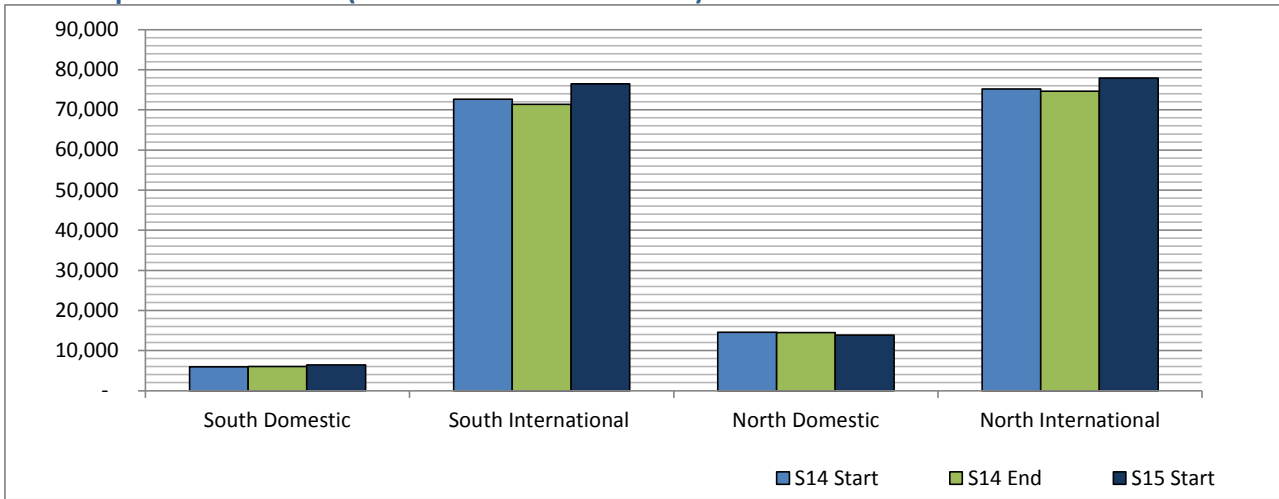
**Passenger ATM seats: Scheduled vs. Charter**



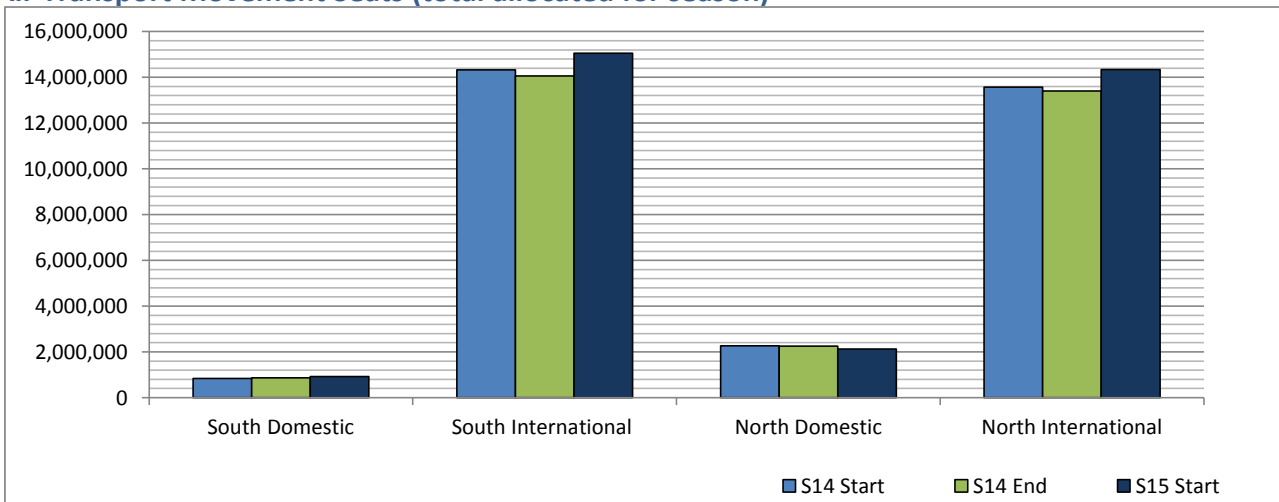
# Full Season - Terminal Analysis



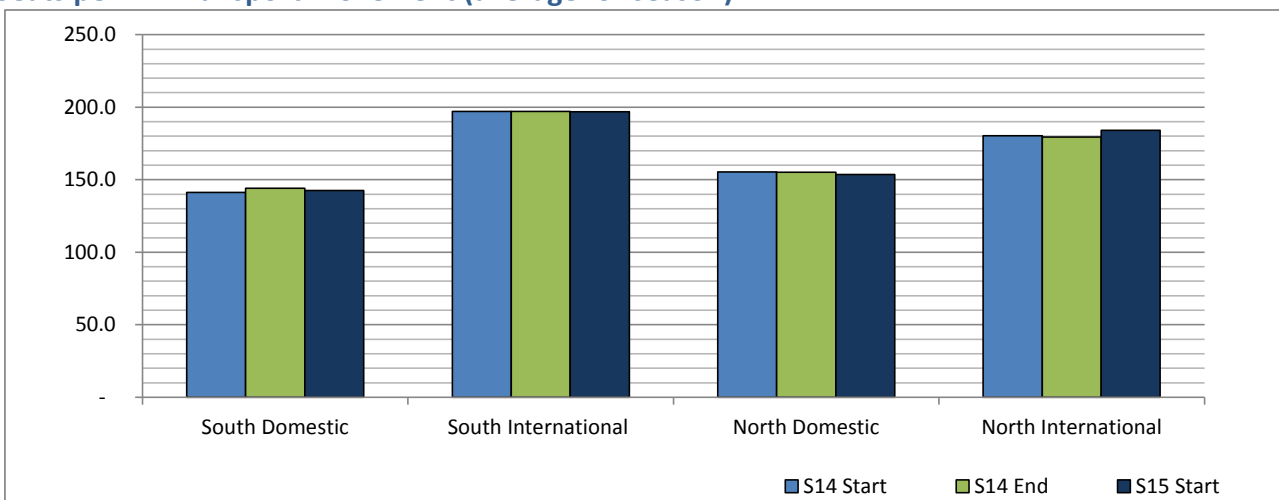
## Air Transport Movements (total allocated for season)



## Air Transport Movement Seats (total allocated for season)



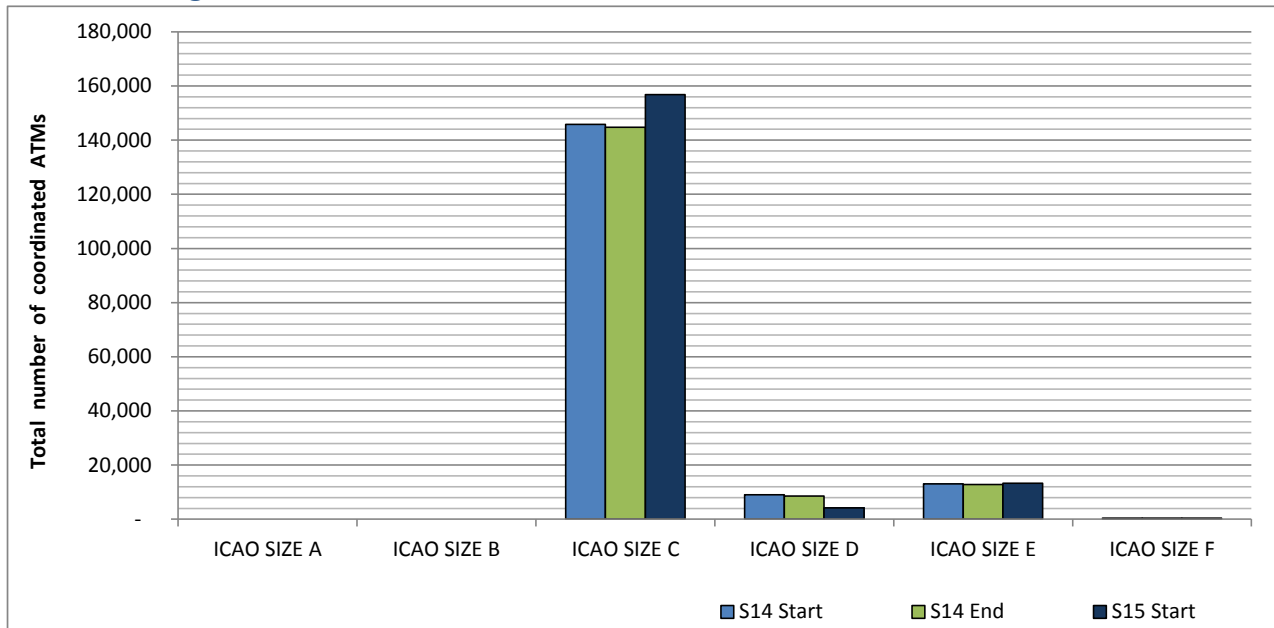
## Seats per Air Transport Movement (average for season)





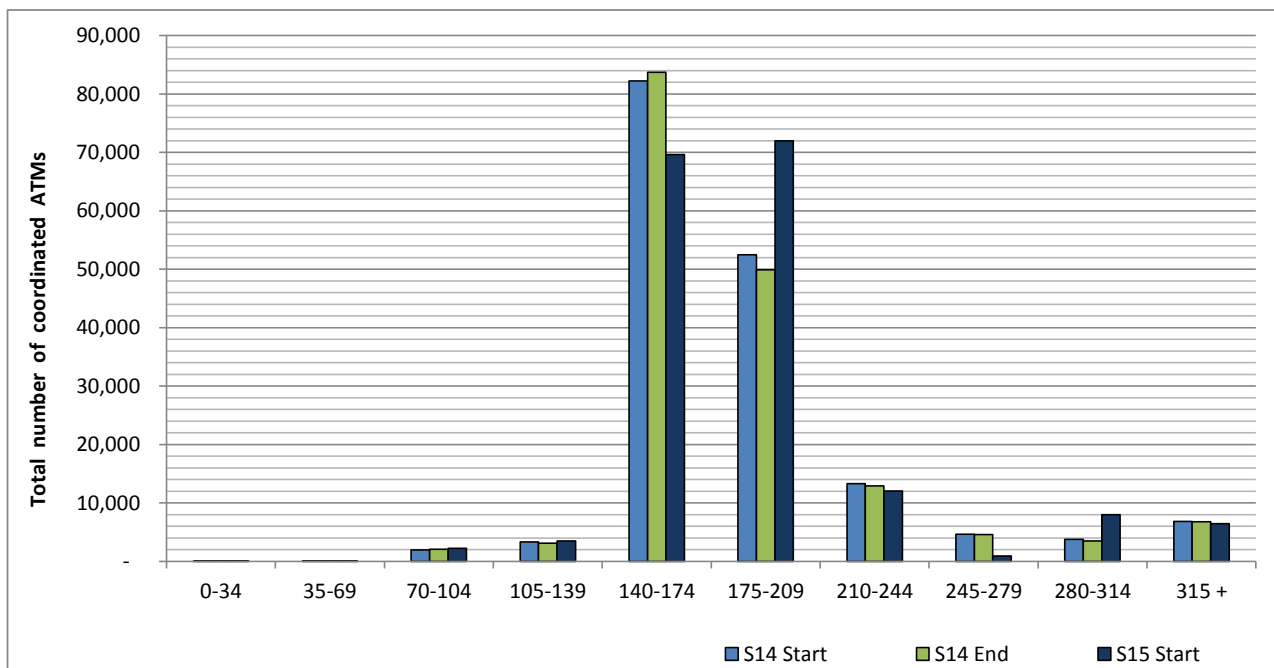
# Full Season - Aircraft Size Analysis

## ICAO size designation



Note: See Glossary for definitions of ICAO SIZE groupings

## Air Transport Movement seat distribution

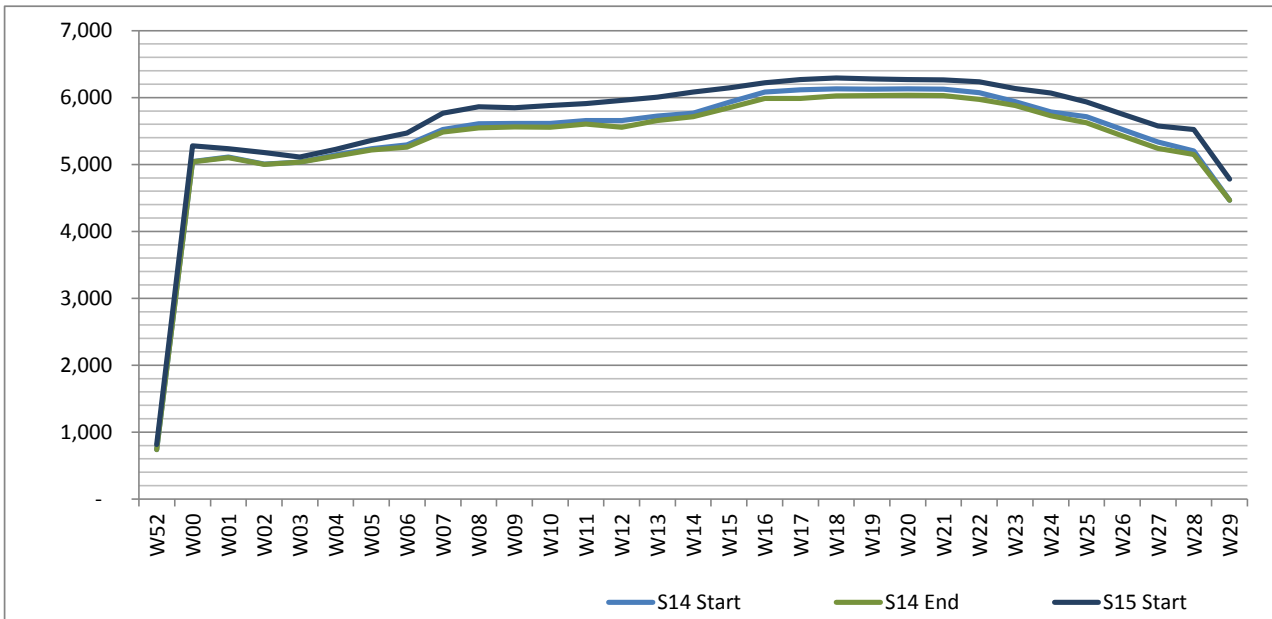


Note: FREIGHT-ONLY services with 0 seats are included in the first seat band '0-34'

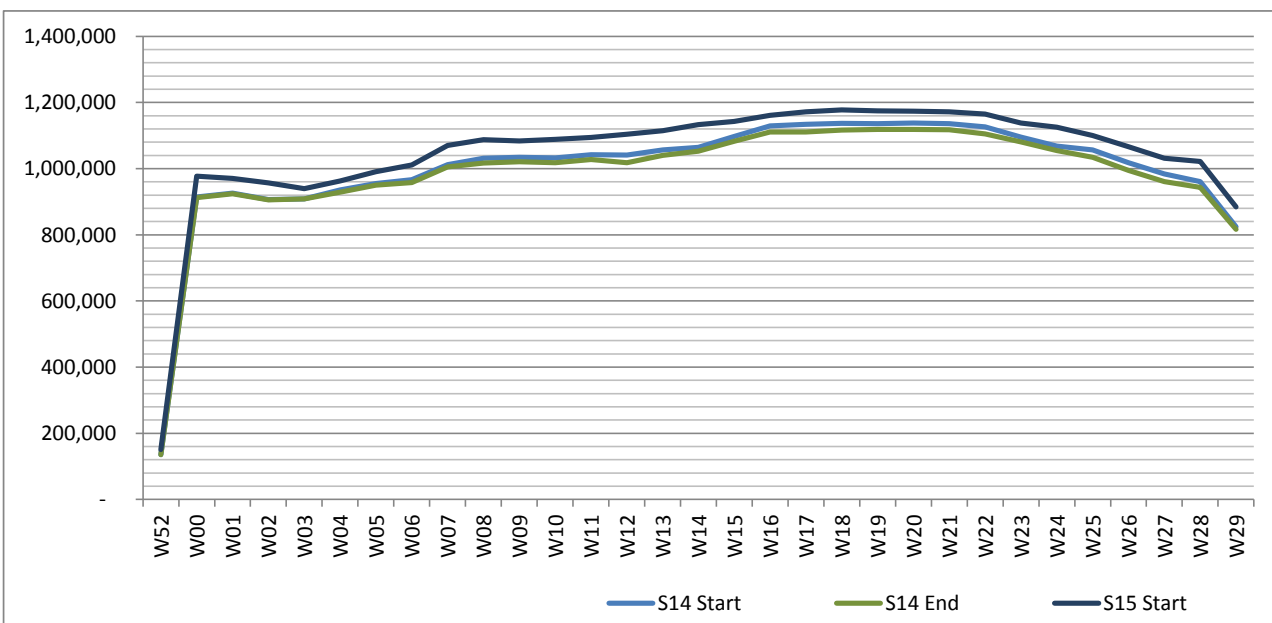
# Full Season - Seasonality



**Air Transport Movements by week of season**



**Air Transport Movement Seats by week of season**



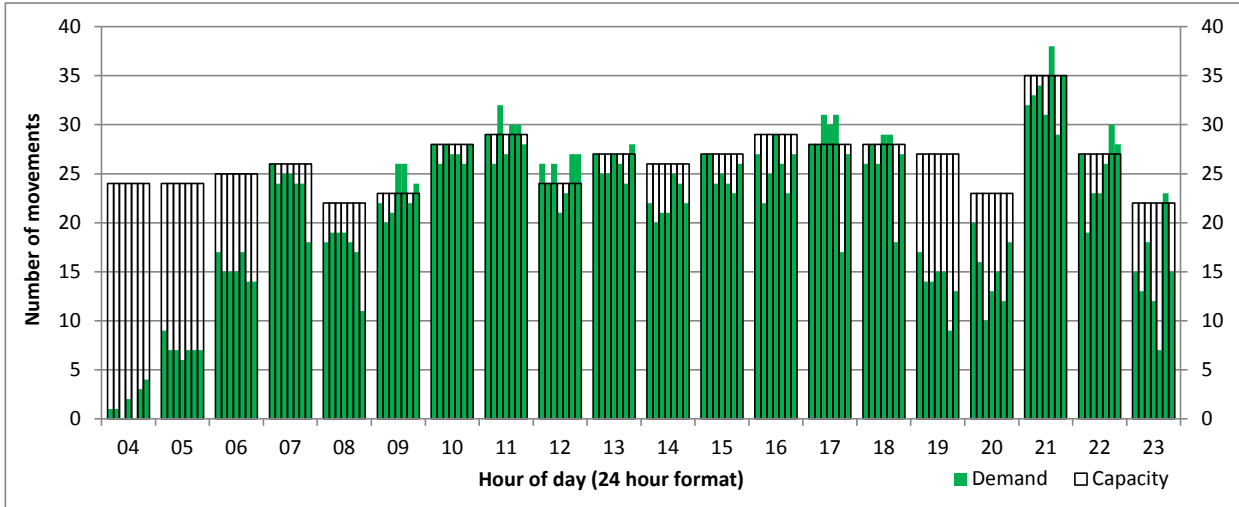
# Peak Week - Hourly Runway Demand

Schedule: S15 Start



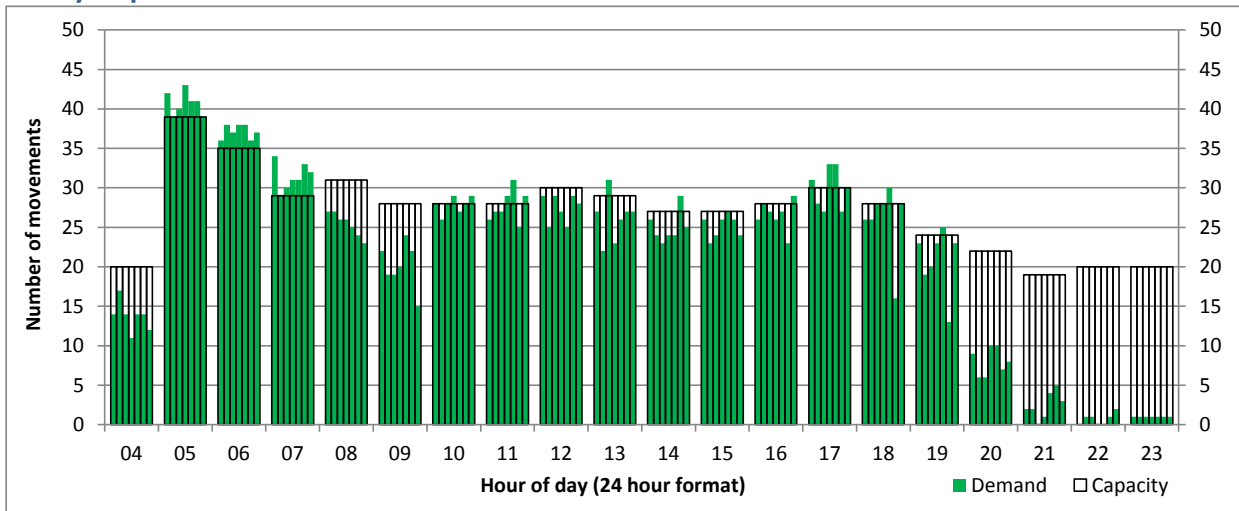
## Hourly Arrival Demand

Time: UTC



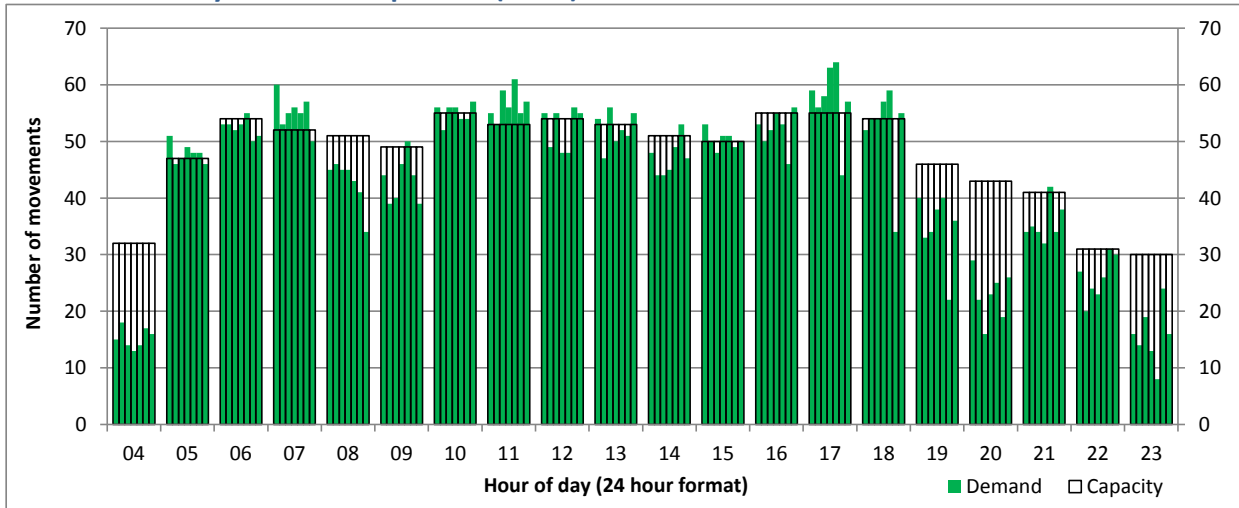
## Hourly Departure Demand

Time: UTC



## Combined Hourly Arrival & Departure (Total) Demand

Time: UTC



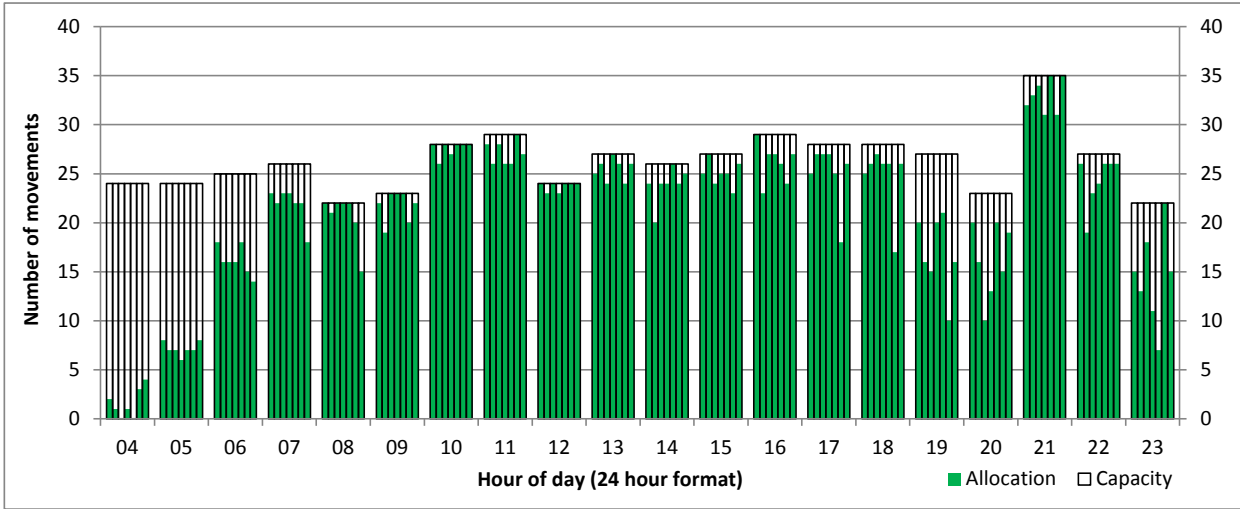
# Peak Week - Hourly Runway Allocation

Schedule: S15 Start



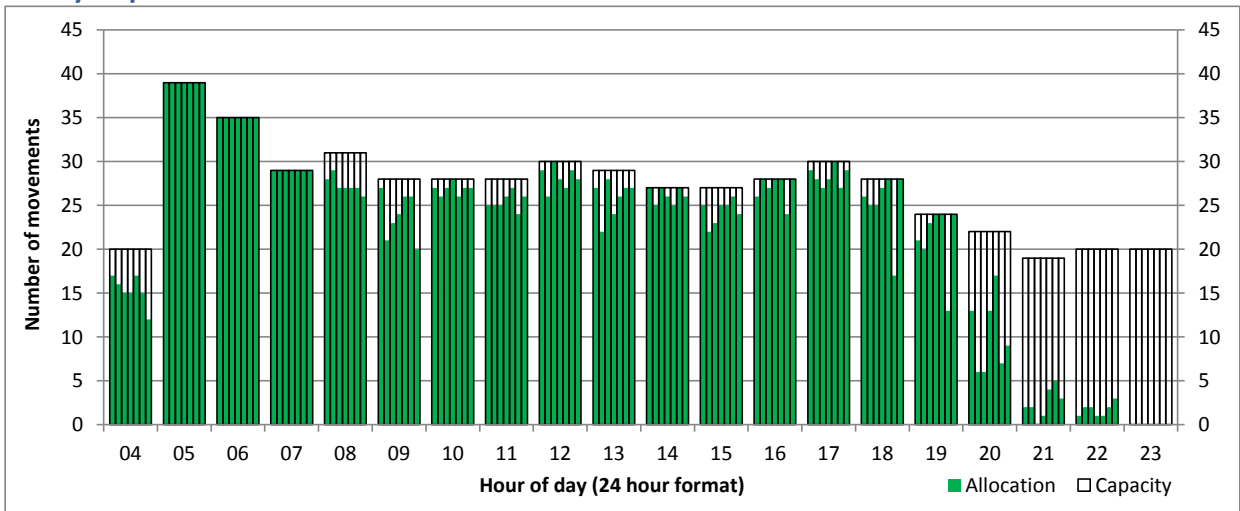
## Hourly Arrival Allocation

Time: UTC



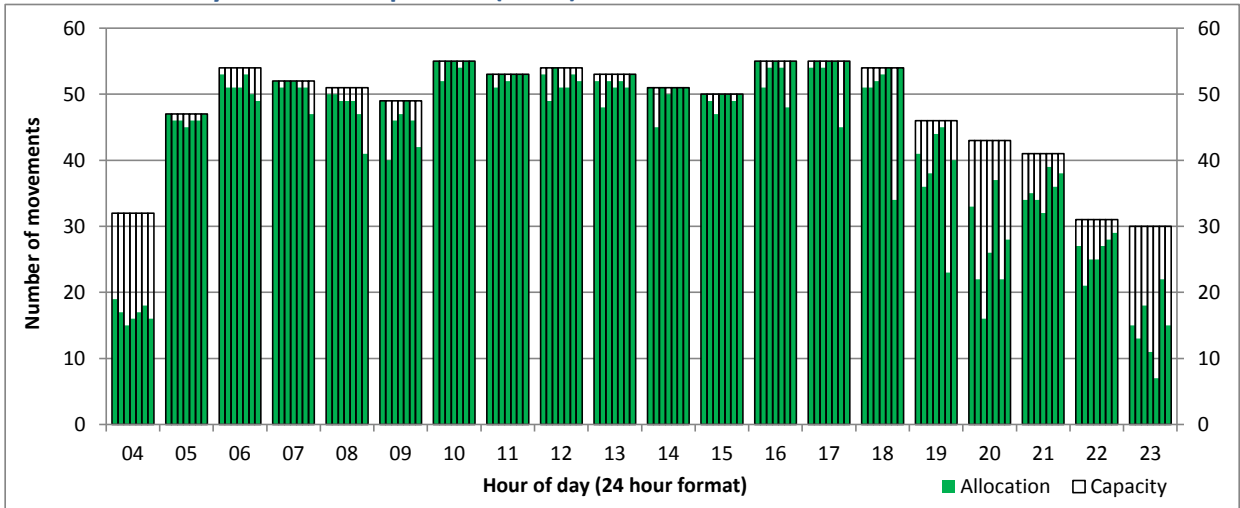
## Hourly Departure Allocation

Time: UTC



## Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



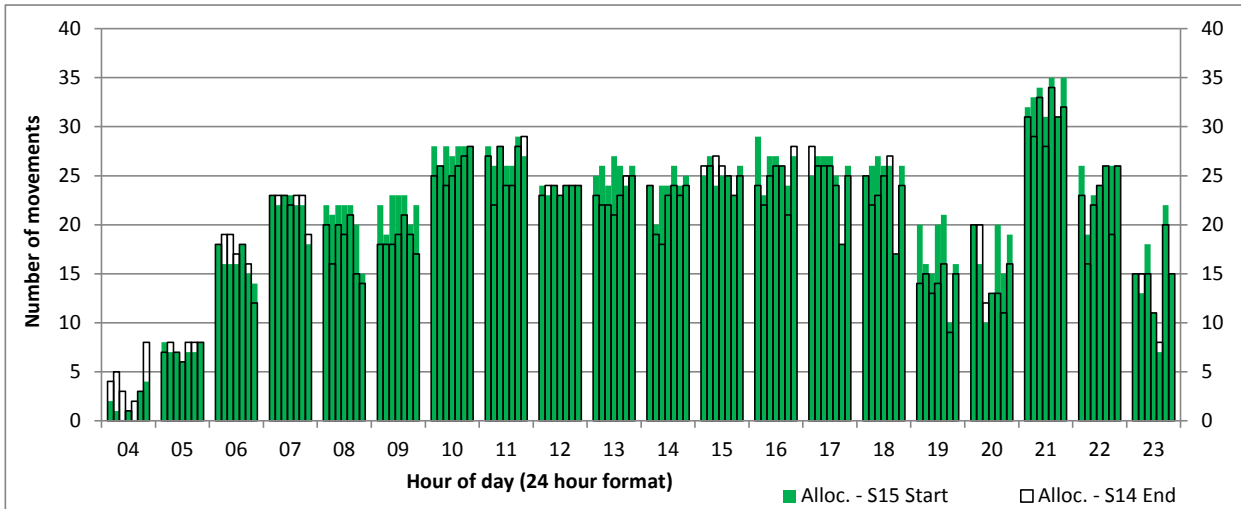
# Peak Week - Runway Allocation Comparison

Comparison of S15 Start vs. S14 End



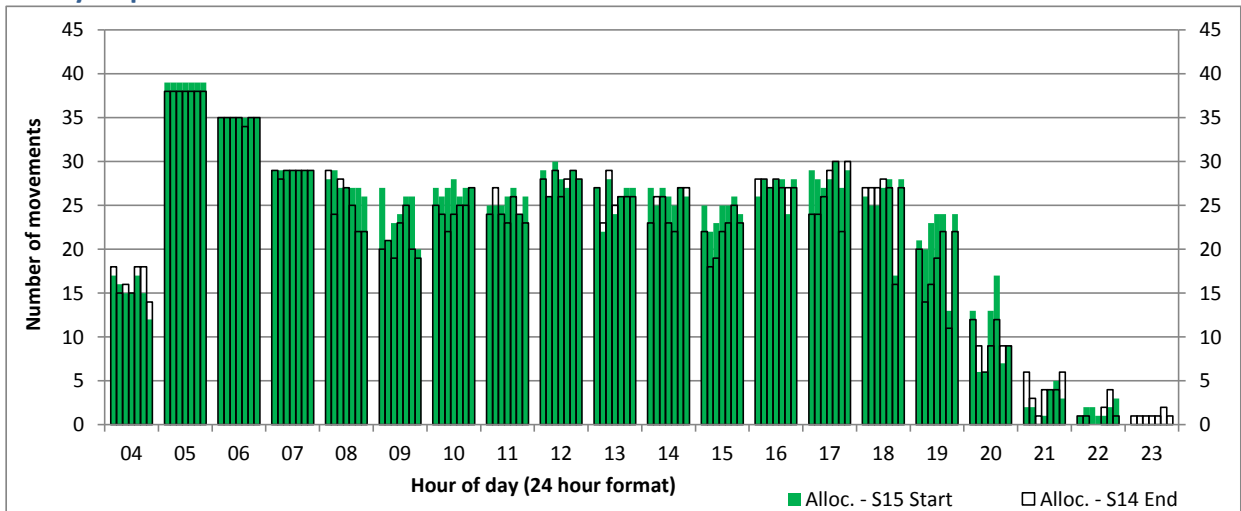
## Hourly Arrival Allocation

Time: UTC



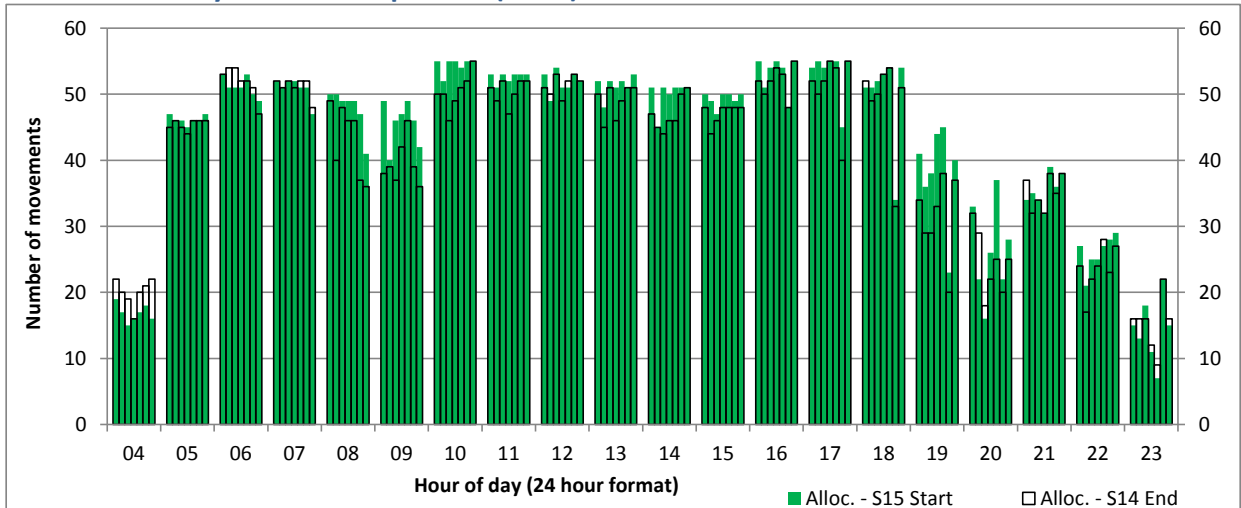
## Hourly Departure Allocation

Time: UTC



## Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



# Peak Week - Passengers Histogram

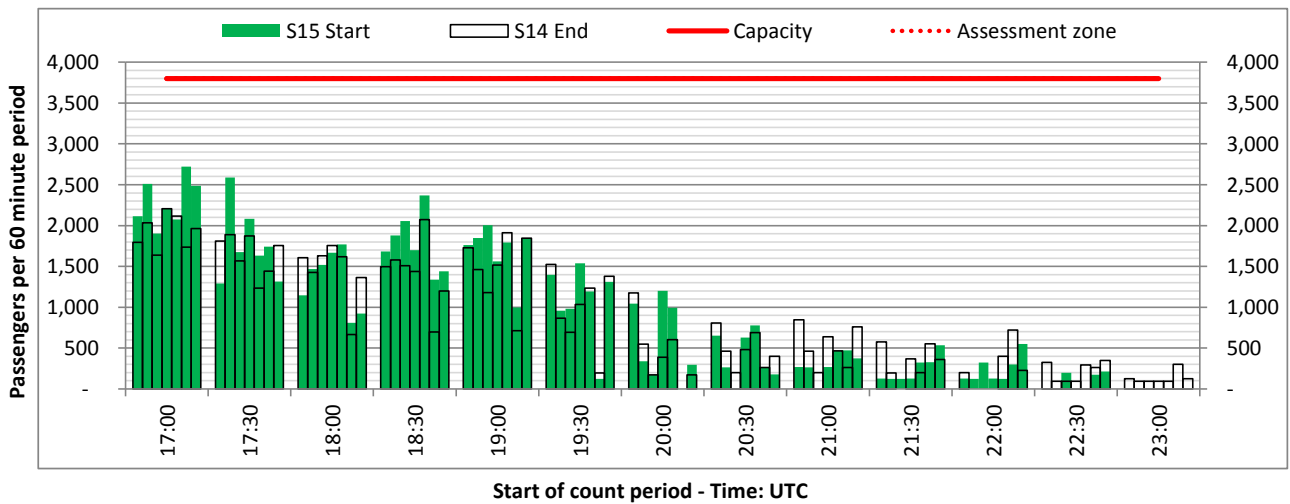
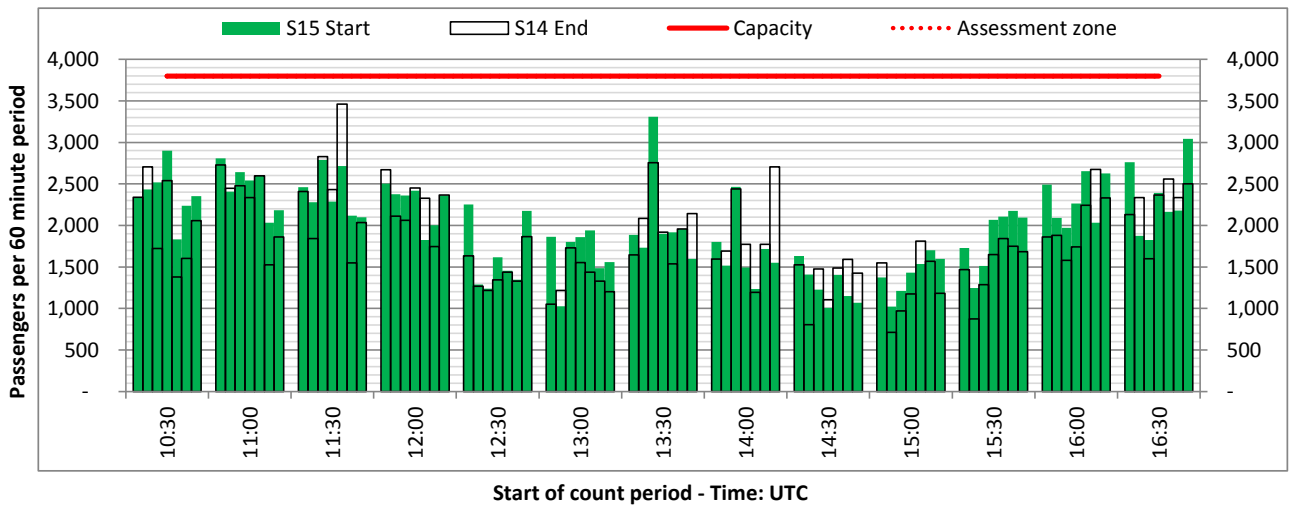
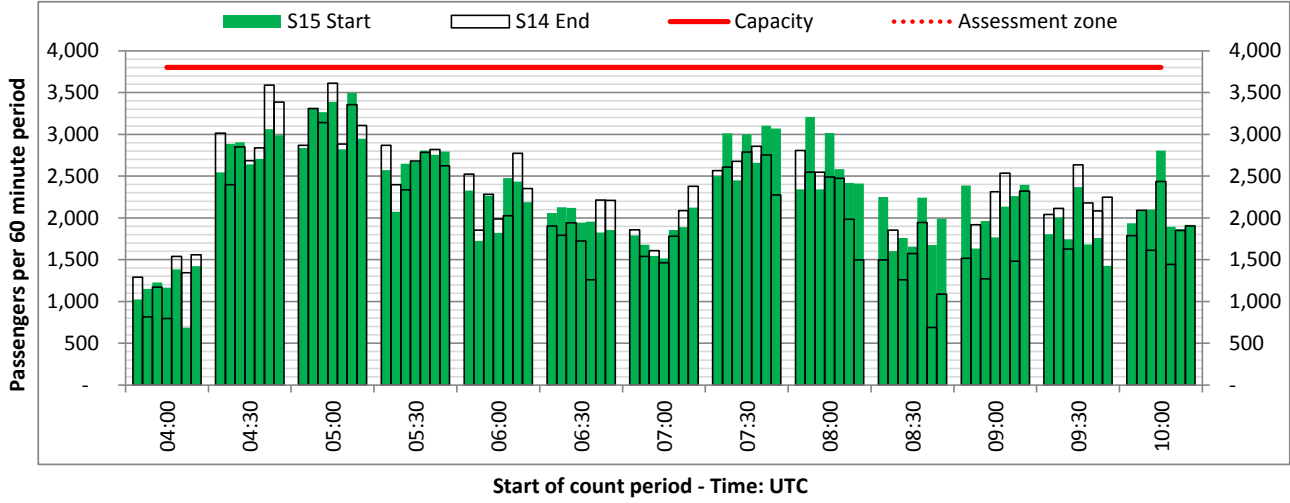
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals:

Operators: All Operators

Days: 1234567



# Peak Week - Passengers Histogram

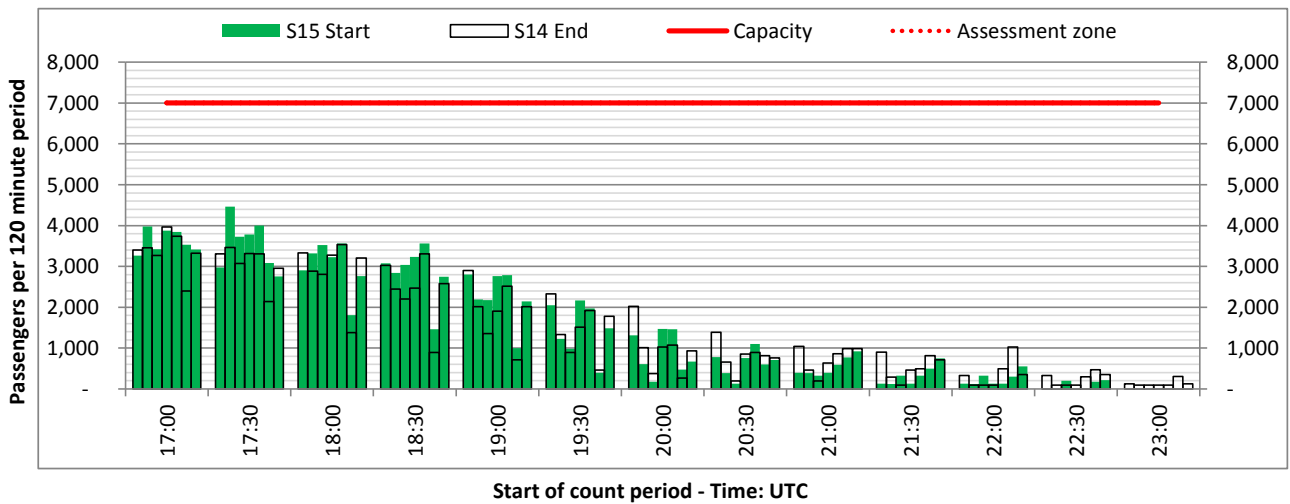
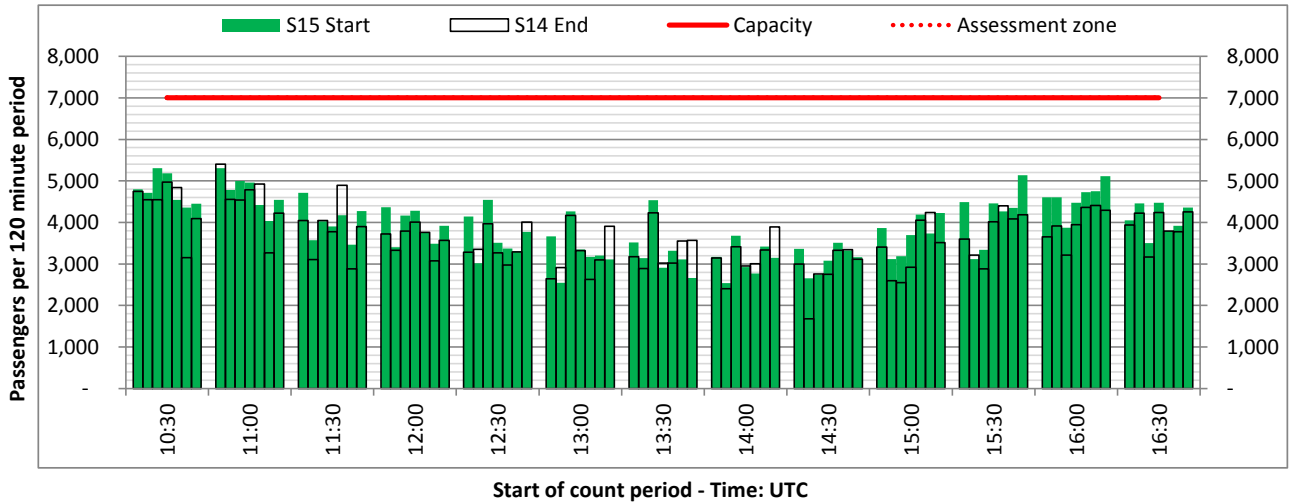
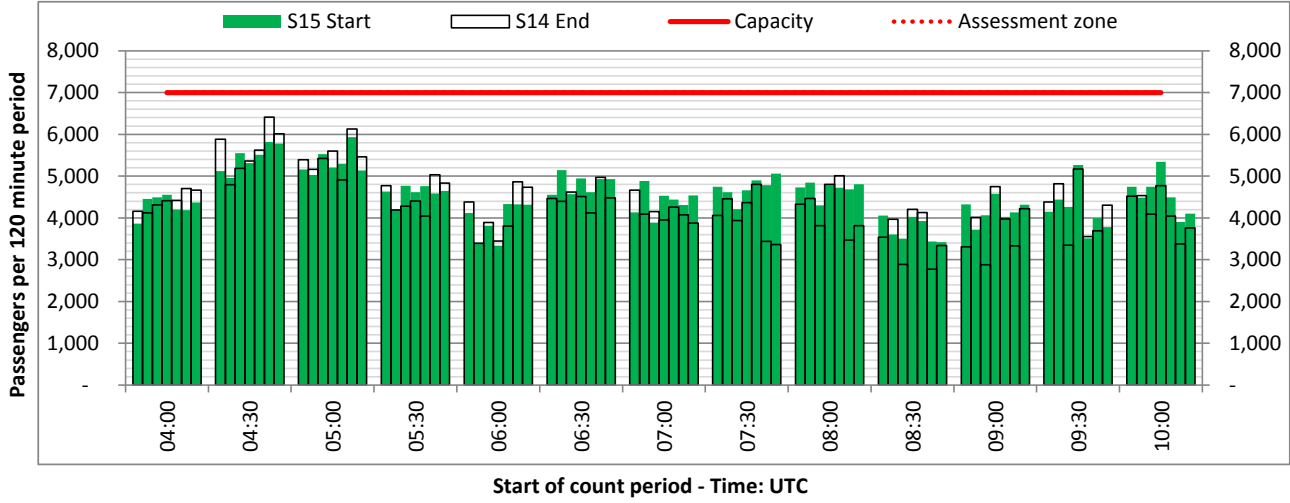
DEPARTURE - 120 minute count rolling every 30 mins (T120/30)



Terminals:

Operators: All Operators

Days: 1234567



# Peak Week - Passengers Histogram

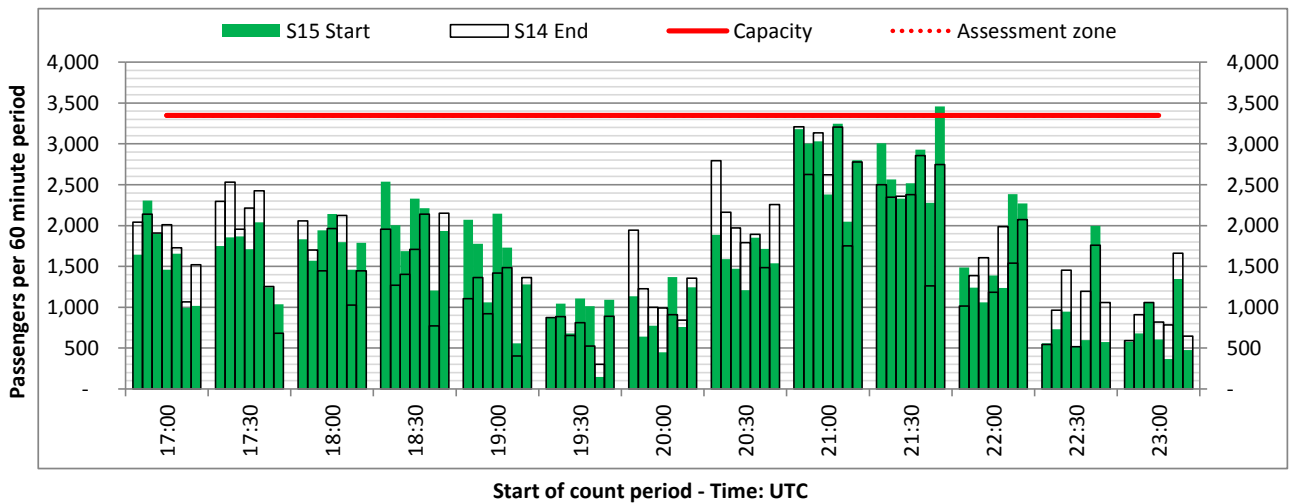
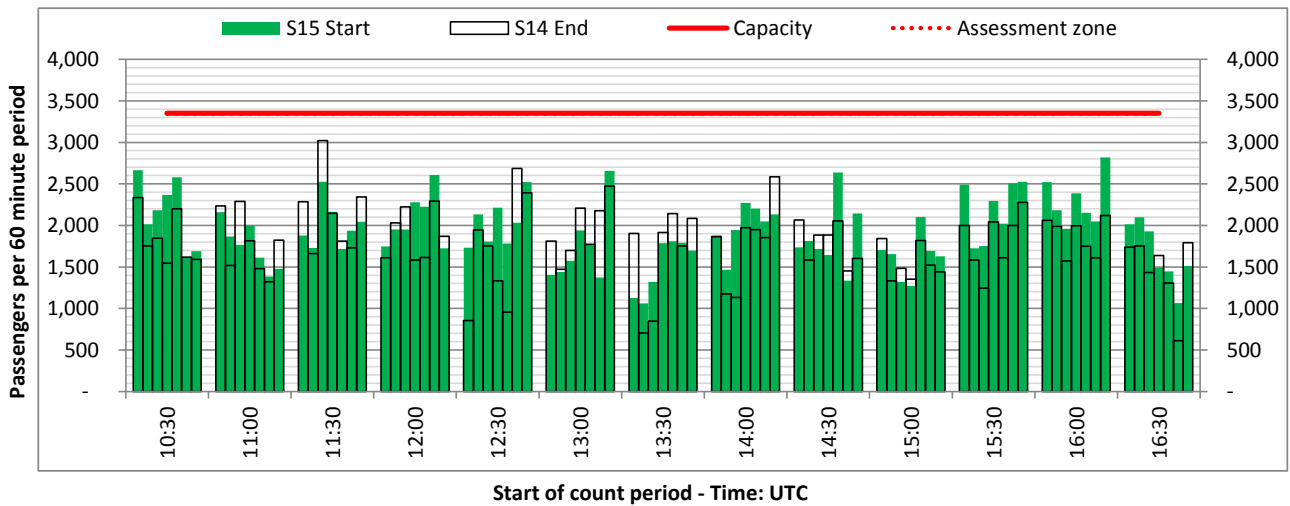
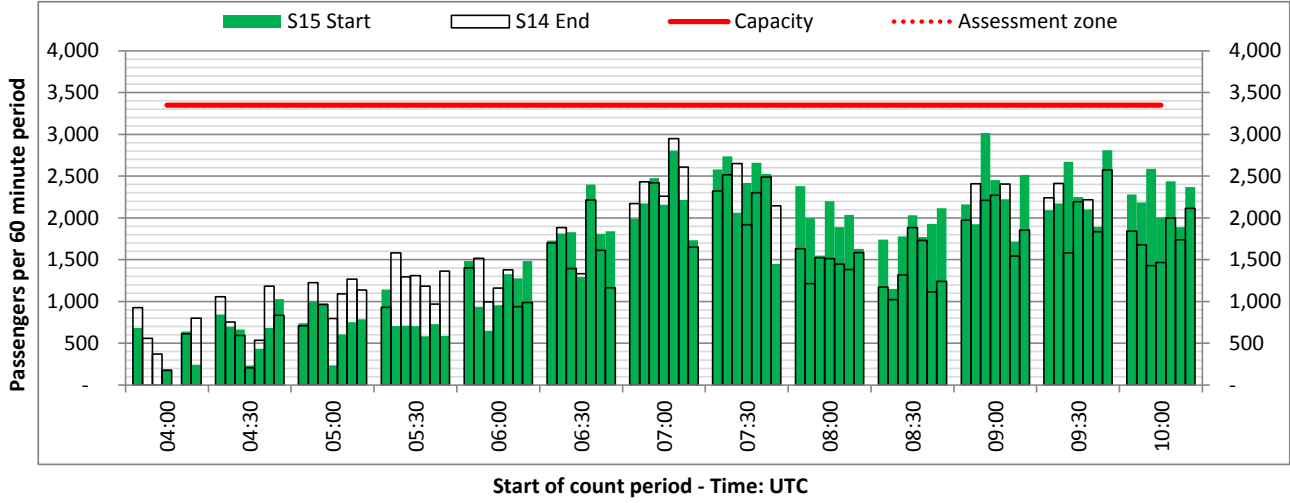
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals:

Operators: All Operators

Days: 1234567





# Peak Week - Passengers Histogram

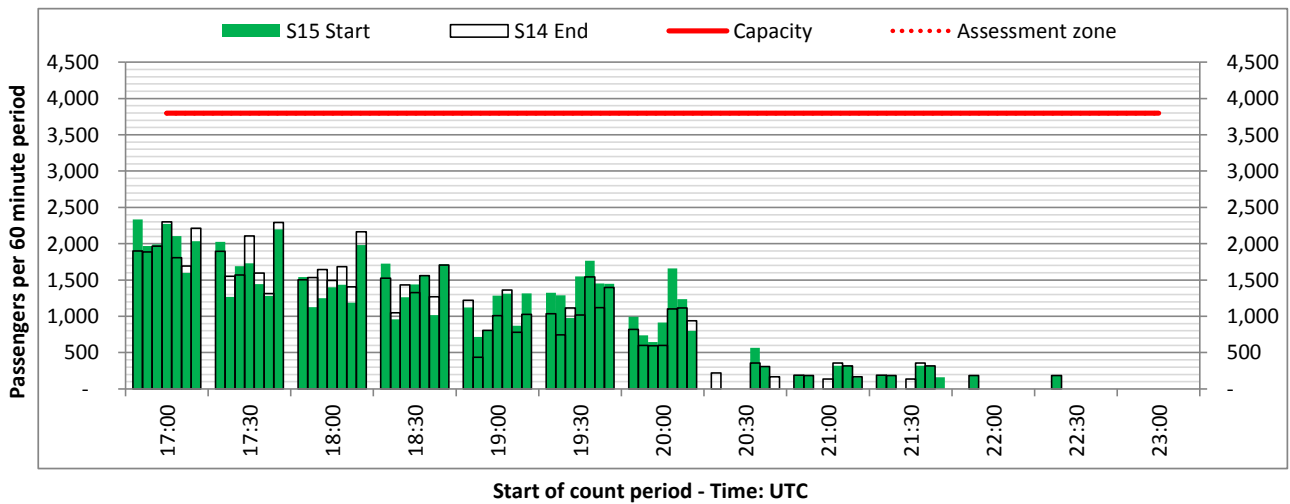
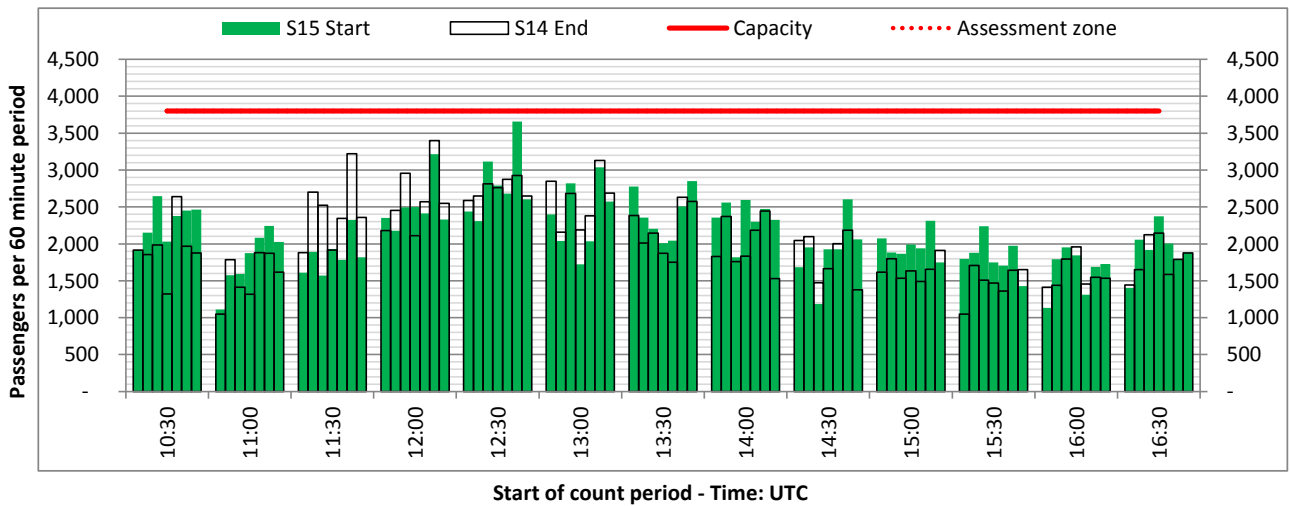
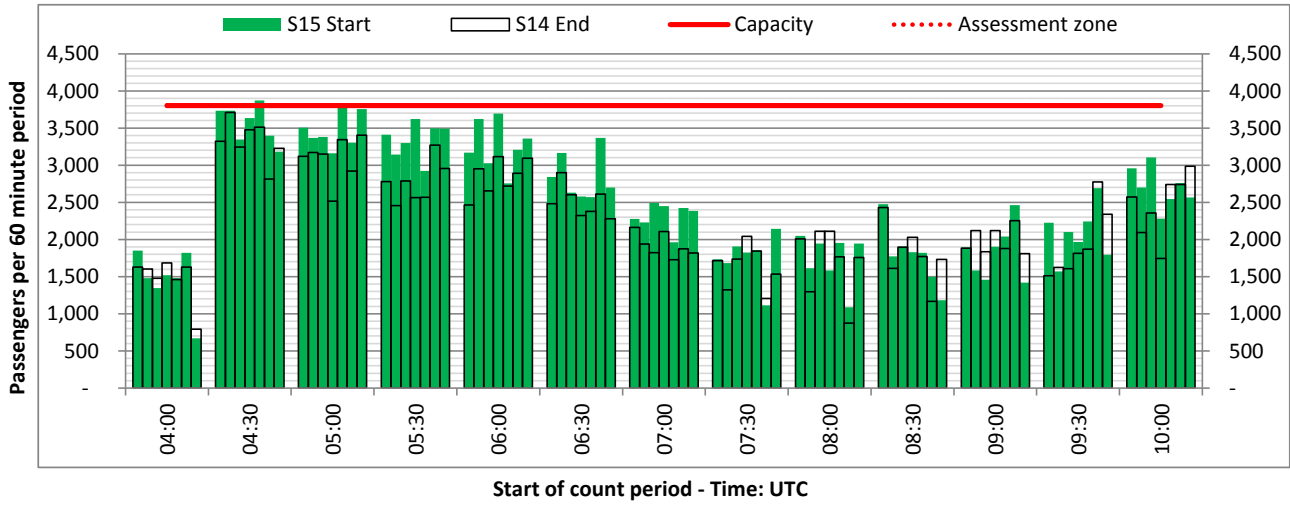
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals:

Operators: All Operators

Days: 1234567



# Peak Week - Passengers Histogram

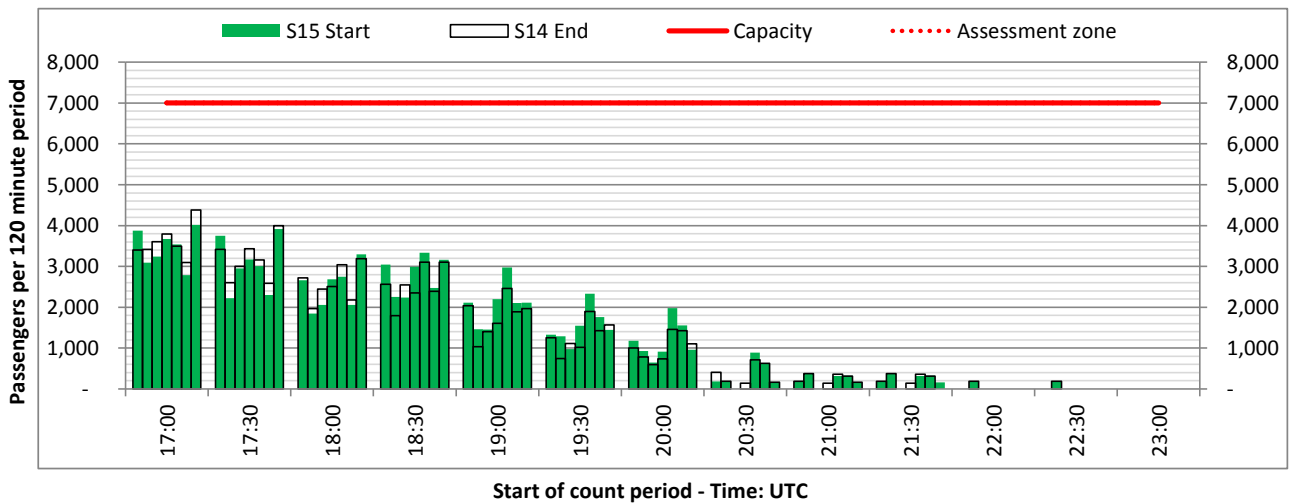
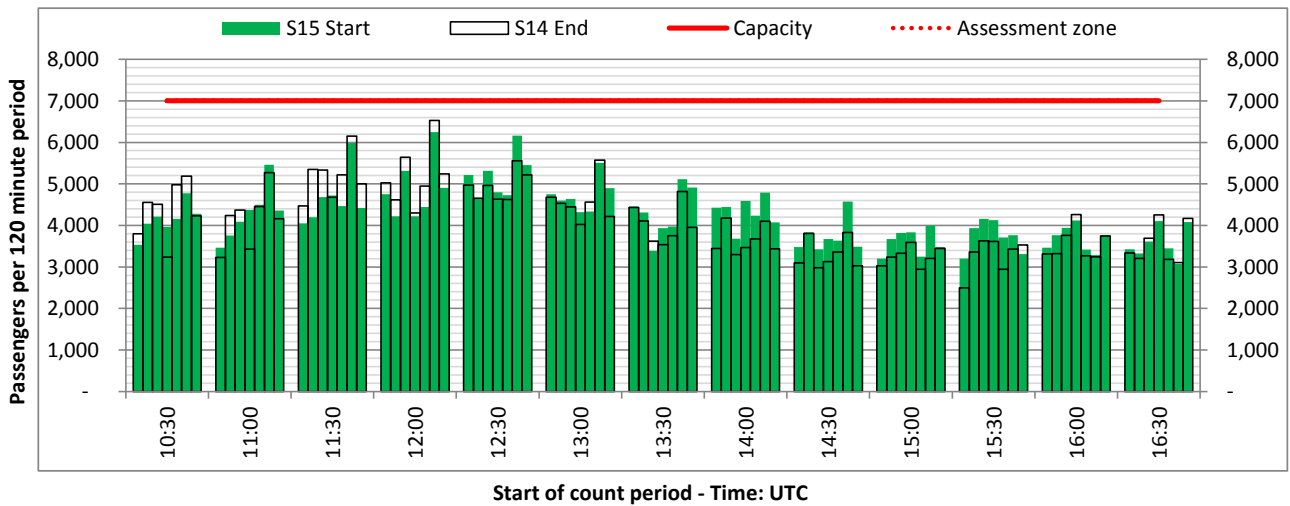
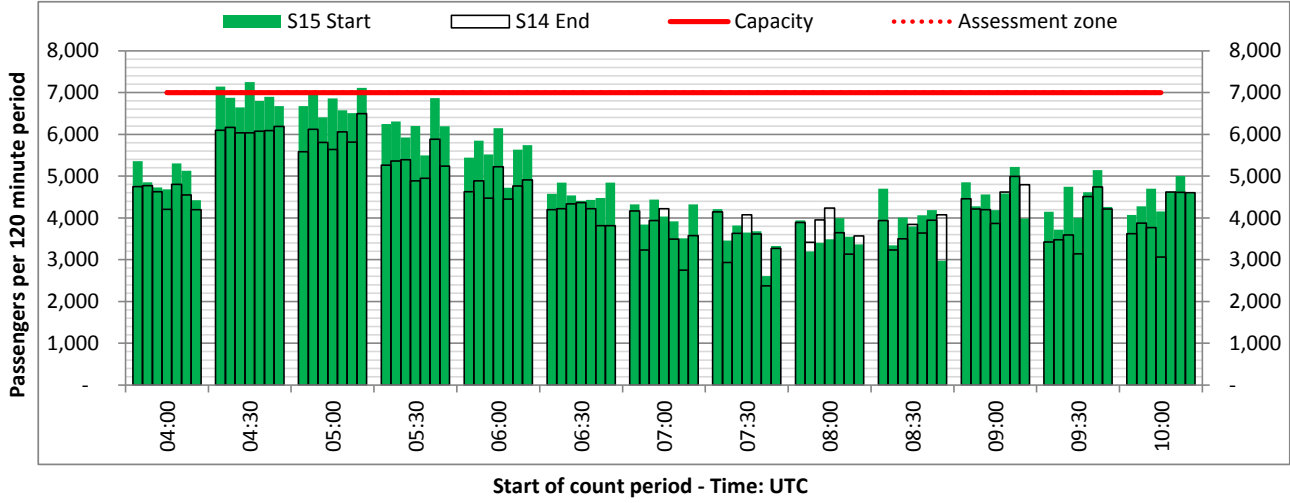
DEPARTURE - 120 minute count rolling every 30 mins (T120/30)



Terminals:

Operators: All Operators

Days: 1234567



# Peak Week - Passengers Histogram

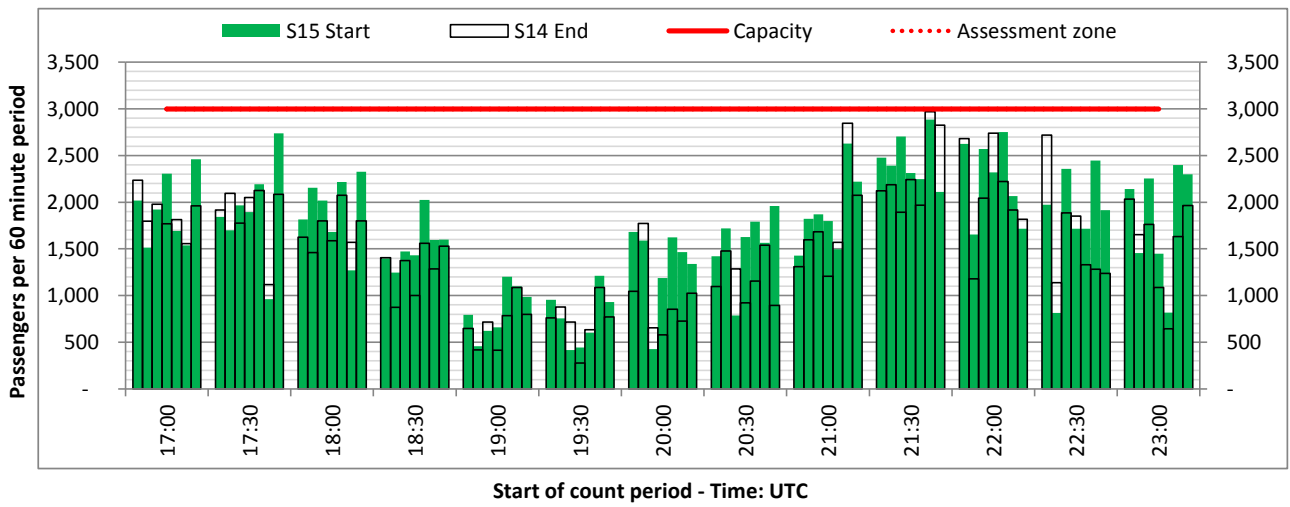
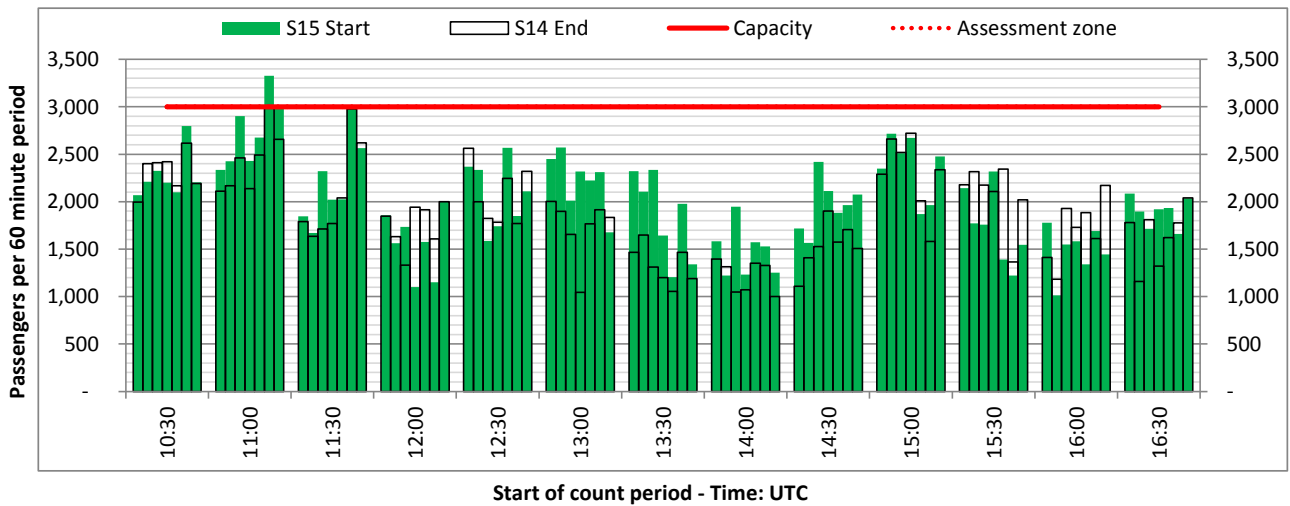
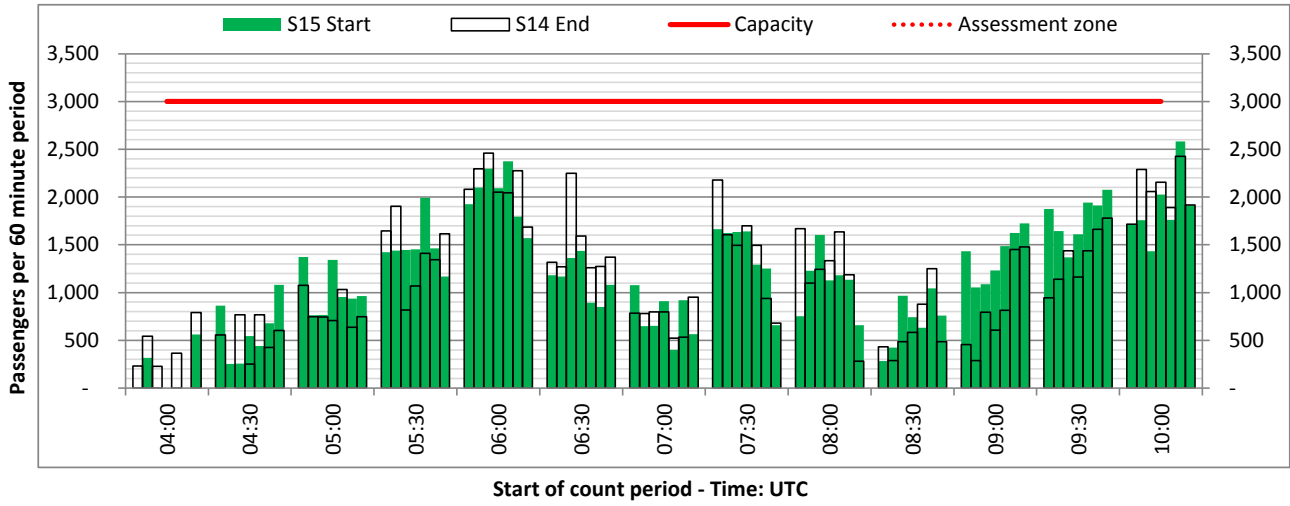
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals:

Operators: All Operators

Days: 1234567



<b>Air Transport Movement (ATM)</b>	Any aircraft movement which is either a scheduled or chartered passenger or cargo flight.
<b>Common Travel Area (CTA)</b>	Origin or Destination is in Republic of Ireland or the Channel Islands.
<b>Demand</b>	Unconstrained demand before any schedule adjustments have been made.
<b>"Fill-in"</b>	These are gaps in a historic series of slots which the carrier requests to "Fill-in" at Initial Submissions - Fill-ins will be recognisably part of the historic series and will have the same flight details to qualify as a "Fill-in".
<b>Hist (SHL)</b>	Snapshot of historic schedule rolled over from end of the previous equivalent season - as advised to airlines in the SHLs.
<b>ICAO Size A</b>	Aircraft with wingspan between 0.00m - 14.99m.
<b>ICAO Size B</b>	Aircraft with wingspan between 15.00m - 23.99m.
<b>ICAO Size C</b>	Aircraft with wingspan between 24.00m - 35.99m.
<b>ICAO Size D</b>	Aircraft with wingspan between 36.00m - 51.99m.
<b>ICAO Size E</b>	Aircraft with wingspan between 52.00m - 64.99m.
<b>ICAO Size F</b>	Aircraft with wingspan between 65.00m - 80.00m.
<b>Init Coord</b>	Snapshot of schedule immediately after Initial Coordination is completed - as advised to airlines in the SALs.
<b>Passenger Air Transport Movement (PATM)</b>	Any aircraft movement which is either a scheduled or chartered passenger flight.
<b>Start</b>	Snapshot of schedule shortly before the start of the scheduling season (exact date given below where used).
<b>Time: Local</b>	Times shown are in LOCAL time for the airport/scheduling season.
<b>Time: UTC</b>	Times shown are in Universal Time Constant (UTC).

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## Data snapshot descriptions

<b>S14 Start</b>	S14 schedule as cleared on Sun 30-Mar-14.
<b>S14 End</b>	S14 schedule as cleared on Sun 26-Oct-14.
<b>S15 Start</b>	S15 schedule as cleared on Wed 11-Mar-15.
<b>Peak Week</b>	Peak week for S14 is Mon 18-Aug-14 to Sun 24-Aug-14. Peak week for S15 is Mon 17-Aug-15 to Sun 23-Aug-15.

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## For ACL use

	Airport-Season-Branch-Resource	From date	To date	Time
Full Season Rep 1	LGW-S14-Start-Standard	Sun 30-Mar-2014	Sat 25-Oct-2014	UTC
Full Season Rep 2	LGW-S14-Live-Standard	Sun 30-Mar-2014	Sat 25-Oct-2014	UTC
Full Season Rep 3	LGW-S15-SOS Report-Standard	Sun 29-Mar-2015	Sat 24-Oct-2015	UTC
	Airport-Season-Branch-Resource	From date	To date	Time
Peak Week Rep 1	LGW-S14-Start-Standard	Mon 18-Aug-2014	Sun 24-Aug-2014	UTC
Peak Week Rep 2	LGW-S14-Live-Standard	Mon 18-Aug-2014	Sun 24-Aug-2014	UTC
Peak Week Rep 3	LGW-S15-SOS Report-Standard	Mon 17-Aug-2015	Sun 23-Aug-2015	UTC