

Dubai International Airport (DXB)

Summer 2018 (S18)



Start of Season Report

Report Date: Mon 19-Mar-2018

Headlines

	S18 Start	vs. S17 Start	vs. S17 End
Total Air Transport Movements (Passenger & Freight)	275,573	▲ 3.3%	▲ 16.0%
Total Passenger Air Transport Movements	270,493	▲ 3.0%	▲ 15.9%
Total Passenger Air Transport Movement Seats	79,897,934	▲ 2.5%	▲ 13.1%
Average Seats per Passenger Air Transport Movement	295	▼ -0.5%	▼ -2.4%
Percentage of allocated slots cleared as requested (OK)	95.0%		

Contents

Page Content

2	Runway Scheduling Limits
3	ATM Allocation by Operator (Full season and Peak Week Comparison)
4	Peak Week - Allocation and Slot Adjustment Distribution by Operator
5	Significant Route Changes
6	Full Season - ATM Analysis
7	Full Season - PATM Seats Analysis
8	Full Season - Terminal Analysis
9	Full Season - Aircraft Size Analysis
10	Full Season - Seasonality
11	Peak Week - Hourly Runway Demand
12	Peak Week - Hourly Runway Allocation
13	Peak Week - Hourly Runway Allocation Comparison (S18 Start vs. S17 Start)
14	Peak Week - Hourly Runway Allocation Comparison (S18 Start vs. S17 End)
15	Peak Week Histogram - Arrival Movements (R10) - All Terminals DXB - All Operators
16	Peak Week Histogram - Arrival Movements (R10) - All Terminals DXB - All Operators
17	Peak Week Histogram - Arrival Movements (R10) - All Terminals DXB - All Operators
18	Peak Week Histogram - Departure Movements (R10) - All Terminals DXB - All Operators
19	Peak Week Histogram - Departure Movements (R10) - All Terminals DXB - All Operators
20	Peak Week Histogram - Departure Movements (R10) - All Terminals DXB - All Operators
21	Peak Week Histogram - Arrival Passengers (T60) - 1I - All Operators
22	Peak Week Histogram - Departure Passengers (T60) - 1I - All Operators
23	Peak Week Histogram - Arrival Passengers (T60) - 2I - All Operators
24	Peak Week Histogram - Departure Passengers (T60) - 2I - All Operators
25	Peak Week Histogram - Arrival Passengers (T60) - 3I - All Operators
26	Peak Week Histogram - Departure Passengers (T60) - 3I - All Operators
27	Peak Week - Declaration Usage Analysis
28	Peak Week - Primary Constraints by Terminal
29	Peak Week - Code F Arrivals and Departures
30	Peak Week - Nac Utilisation View
31	Glossary

S17 scheduling season runs from Sun 26-Mar-2017 to Sat 28-Oct-2017 (217 days).

S18 scheduling season runs from Sun 25-Mar-2018 to Sat 27-Oct-2018 (217 days).

Disclaimer

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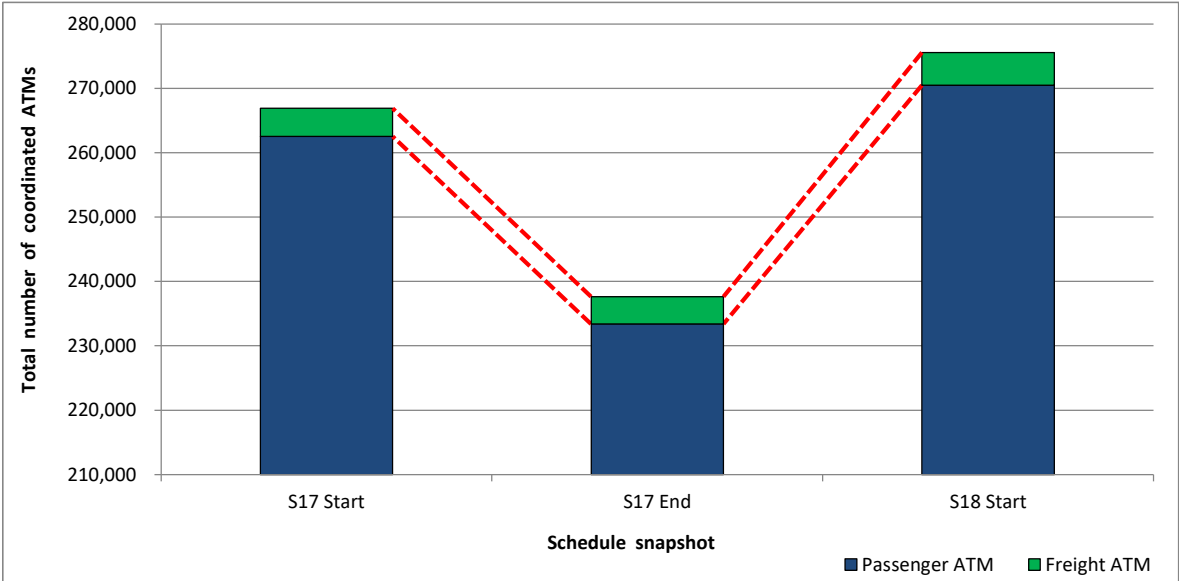
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Significant Route Changes



Operator	Category	Description of change from S17 schedule to S18 schedule
Aeroflot	CHANGE	Increased service to SVO
Air Astana	NEW	Service to TSE
Air India	NEW	Service to BOM
Air India	CANCELLED	Service to GOI
Air India Express	NEW	Service to CNN
DHL Aviation	CHANGE	Increased service to BAH
Emirates	NEW	Service to SAW, SCL, STN
Emirates	CHANGE	Increased service to ARN, BCN, BNE, BRU, CMN, DMM, DPS, EWR, LOS
Emirates	CHANGE	Increased service to MEL, MNL, PRG, SYD
Emirates	CHANGE	Reduced service to AKL, BKK, BOS, CAN, CMB, JED, KWI, LAX, NBO, SEA
Emirates	CANCELLED	Service to RGN
Flydubai	NEW	Service to BUS, CTA, KRK, ZYL
Flydubai	CHANGE	Increased service to AHB, DMM, ELQ, EVN, GYD, LYP, MED, TBS
Flydubai	CHANGE	Reduced service to CMB, MCT
Flydubai	CANCELLED	Service to BKK, DAC
Flynas	CHANGE	Increased service to RUH
Himalaya Airlines	NEW	Service to KTM
Indigo	NEW	Service to CJB
Indigo	CHANGE	Reduced service to HYD
Iran Aseman Airlines	CANCELLED	Service to SYZ
Kish Air	CANCELLED	Service to IKA
Oman Air	CHANGE	Reduced service to SLL
Qantas	CANCELLED	Service to LHR, MEL, SYD
Qeshm Airlines	CANCELLED	Service to MCT, SLL, SYZ
Rwandair	CHANGE	Reduced service to KGL
Safi Airways	CANCELLED	Service to KBL
Salam Air	NEW	Service to MCT
Saudigulf	NEW	Service to RUH
Spicejet	CHANGE	Increased service to BOM
Spicejet	CANCELLED	Service to HYD, MAA

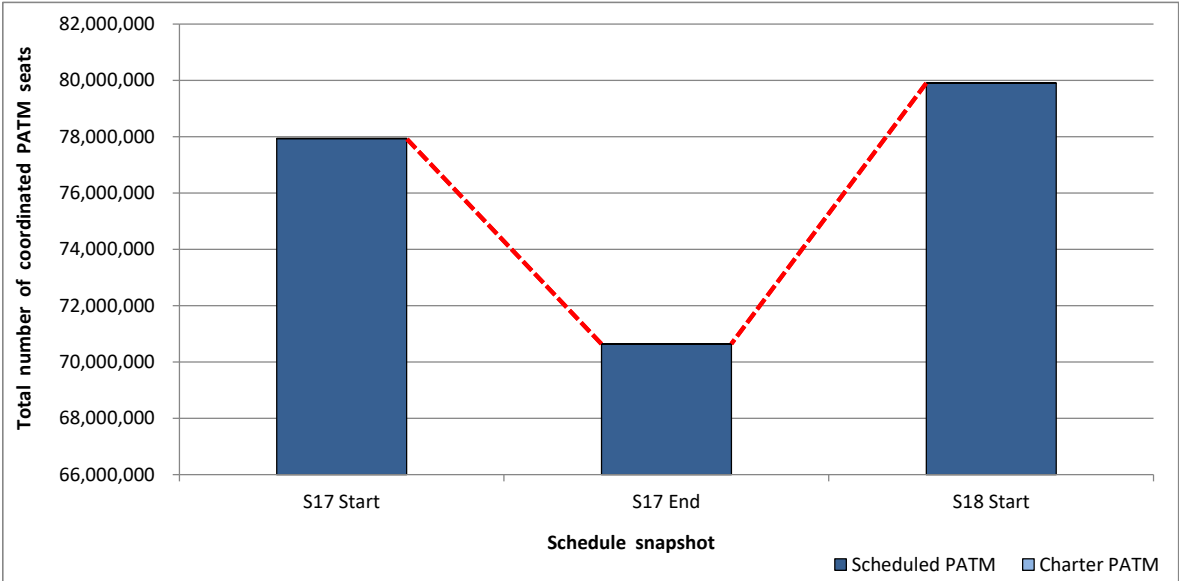
Total ATMs: Passenger ATMs vs. Freight ATMs



Full Season - PATM Seats Analysis



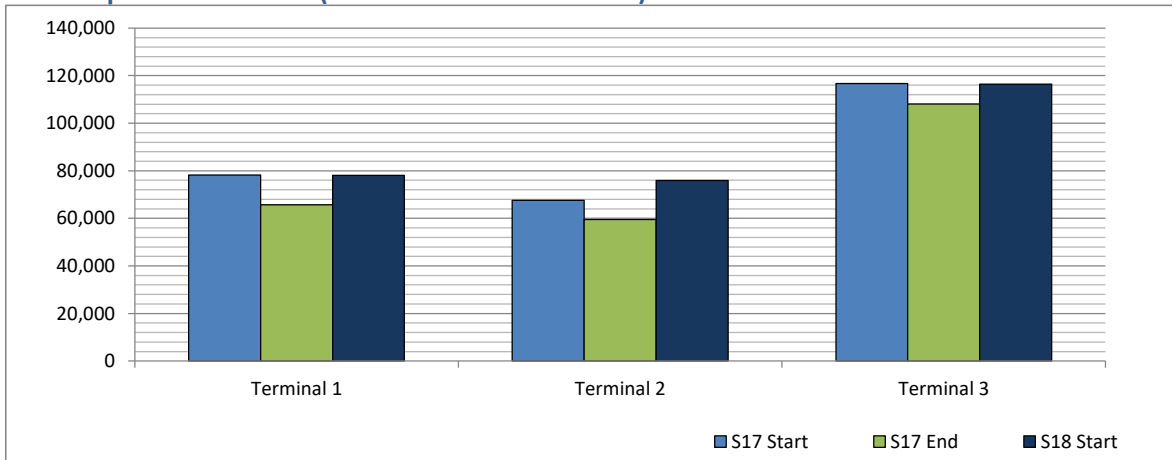
Total Passenger ATM seats: Scheduled vs. Charter



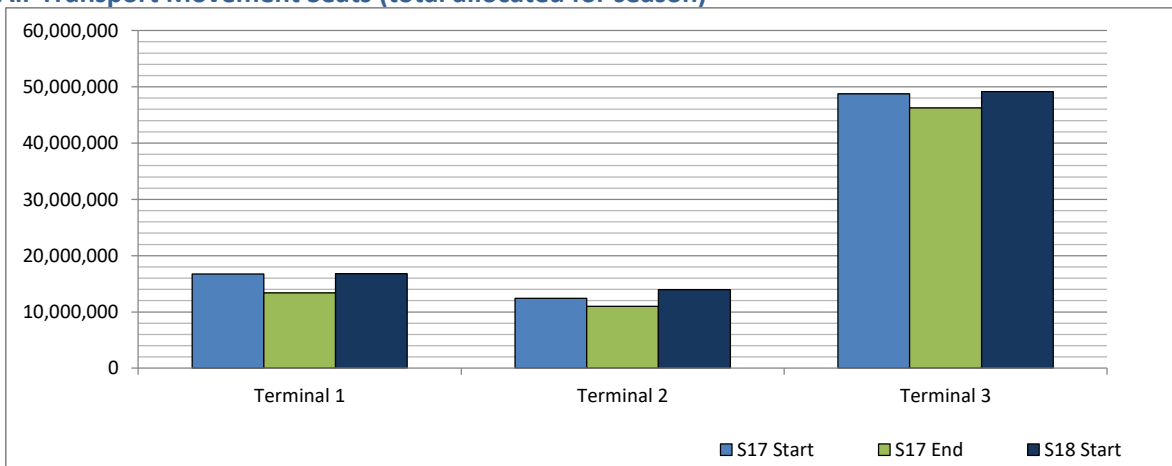
Full Season - Terminal Analysis



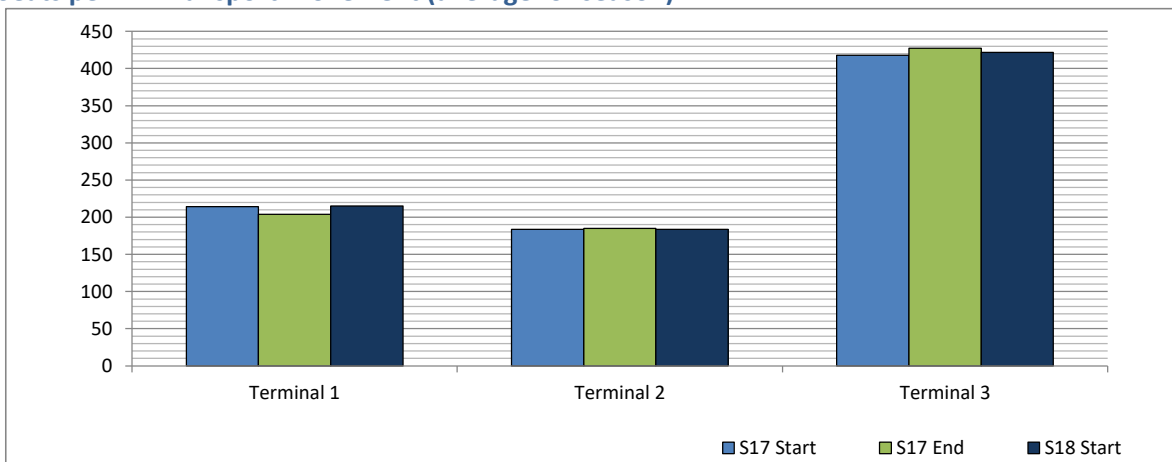
Air Transport Movements (total allocated for season)



Air Transport Movement Seats (total allocated for season)



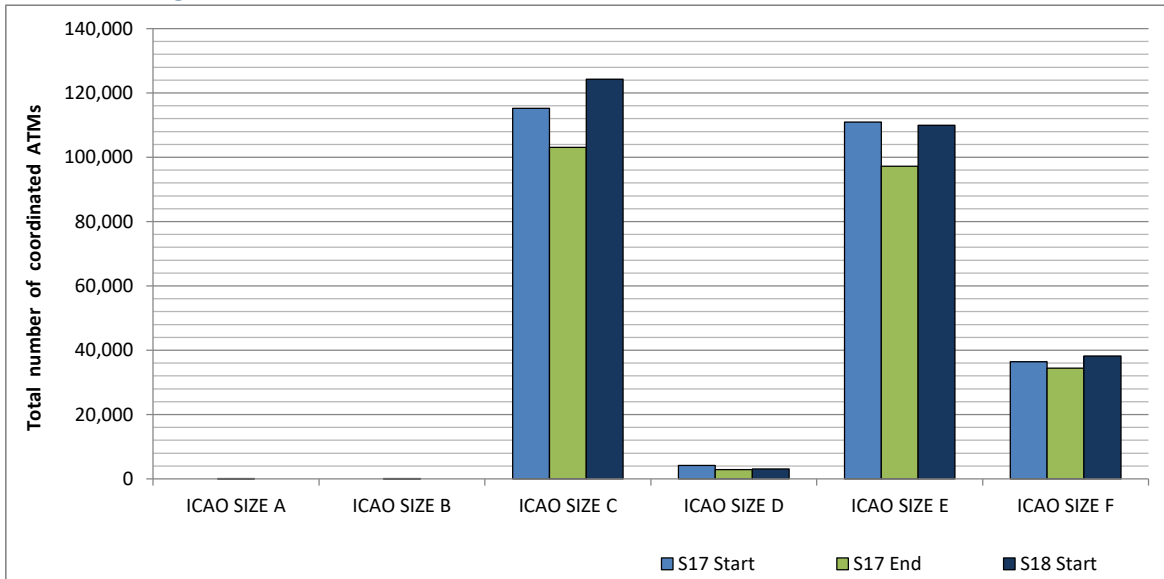
Seats per Air Transport Movement (average for season)



Full Season - Aircraft Size Analysis

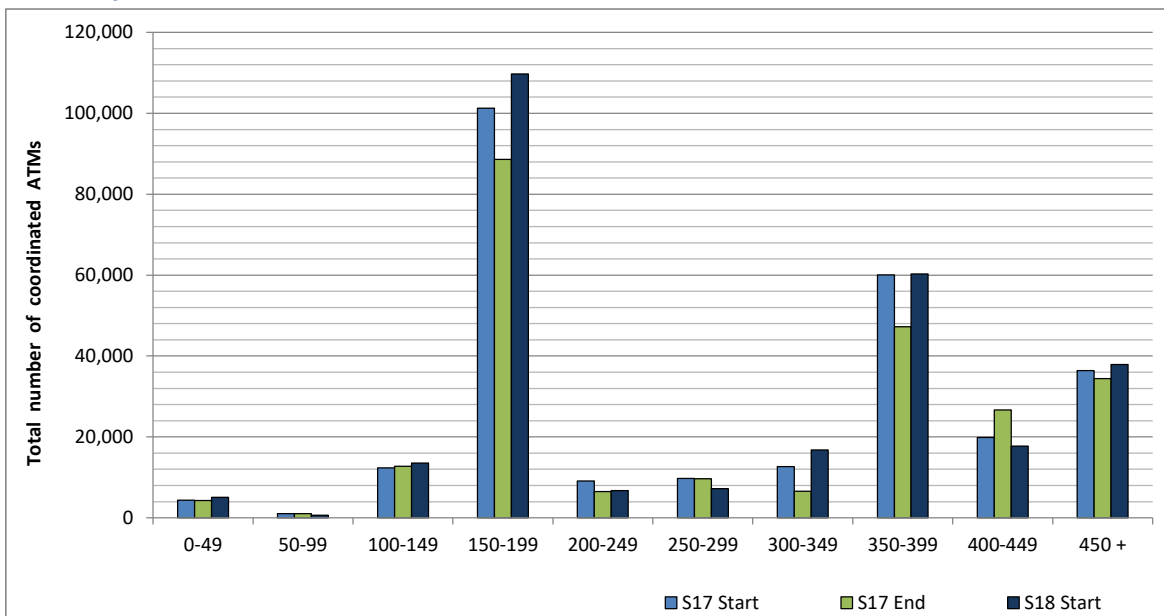


ICAO size designation



Note: See Glossary for definitions of ICAO SIZE groupings

Air Transport Movement seat distribution

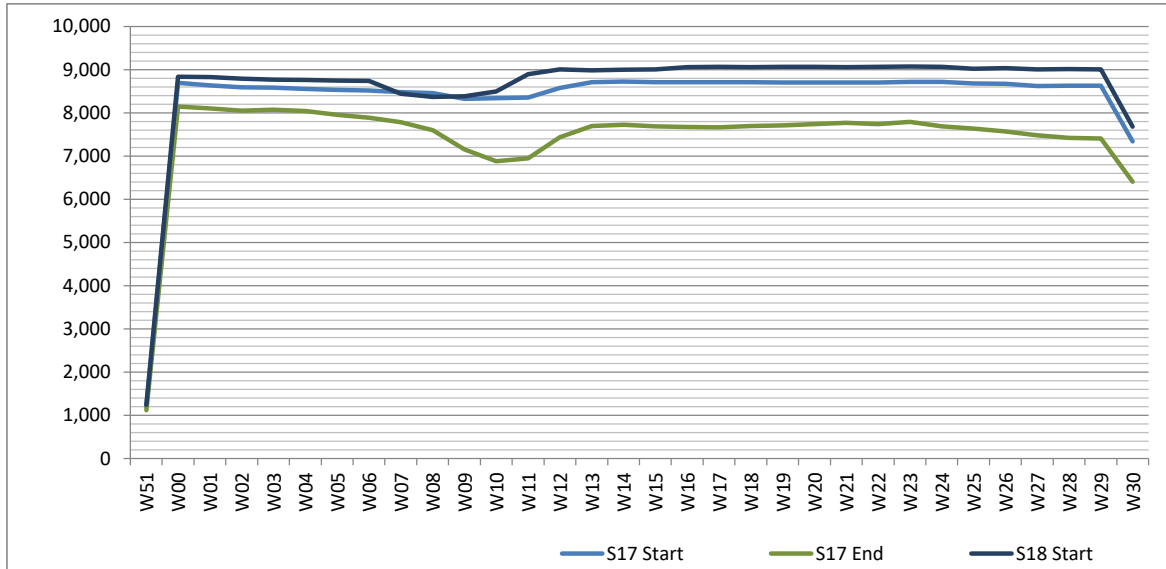


Note: FREIGHT-ONLY services with 0 seats are included in the first seat band '0-49'

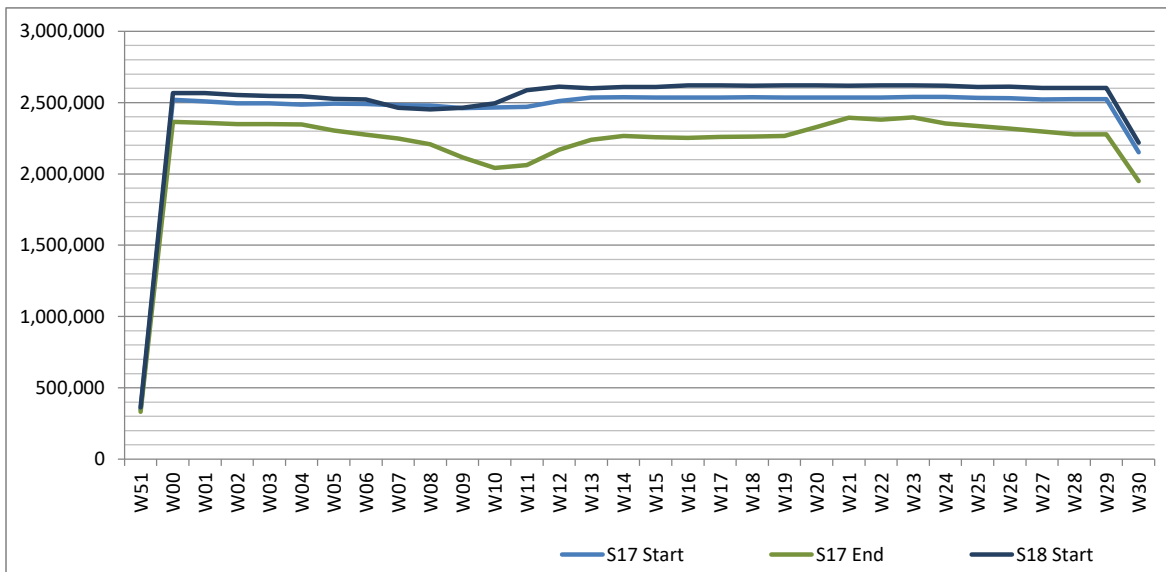
Full Season - Seasonality



Air Transport Movements by week of season



Air Transport Movement Seats by week of season



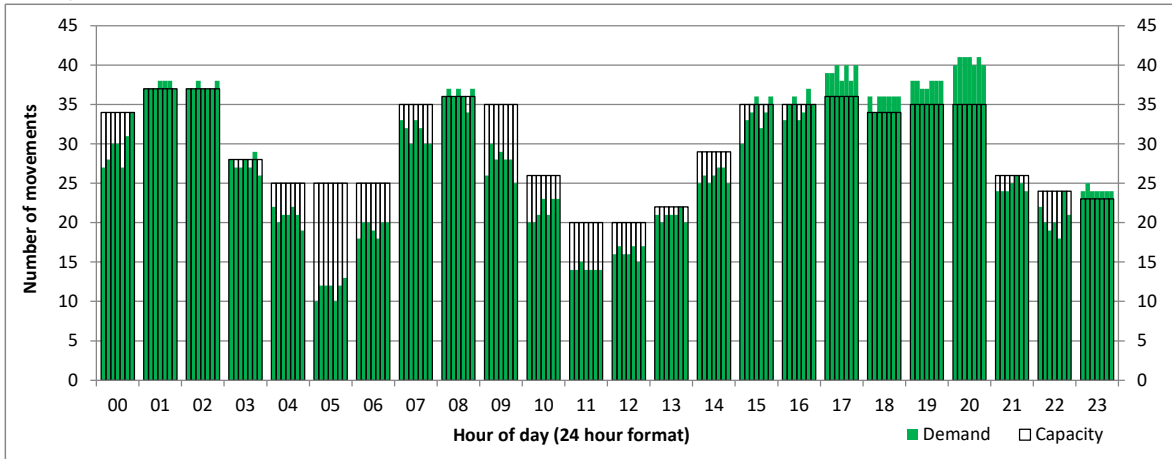
Peak Week - Hourly Runway Demand

Schedule: S18 Start



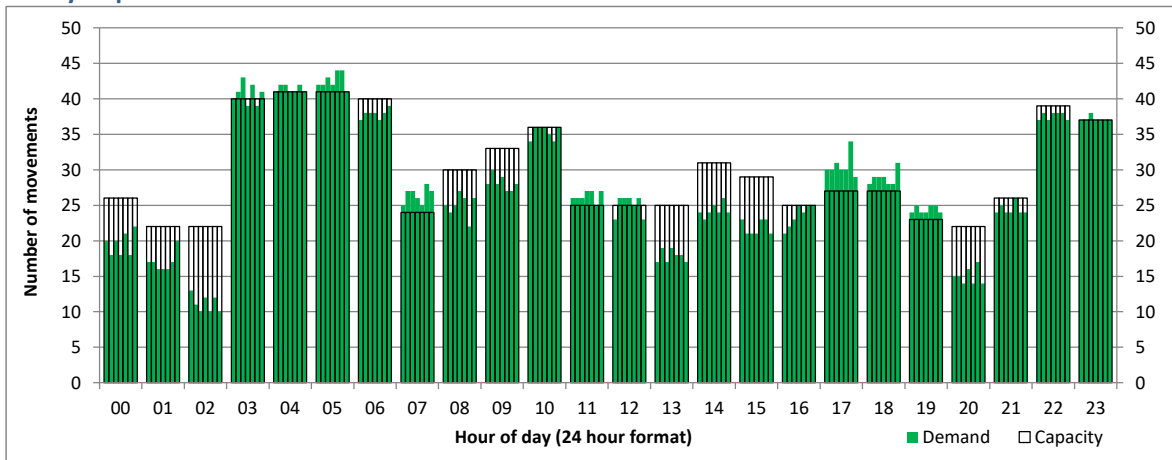
Hourly Arrival Demand

Time: UTC



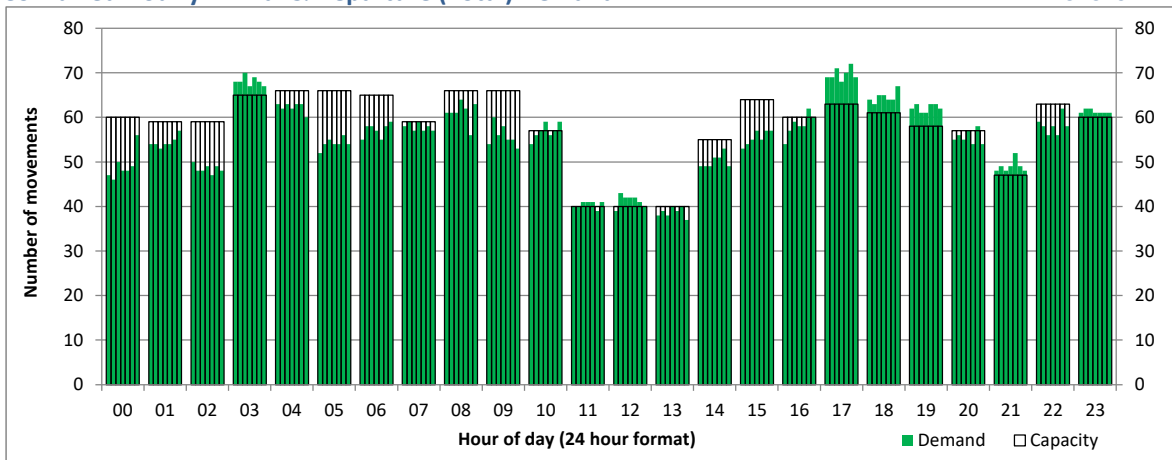
Hourly Departure Demand

Time: UTC



Combined Hourly Arrival & Departure (Total) Demand

Time: UTC



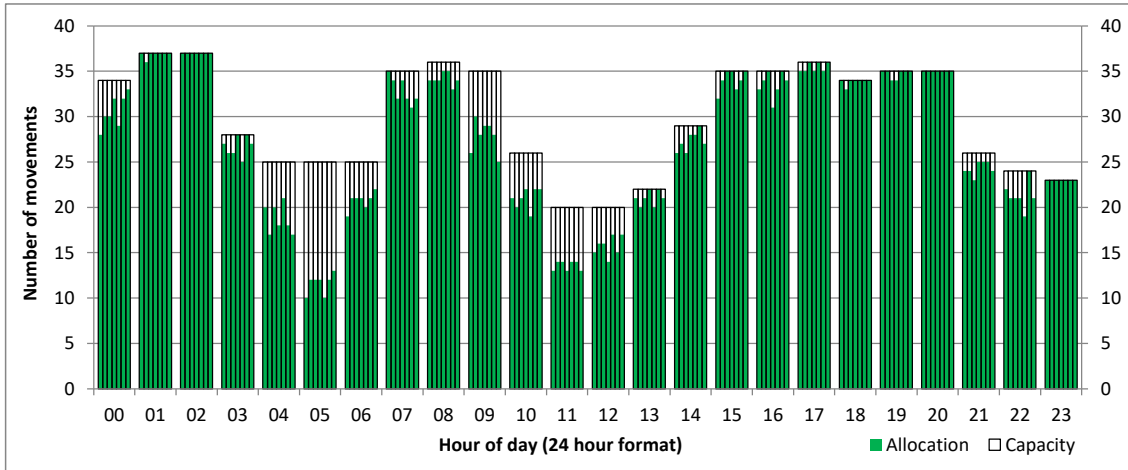
Peak Week - Hourly Runway Allocation

Schedule: S18 Start



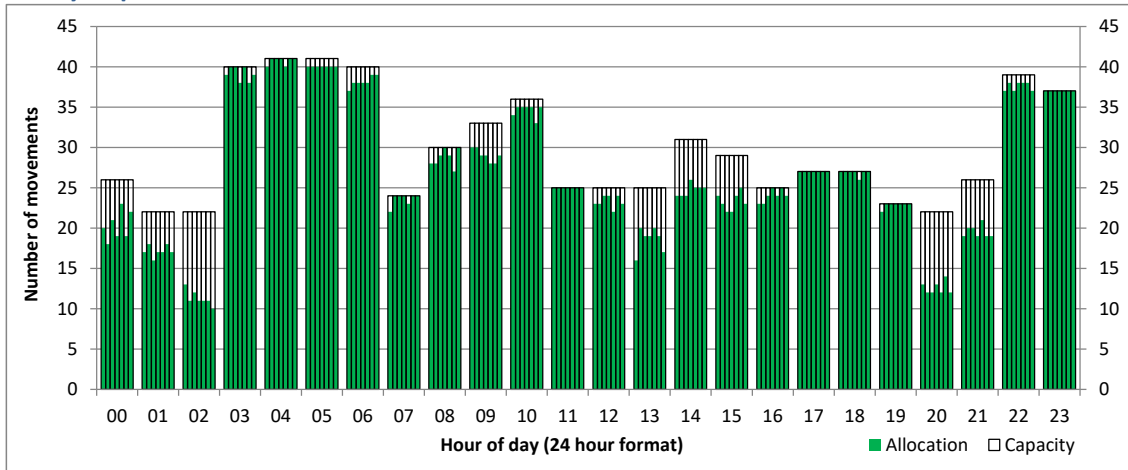
Hourly Arrival Allocation

Time: UTC



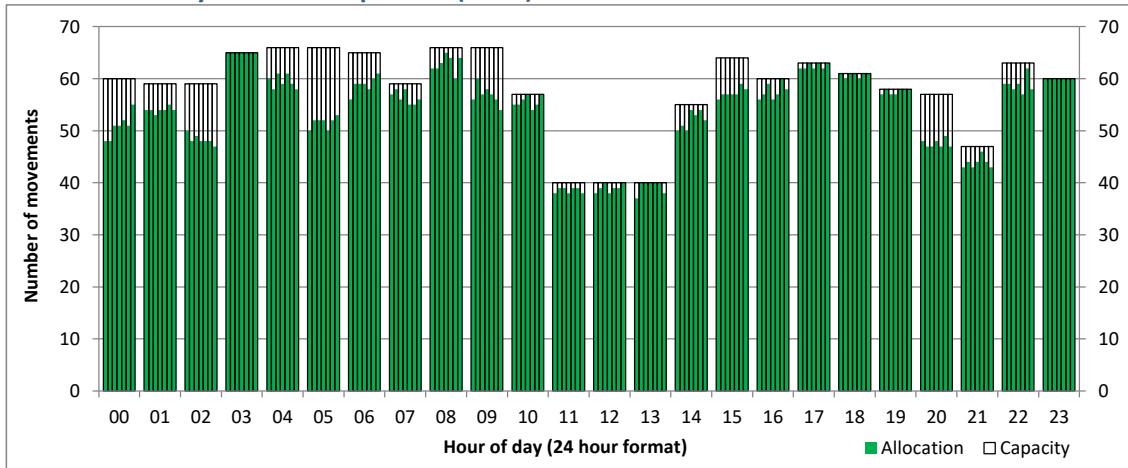
Hourly Departure Allocation

Time: UTC



Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



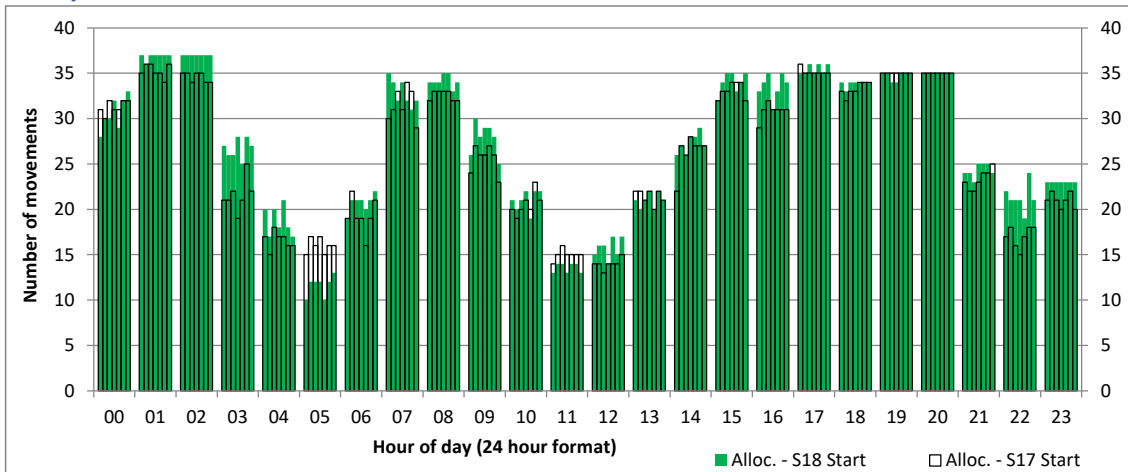
Peak Week - Runway Allocation Comparison

Comparison of S18 Start vs. S17 Start



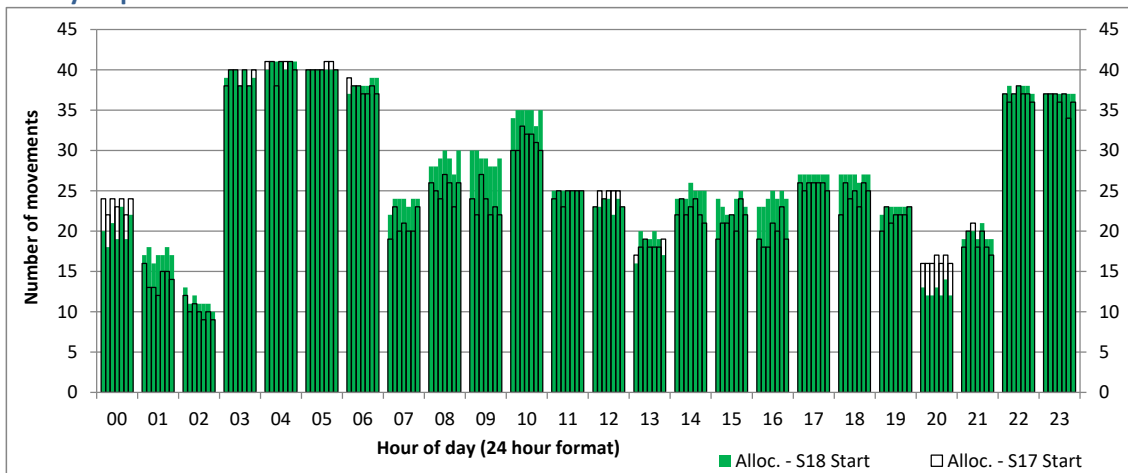
Hourly Arrival Allocation

Time: UTC



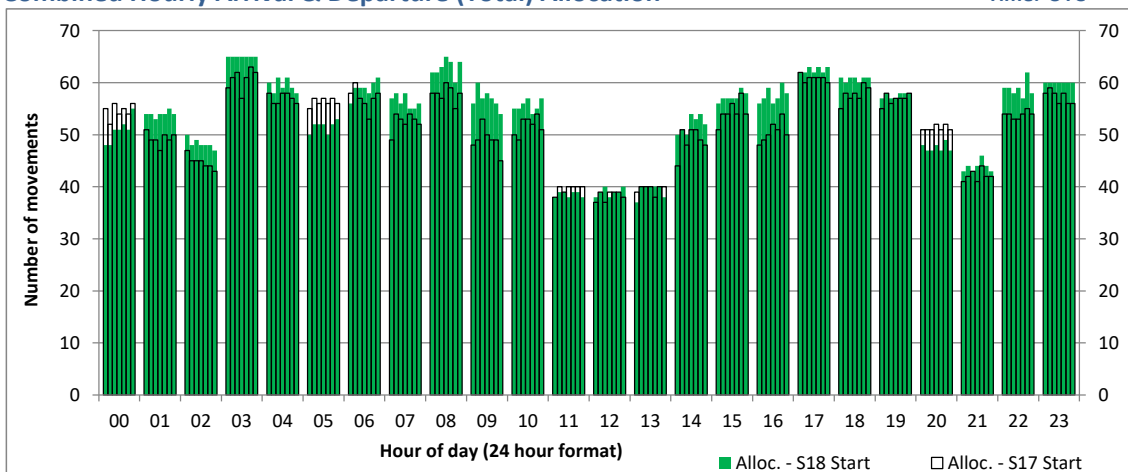
Hourly Departure Allocation

Time: UTC



Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



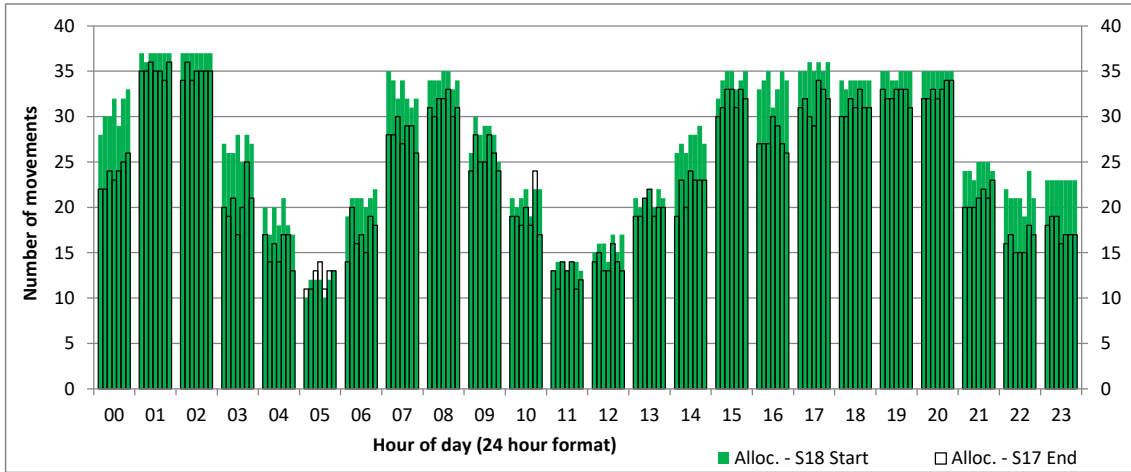
Peak Week - Runway Allocation Comparison

Comparison of S18 Start vs. S17 End



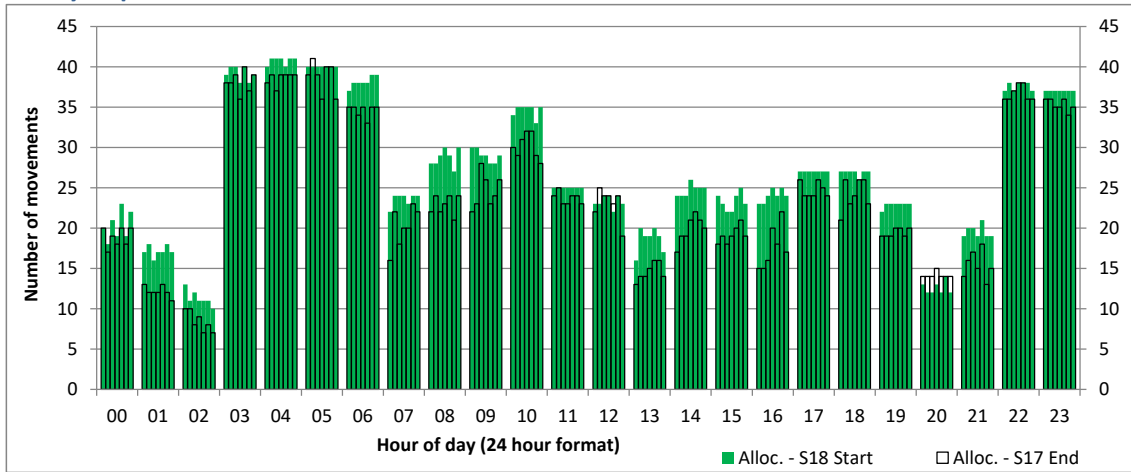
Hourly Arrival Allocation

Time: UTC



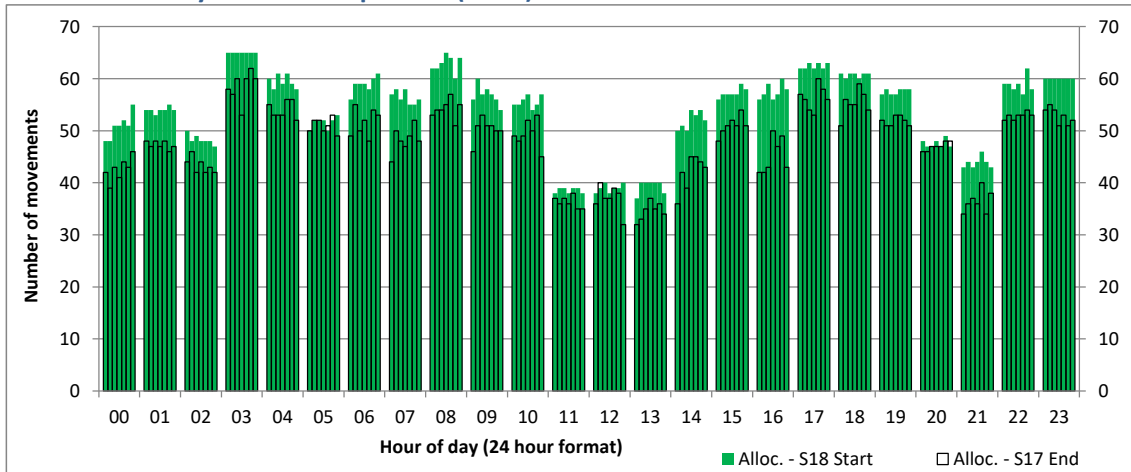
Hourly Departure Allocation

Time: UTC



Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



Peak Week - Movements Histogram

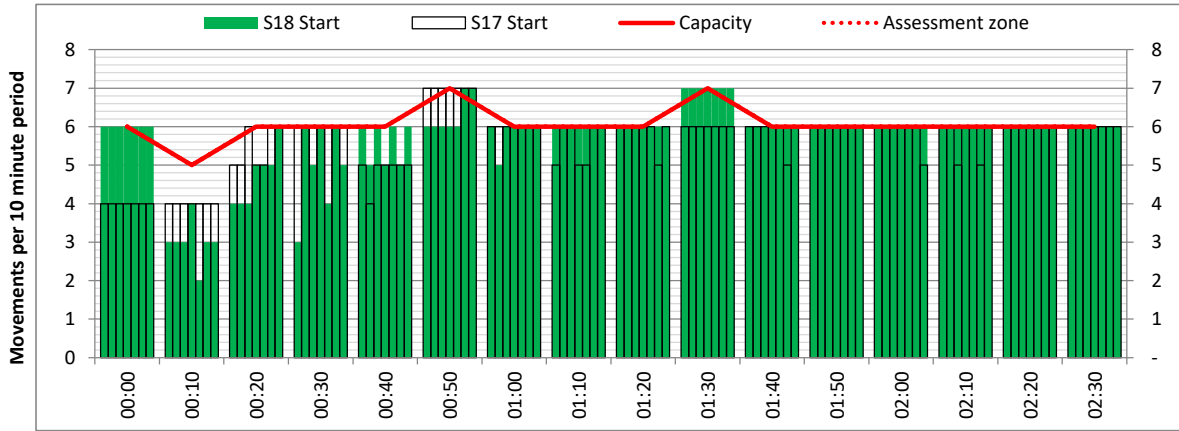


ARRIVAL - 10 minute count rolling every 10 mins (R10)

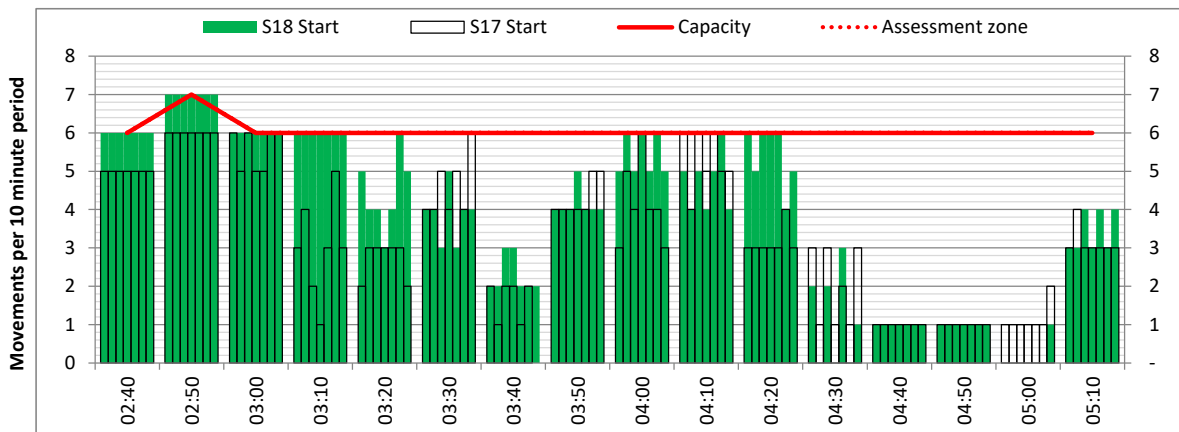
Terminals: All Terminals

Operators: All Operators

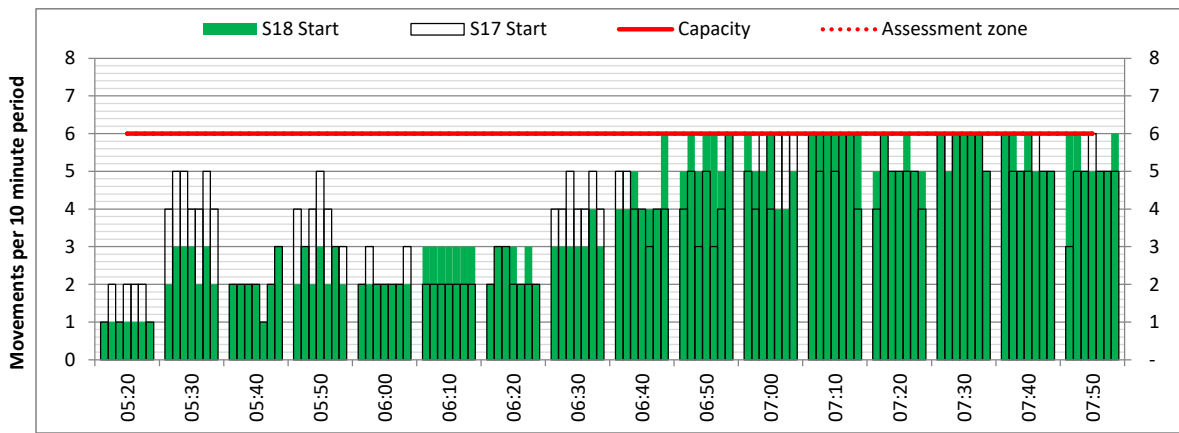
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Movements Histogram

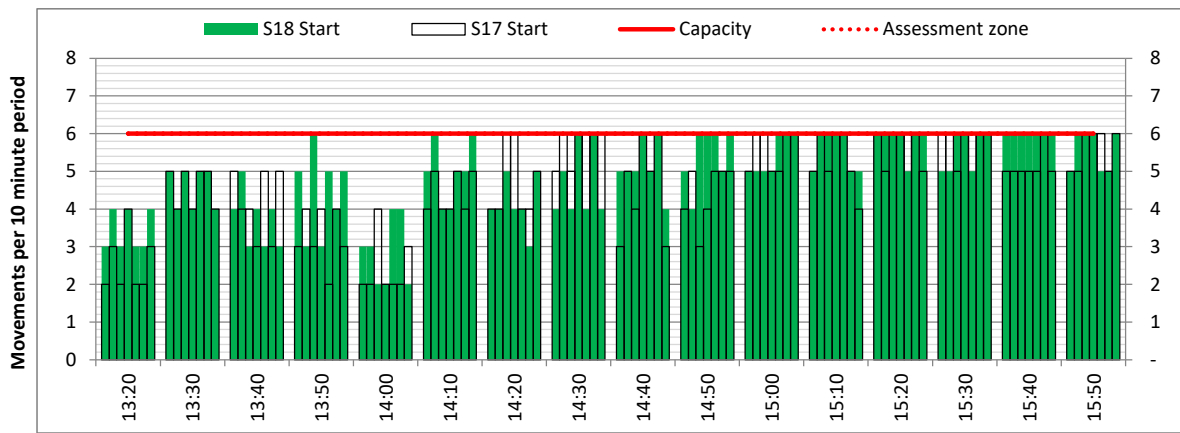
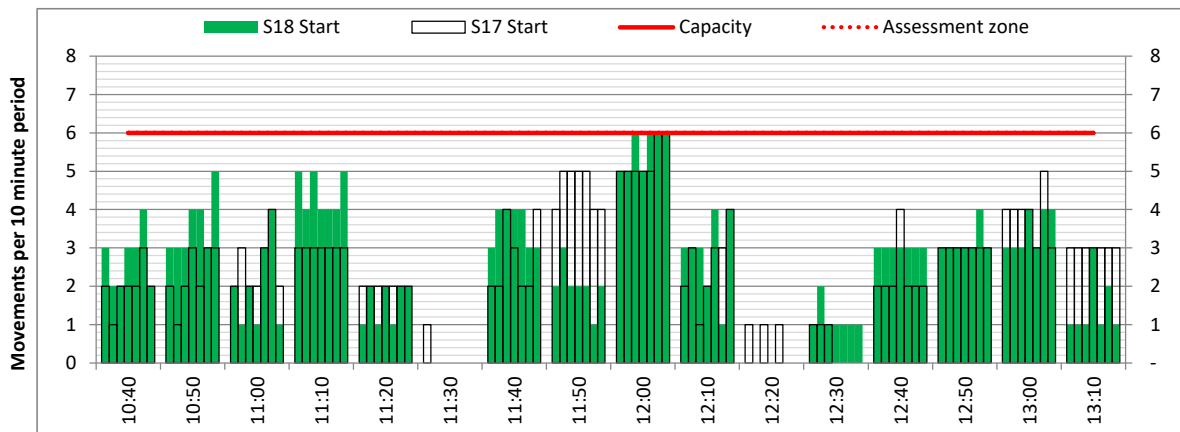
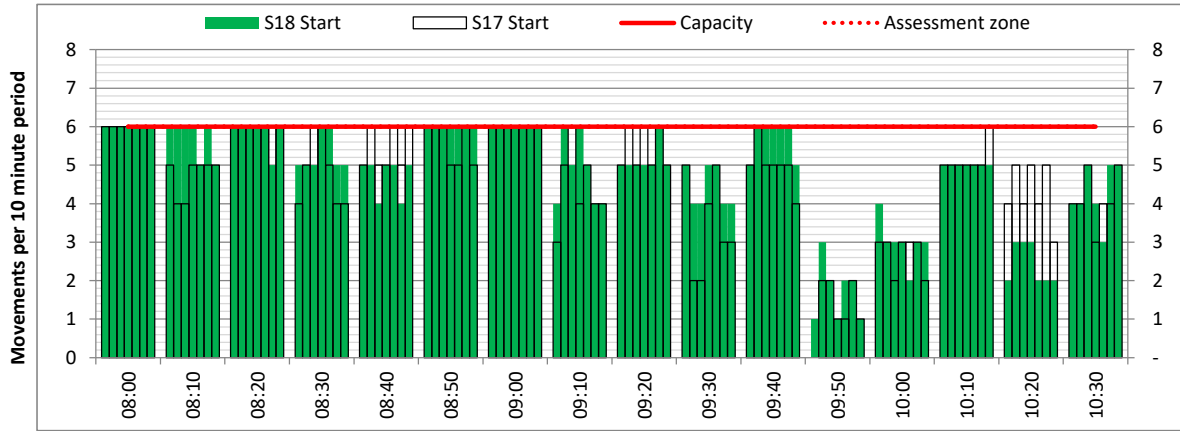


ARRIVAL - 10 minute count rolling every 10 mins (R10)

Terminals: All TerminalsDXB

Operators: All Operators

Days: 1234567



Peak Week - Movements Histogram

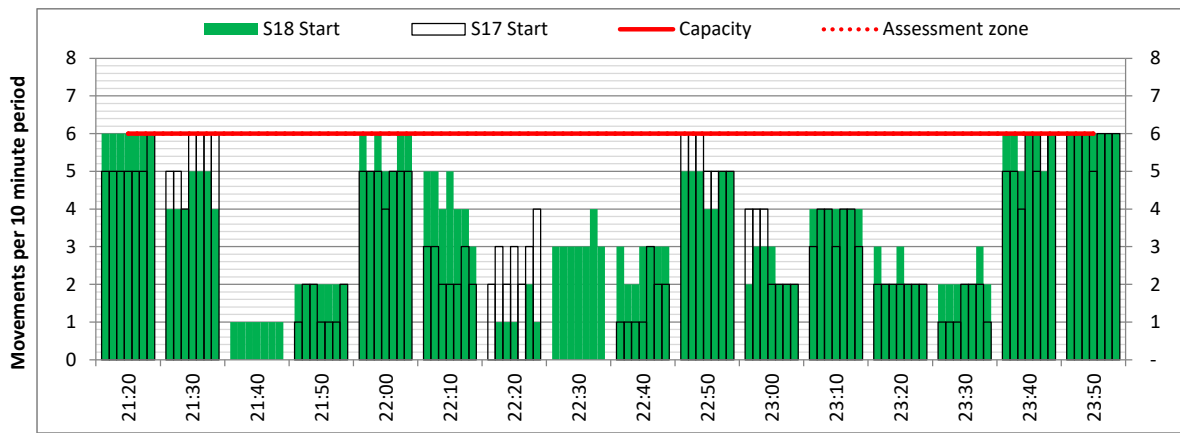
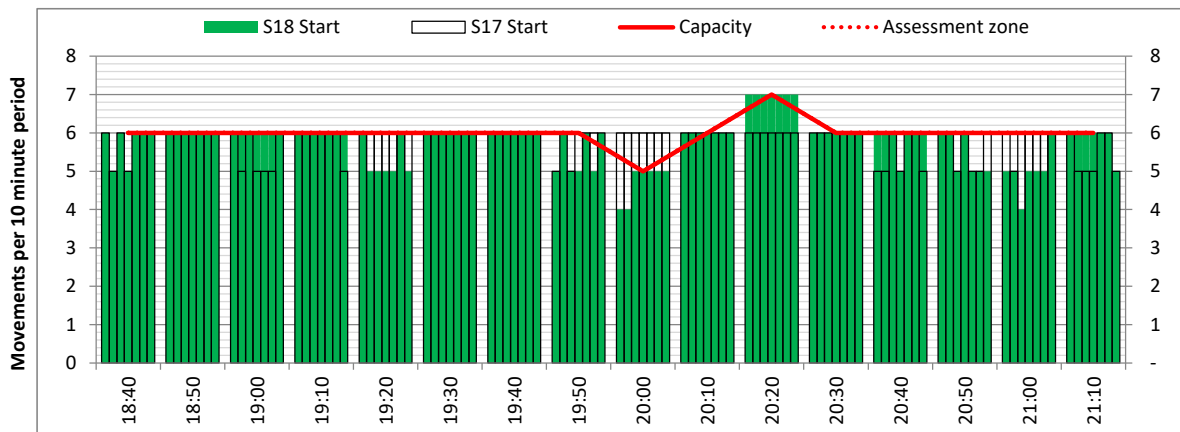
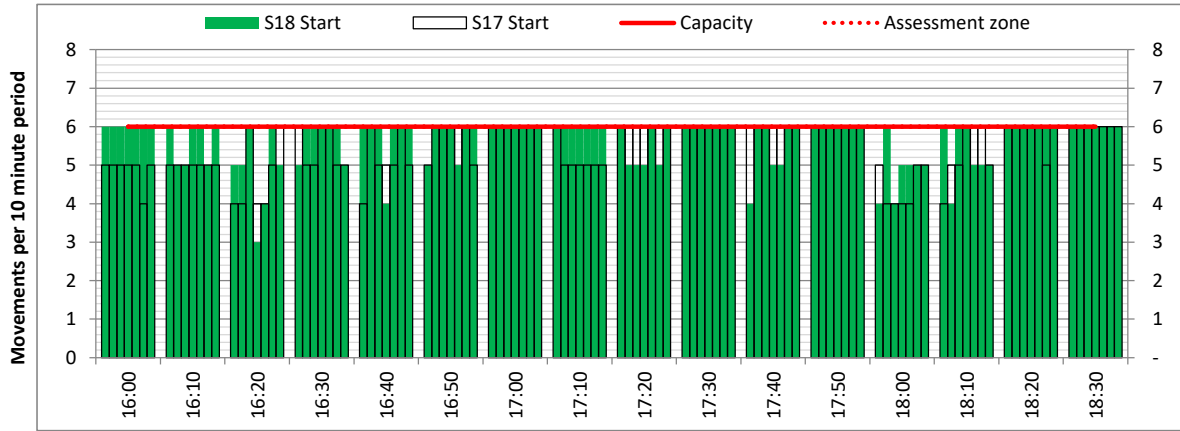


ARRIVAL - 10 minute count rolling every 10 mins (R10)

Terminals: All TerminalsDXB

Operators: All Operators

Days: 1234567



Peak Week - Movements Histogram

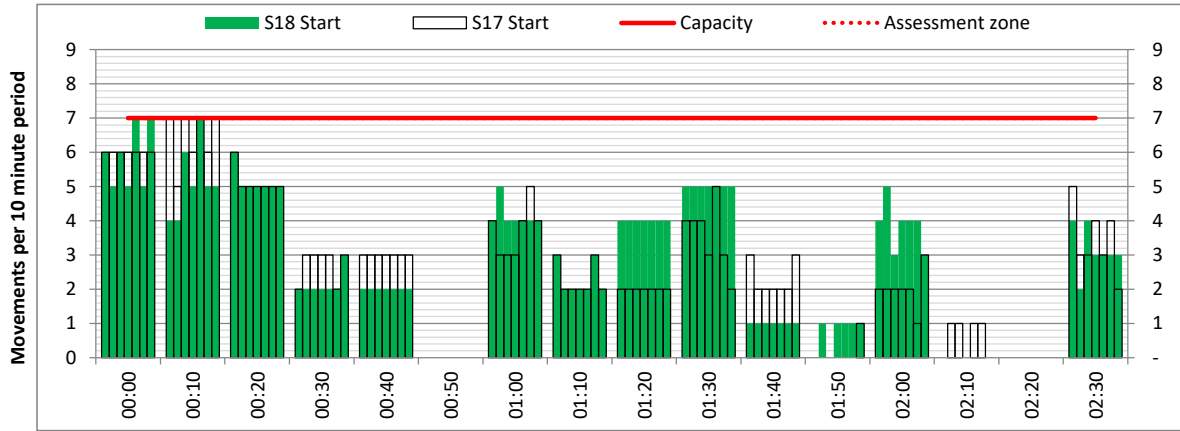


DEPARTURE - 10 minute count rolling every 10 mins (R10)

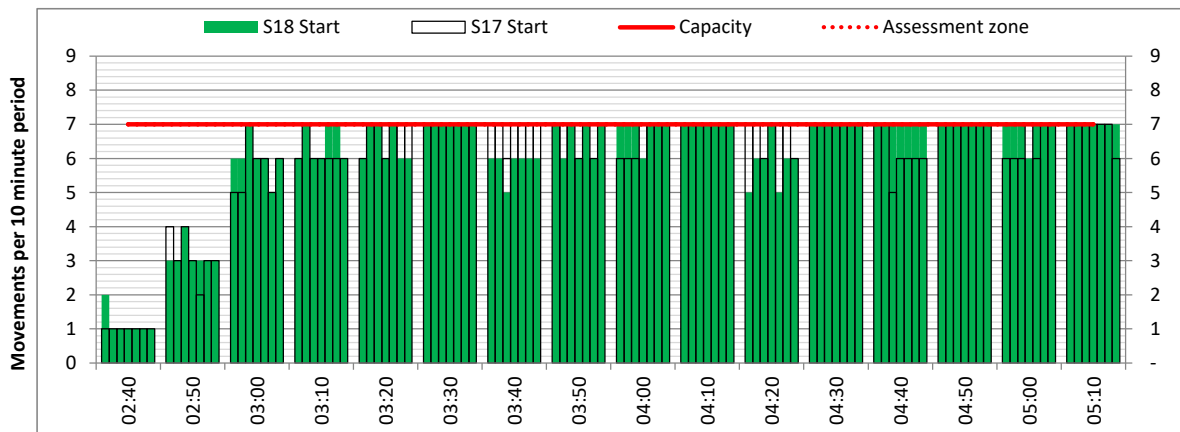
Terminals: All TerminalsDXB

Operators: All Operators

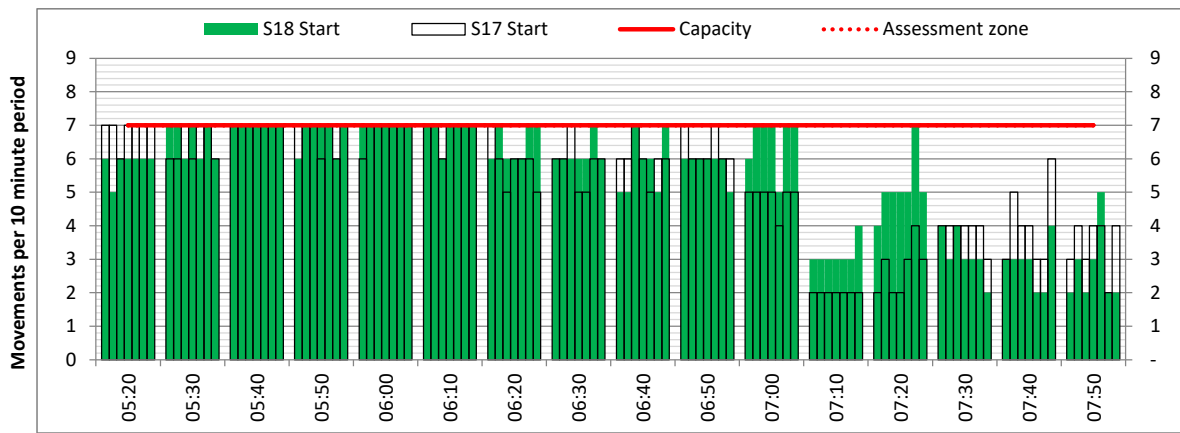
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Movements Histogram

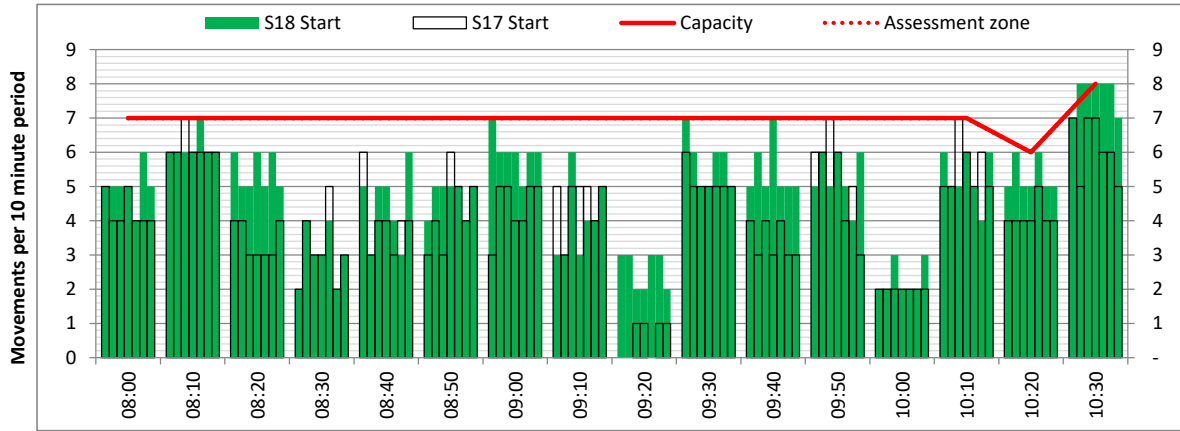


DEPARTURE - 10 minute count rolling every 10 mins (R10)

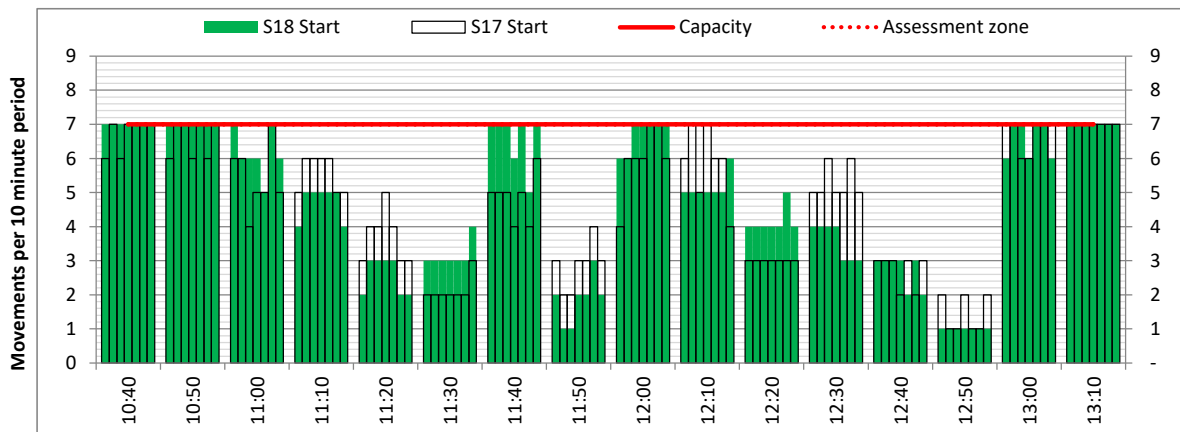
Terminals: All TerminalsDXB

Operators: All Operators

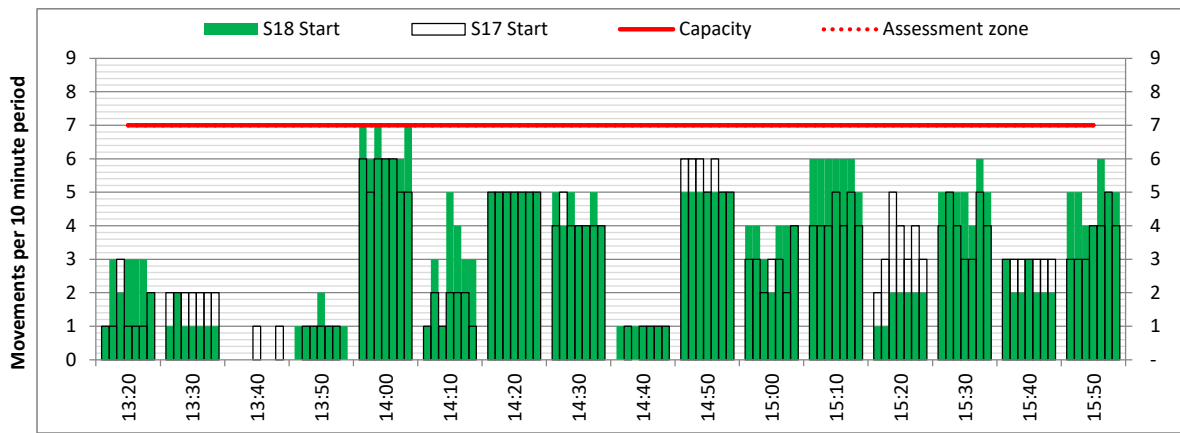
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Movements Histogram

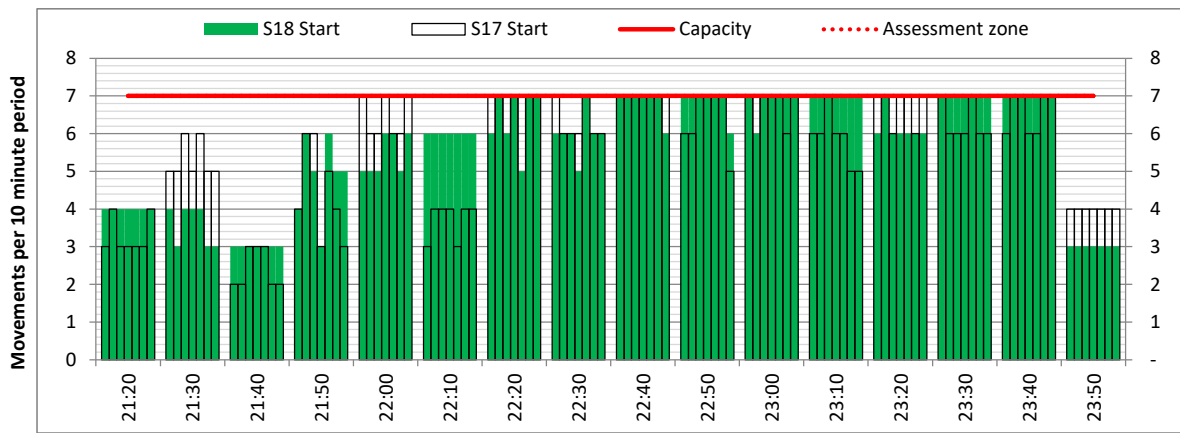
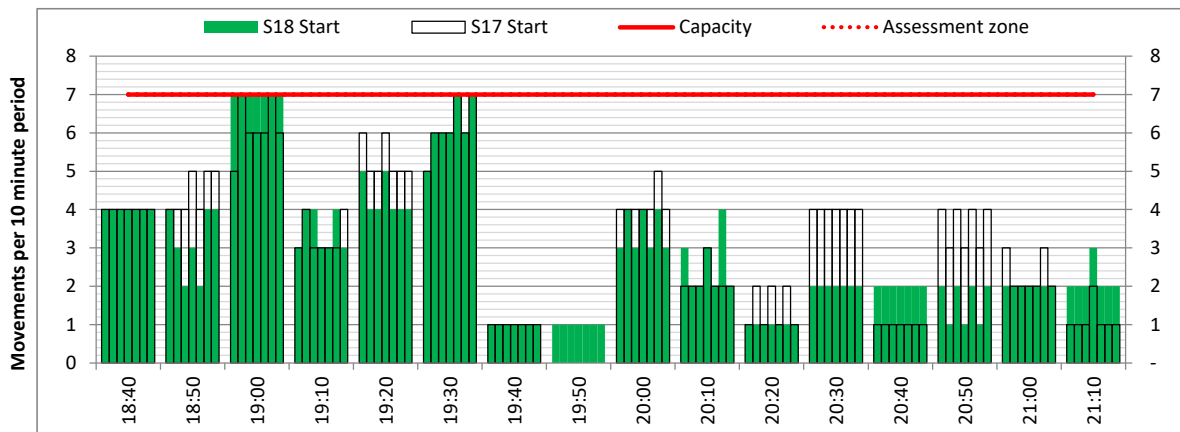
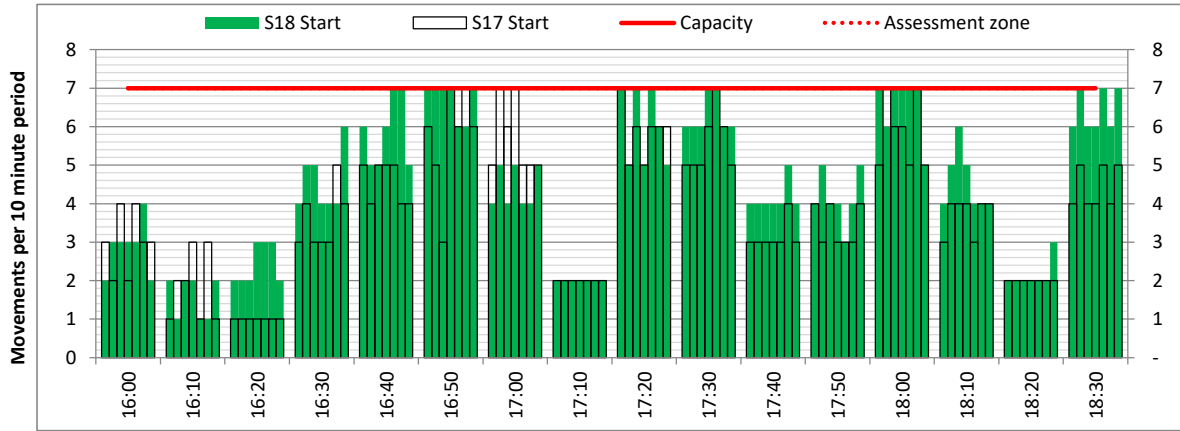
DEPARTURE - 10 minute count rolling every 10 mins (R10)



Terminals: All TerminalsDXB

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

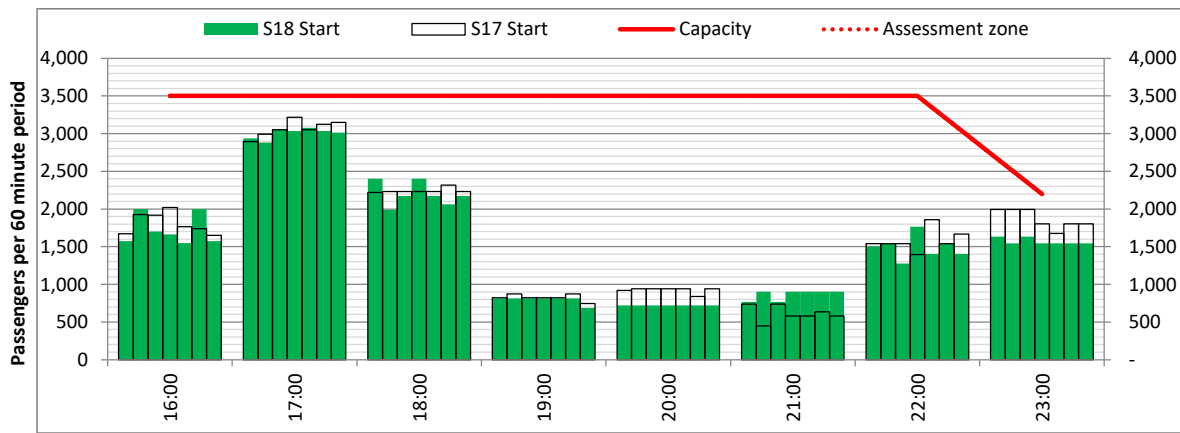
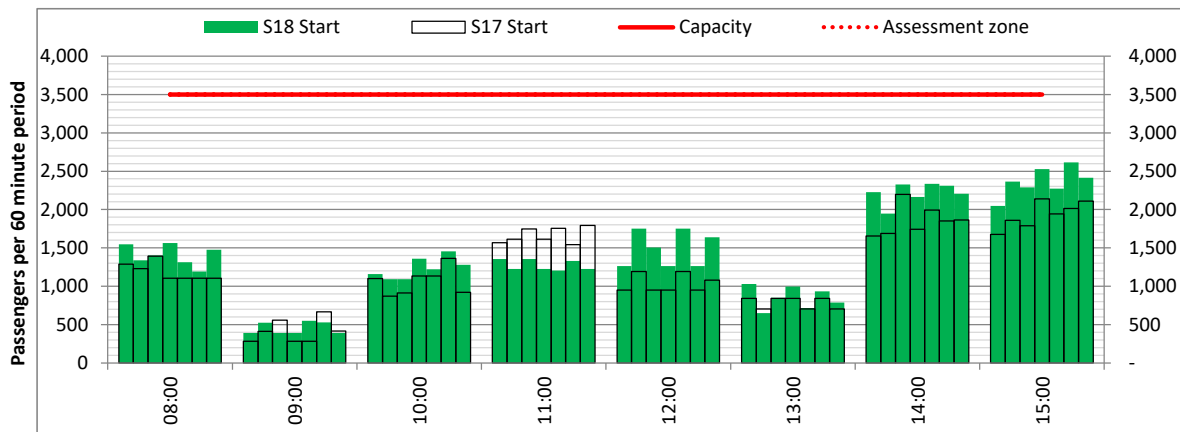
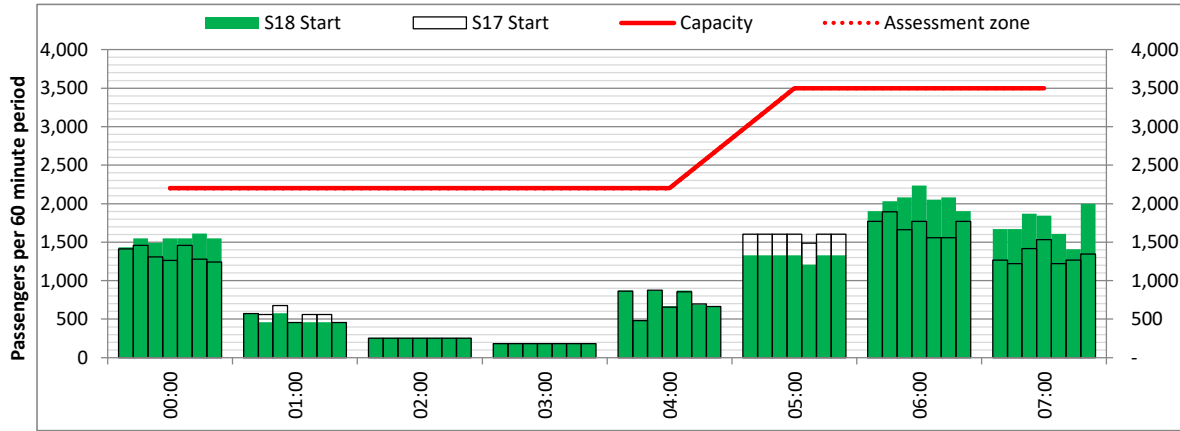


ARRIVAL - 60 minute count rolling every 60 mins (T60)

Terminals: 11

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

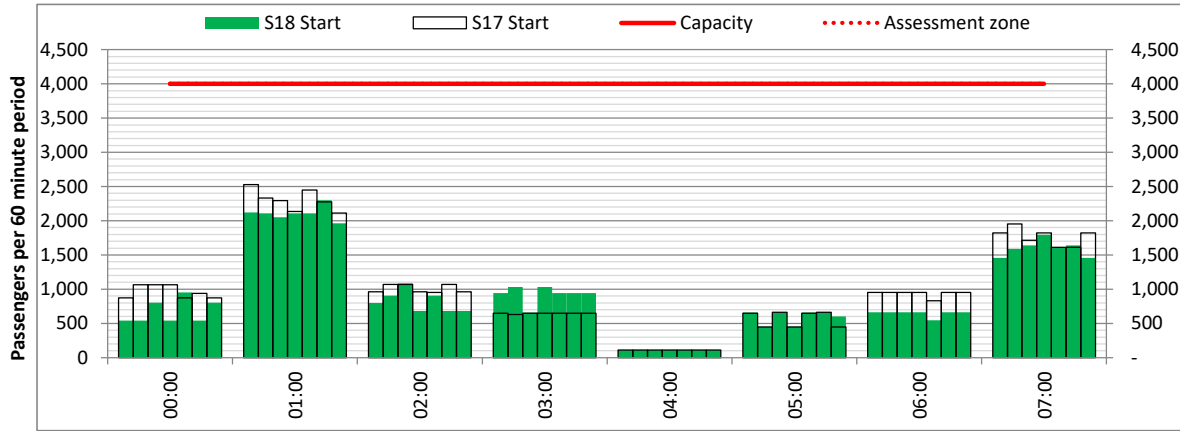
DEPARTURE - 60 minute count rolling every 60 mins (T60)



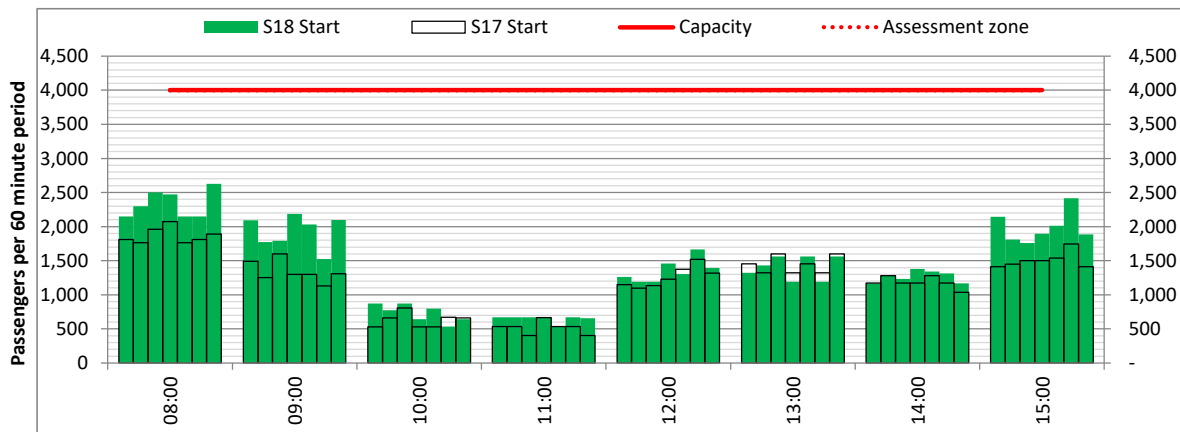
Terminals: 11

Operators: All Operators

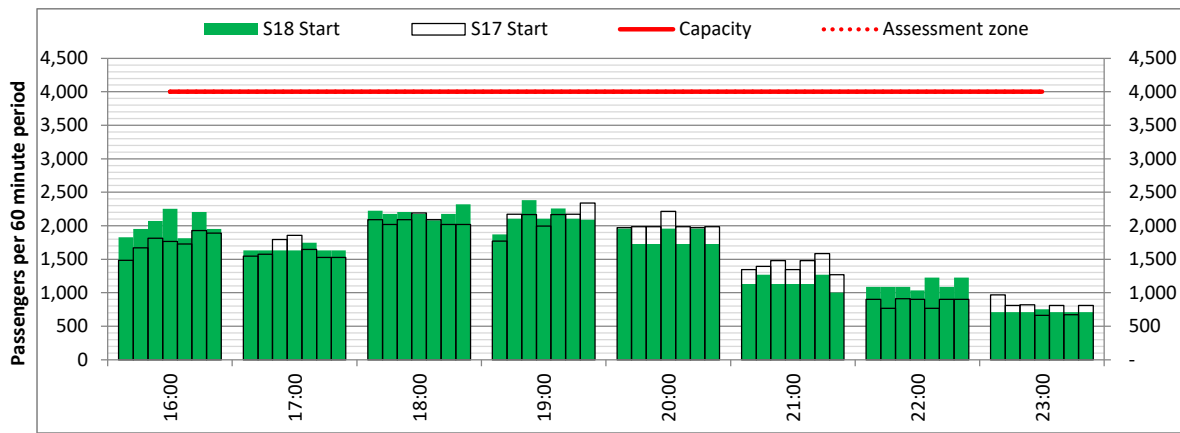
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

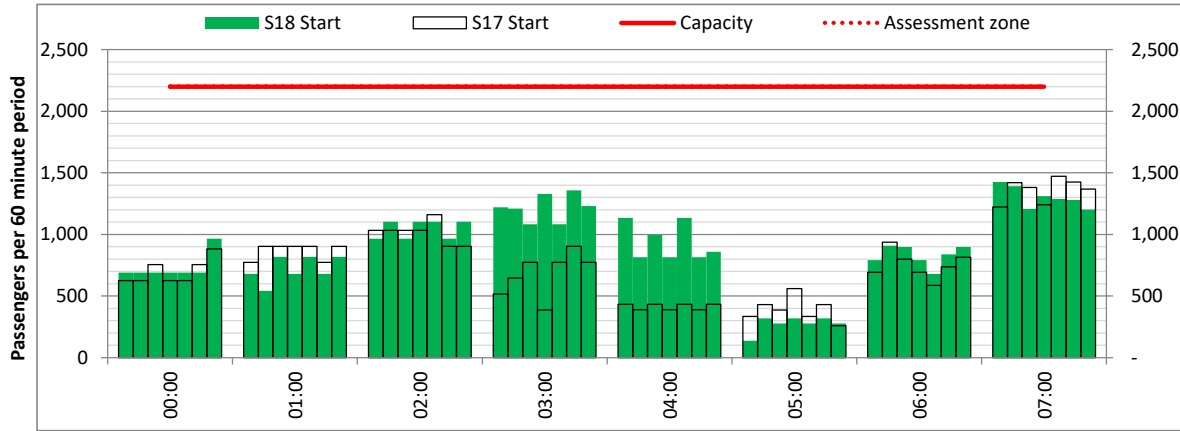
ARRIVAL - 60 minute count rolling every 60 mins (T60)



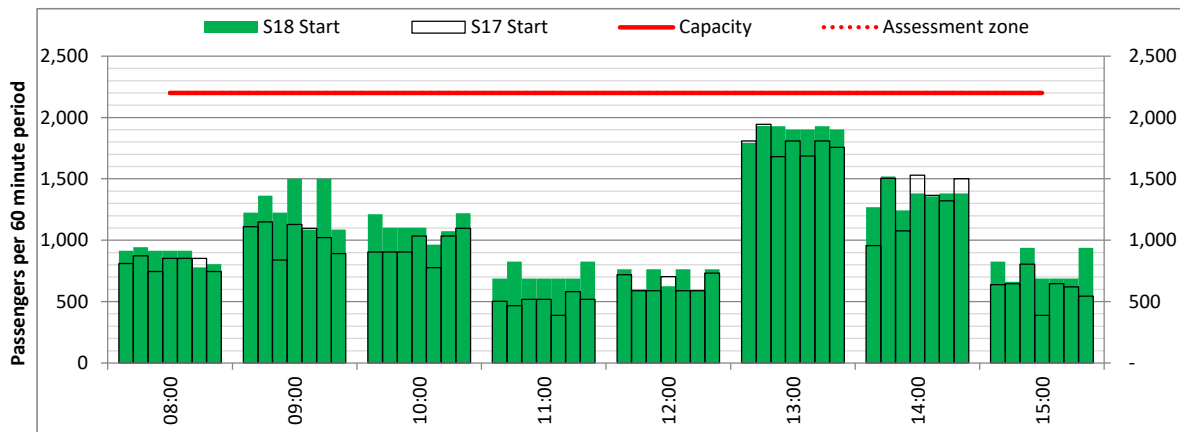
Terminals: 2I

Operators: All Operators

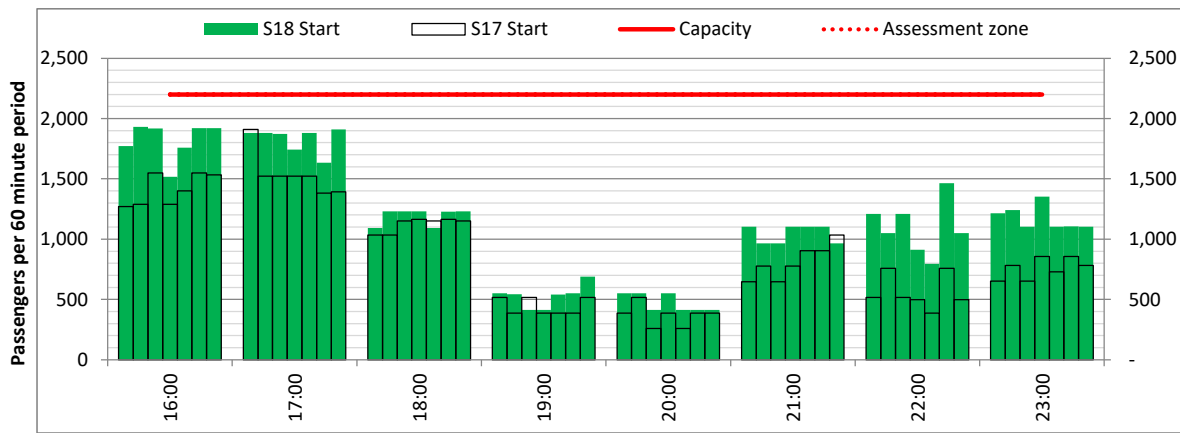
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

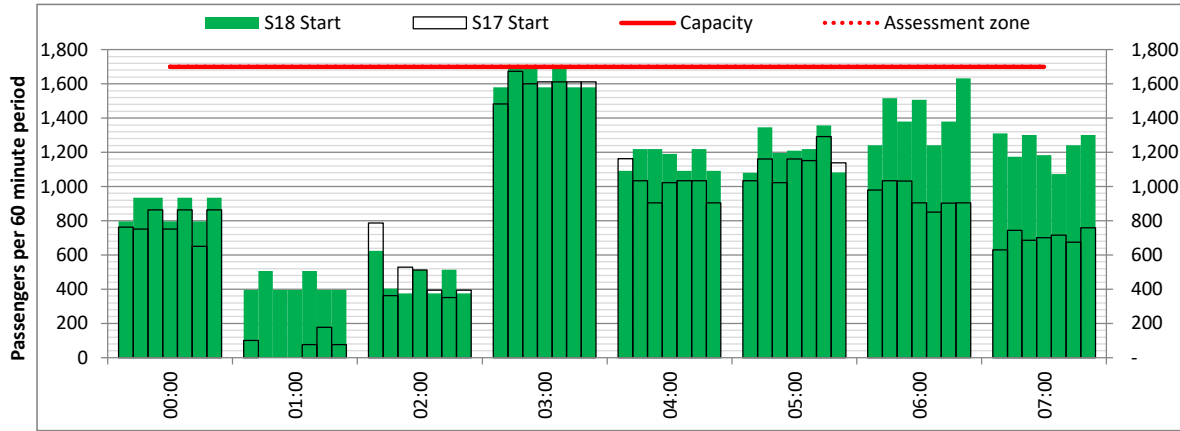
DEPARTURE - 60 minute count rolling every 60 mins (T60)



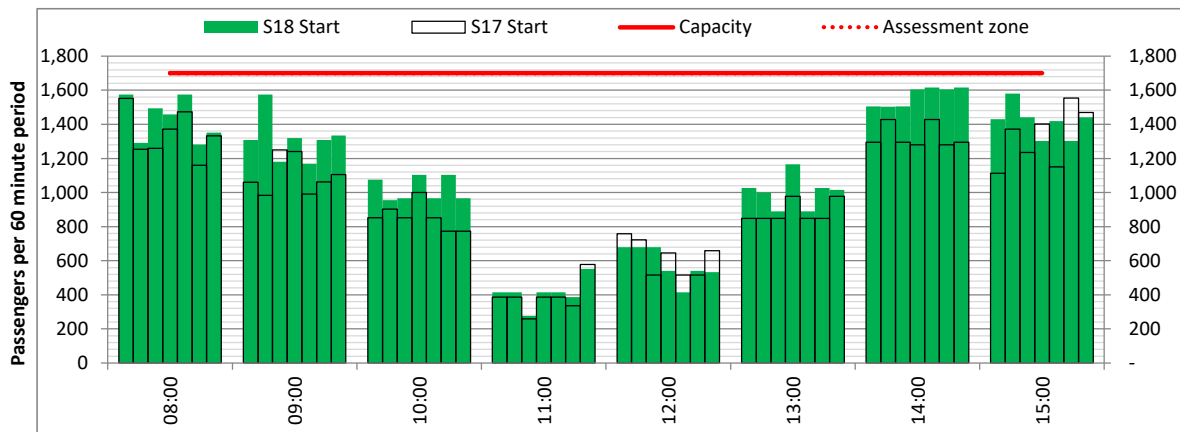
Terminals: 2I

Operators: All Operators

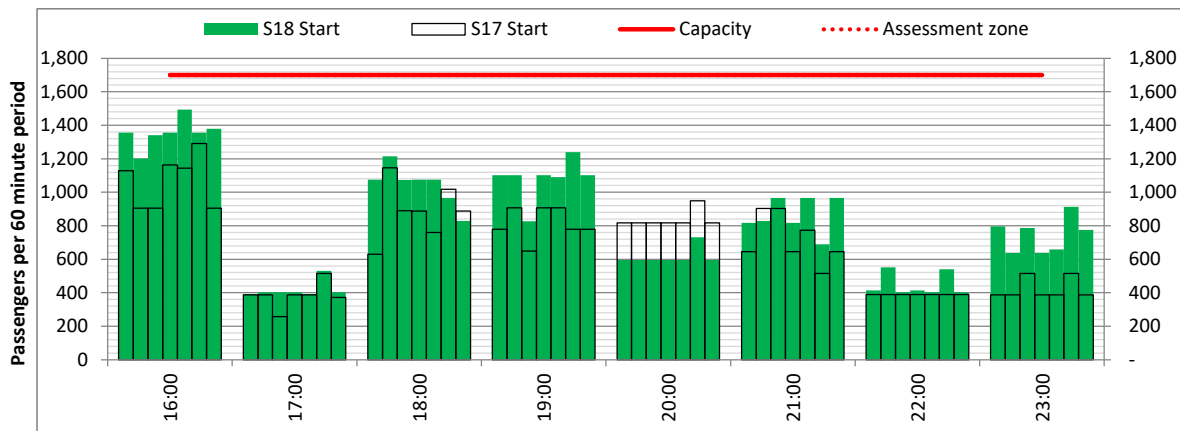
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

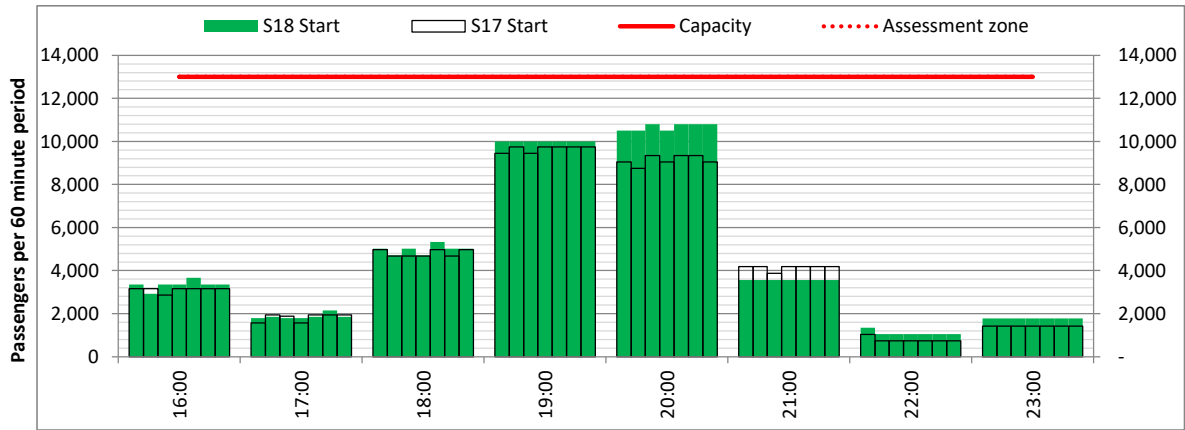
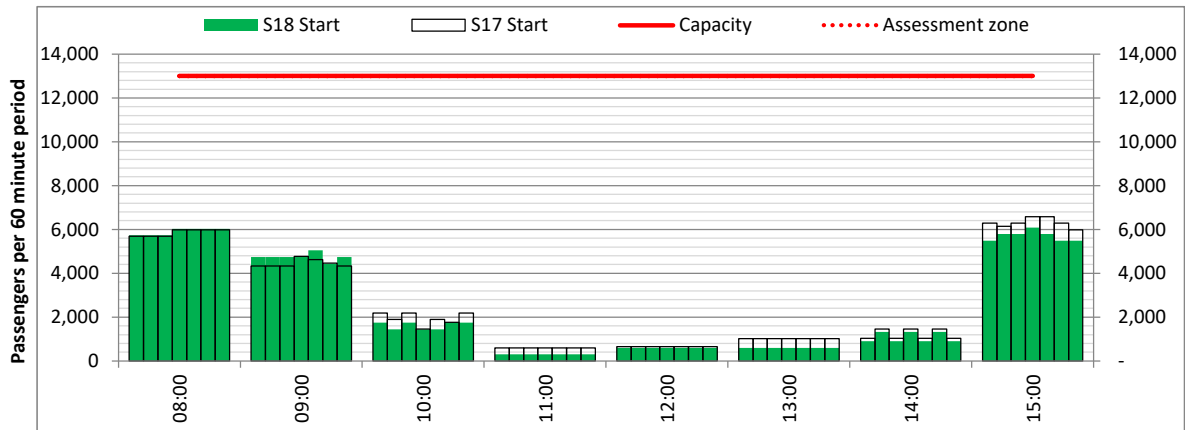
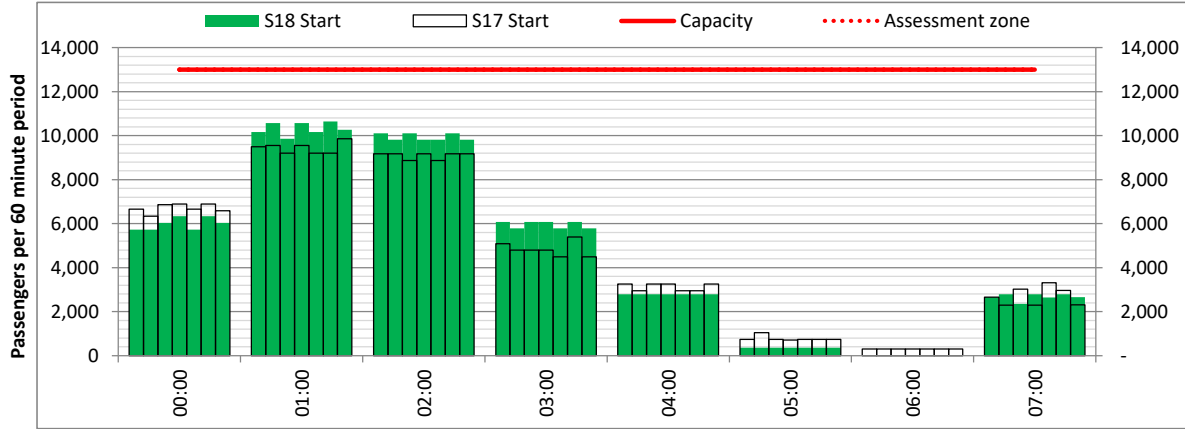


ARRIVAL - 60 minute count rolling every 60 mins (T60)

Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

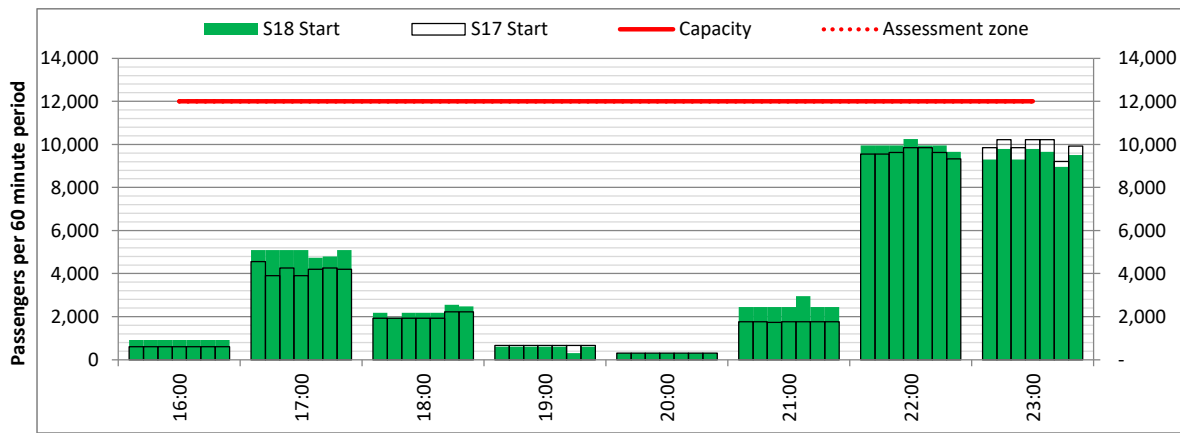
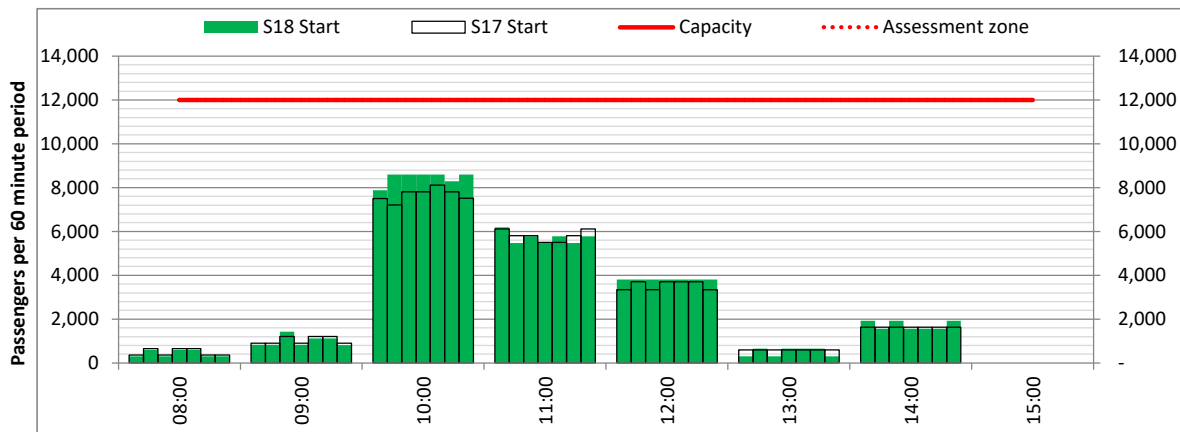
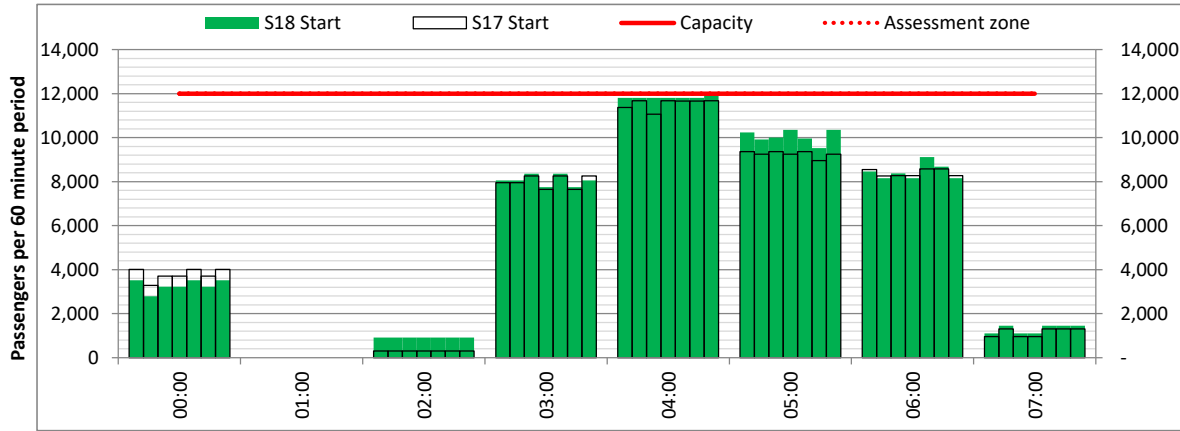
DEPARTURE - 60 minute count rolling every 60 mins (T60)



Terminals: 31

Operators: All Operators

Days: 1234567



Maximum

Time UTC	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
Arrivals																									
Max. Arrival	97%	100%	100%	100%	84%	52%	88%	100%	97%	86%	85%	70%	85%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	104%
Departures																									
Max. Departure	88%	82%	59%	103%	100%	98%	98%	100%	100%	91%	97%	100%	96%	80%	84%	86%	100%	100%	100%	100%	64%	81%	97%	100%	
Totals																									
Max. Total	92%	93%	85%	102%	92%	80%	94%	98%	98%	91%	100%	98%	100%	103%	98%	92%	100%	100%	100%	100%	86%	98%	98%	102%	

Average

Time UTC	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
Arrivals																									
Average Arrival	90%	100%	100%	95%	75%	46%	83%	94%	95%	80%	81%	68%	79%	95%	94%	97%	96%	98%	100%	99%	100%	93%	89%	102%	
Departures																									
Average Departure	78%	78%	51%	98%	99%	98%	95%	98%	96%	88%	96%	100%	93%	74%	80%	80%	96%	100%	99%	99%	57%	75%	96%	100%	
Totals																									
Average Total	85%	92%	82%	102%	90%	78%	91%	96%	95%	86%	97%	96%	98%	99%	95%	90%	96%	99%	100%	99%	83%	93%	93%	101%	

Primary Constraints by Terminal - Peak Week



Arrival/Departure	OK	R60	R10	GA	GRD	AA	T60	Grand Total
A	4,290	106	146		16			4558
D	4,306	100	42	8	36	7	16	4515
Grand Total	8,596	206	188	8	52	7	16	9,073

Percentage	OK	R60	R10	GA	GRD	AA	T60	Grand Total
A	94.1%	2.3%	3.2%	0.0%	0.4%	0.0%	0.0%	100.0%
D	95.4%	2.2%	0.9%	0.2%	0.8%	0.2%	0.3%	100.0%

Time UTC	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	Grand Total
Terminal 1	93	106	40	34	30	74	131	161	169	110	79	72	105	86	142	175	150	174	163	113	73	83	107	98	2568
OK	76	100	38	34	30	73	108	136	133	81	72	72	105	86	123	146	123	174	147	110	72	83	107	98	2327
GRD		1							7	15	4				1	7					1				36
R10	8	1	1					7	9	8	5	2			14				7	3					65
R60	9	4	1			1	16	16	21	9	1				4	22	27								140

Time UTC	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	Grand Total
Terminal 2	83	60	78	150	107	76	117	136	123	136	109	58	69	152	157	116	163	117	115	82	53	97	81	100	2535
OK	80	59	65	143	101	70	114	124	120	130	106	56	69	150	120	94	157	109	104	80	53	93	77	100	2374
GA															7	1									8
GRD					1					1					8										10
R10	3	1	11	6	3	6	2	11	3		1	1			10	13	3	7	11	1			3		96
R60			2	1	2		1	1			1	1		2	10	2	1	1		1		4	1		31
T60									6						2	7	1								16

Time UTC	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	Grand Total
Terminal 3	169	205	220	277	274	205	161	80	140	123	190	124	91	25	62	110	84	146	147	202	207	127	218	219	3806
OK	169	194	213	276	273	200	151	80	140	123	190	124	91	25	62	110	83	146	146	202	207	127	218	219	3769
AA							7																		7
R10			11	1		5											1								18
R60			7		1		3												1						12

Time UTC	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	Grand Total
Freight	11	7		1	5	6	3	18	8	29	11	16	8	14	3		6			6			6	6	164
OK	7	7		1	5	6	2	15	5	26	11	13	8	6	3					6			2	6	126
R60												2											4		6
R10							1	3	2	3															9
GRD	4							1				1		8	3		6								23

Runway Reason Code	
R60	60 Min Runway Availability
R10	10 Min Runway Availability

Other Reason Code	
AA	Apron Capacity
GRD	Arr Affected by Dep
GA	Gate Capacity
T60	Terminal Capacity

Peak Week Code F Arrivals and Departures



Time UTC	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	Grand Total	
Code F Arrivals	56	64	70	42	14			10	7	21	14				3	49	27		28	77	98	7	12	14	613	
Emirates	56	64	70	42	14			10	7	21	14				3	49	27		28	77	98	7	7	14	608	
1	8	9	10	6	2			1	1	3	2					7	4		4	11	14	1	1	2	86	
2	8	9	10	6	2			2	1	3	2				1	7	3		4	11	14	1	1	2	87	
3	8	9	10	6	2			1	1	3	2					7	4		4	11	14	1	1	2	86	
4	8	9	10	6	2			2	1	3	2				1	7	4		4	11	14	1	1	2	88	
5	8	9	10	6	2			1	1	3	2					7	4		4	11	14	1	1	2	86	
6	8	10	10	6	2			2	1	3	2				1	7	4		4	11	14	1	1	2	89	
7	8	9	10	6	2			1	1	3	2					7	4		4	11	14	1	1	2	86	
UPS																									5	
1																									0	
2																									1	
3																									1	
4																									1	
5																									1	
6																									1	
7																									0	
Time UTC	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	Grand Total	
Code F Departures	25			42	119	68	71	7			76	29	21						21	7					623	
Emirates	20			42	119	68	71	7			76	29	21						21	7					618	
1	3			6	17	10	10	1			10	5	3						3	1					88	
2	2			6	17	9	10	1			11	4	3						3	1					87	
3	3			6	17	10	10	1			11	4	3						3	1					88	
4	3			6	17	10	10	1			11	4	3						3	1					89	
5	3			6	17	10	11	1			11	4	3						3	1					90	
6	3			6	17	9	10	1			11	4	3						3	1					87	
7	3			6	17	10	10	1			11	4	3						3	1					89	
UPS	5																								5	
1	0																								0	
2	0																								0	
3	1																								1	
4	1																								1	
5	1																								1	
6	1																								1	
7	1																								1	
Grand Total	81	64	70	84	133	68	71	17	7	21	90	29	21		3	49	27		21	35	77	98	15	82	73	1236

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

Data snapshot descriptions

S17 Start	S17 schedule as cleared on Mon 27-Feb-17.
S17 End	S17 schedule as cleared on Fri 25-Aug-17.
S18 Start	S18 schedule as cleared on Mon 06-Mar-17.
Peak Week	Peak week for S17 is Mon 03-Jul-17 to Sun 09-Jul-17. Peak week for S18 is Mon 03-Sep-18 to Sun 09-Sep-18.

For ACL use

	Airport-Season-Branch-Resource	From date	To date	Time
Full Season Rep 1	DXB-S17-SOS Report-Standard	Sun 26-Mar-2017	Sat 28-Oct-2017	UTC
Full Season Rep 2	DXB-S17-Live-Standard	Sun 26-Mar-2017	Sat 28-Oct-2017	UTC
Full Season Rep 3	DXB-S18-SOS Report-Standard	Sun 25-Mar-2018	Sat 27-Oct-2018	UTC
	Airport-Season-Branch-Resource	From date	To date	Time
Peak Week Rep 1	DXB-S17-SOS Report-Standard	Mon 03-Jul-2017	Sun 09-Jul-2017	UTC
Peak Week Rep 2	DXB-S17-Live-Standard	Mon 17-Apr-2017	Sun 23-Apr-2017	UTC
Peak Week Rep 3	DXB-S18-SOS Report-Standard	Mon 03-Sep-2018	Sun 09-Sep-2018	UTC