

Heathrow Airport (LHR)

Summer 2019 (S19)



Start of Season Report

Report Date: Fri 27-Sep-2019

Headlines

	S19 Start	vs. S18 Start	vs. S18 End
Total Air Transport Movements (Passenger & Freight)	288,525	▲ 1.1%	▲ 2.3%
Total Passenger Air Transport Movements	286,701	▲ 1.1%	▲ 2.3%
Total Passenger Air Transport Movement Seats	62,020,755	▲ 1.4%	▲ 3.0%
Average Seats per Passenger Air Transport Movement	216	▲ 0.2%	▲ 0.6%
Percentage of allocated slots cleared as requested (OK)	98.8%		

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

S19 scheduling season runs from Sun 31-Mar-2019 to Sat 26-Oct-2019 (210 days).

S18 full season data is adjusted by a factor of 0.96774 in order to directly compare against S19 full season data.

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Runway Scheduling Limits



Declared Hourly Movement Capacity

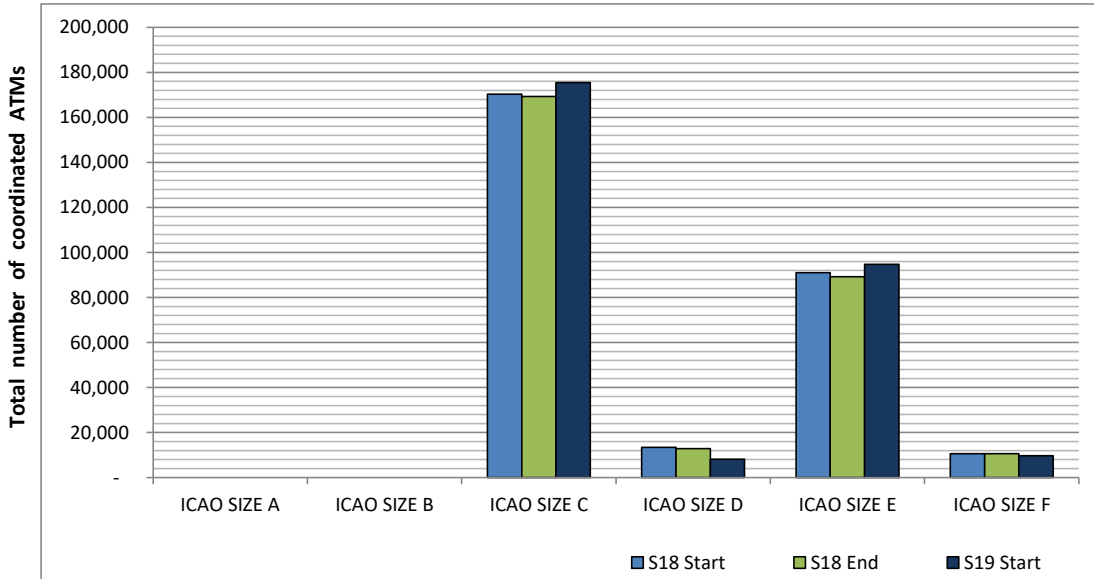
S18 Arrivals								Change: S18 to S19								S19 Arrivals							
Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun
UTC	1	2	3	4	5	6	7	UTC	1	2	3	4	5	6	7	UTC	1	2	3	4	5	6	7
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01	16	16	16	16	16	16	16	01								01	16	16	16	16	16	16	16
02	16	16	16	16	16	16	16	02								02	16	16	16	16	16	16	16
03	16	16	16	16	16	16	16	03								03	16	16	16	16	16	16	16
04	16	16	16	16	16	16	16	04								04	16	16	16	16	16	16	16
05	39	39	39	39	39	39	39	05								05	39	39	39	39	39	39	39
06	39	39	39	39	39	39	39	06								06	39	39	39	39	39	39	39
07	37	37	37	37	37	37	37	07	2	2	2	2	2	2	2	07	39	39	39	39	39	39	39
08	45	45	45	45	45	45	45	08	-1	-1	-1	-1	-1	-1	-1	08	44	44	44	44	44	44	44
09	42	42	42	42	42	42	42	09	1	1	1	1	1	1	1	09	43	43	43	43	43	43	43
10	41	41	41	41	41	41	41	10	-1	-1	-1	-1	-1	-1	-1	10	40	40	40	40	40	40	40
11	40	40	40	40	40	40	40	11	1	1	1	1	1	1	1	11	41	41	41	41	41	41	41
12	43	43	43	43	43	43	43	12	-2	-2	-2	-2	-2	-2	-2	12	41	41	41	41	41	41	41
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14	41	41	41	41	41	41	41	14	-1	-1	-1	-1	-1	-1	-1	14	40	40	40	40	40	40	40
15	43	43	43	43	43	43	43	15	1	1	1	1	1	1	1	15	44	44	44	44	44	44	44
16	42	42	42	42	42	42	42	16								16	42	42	42	42	42	42	42
17	45	45	45	45	45	45	45	17								17	45	45	45	45	45	45	45
18	43	43	43	43	43	43	43	18								18	43	43	43	43	43	43	43
19	40	40	40	40	40	40	40	19	-1	-1	-1	-1	-1	-1	-1	19	39	39	39	39	39	39	39
20	43	43	43	43	43	43	43	20								20	43	43	43	43	43	43	43
21	22	22	22	22	22	22	22	21	2	2	2	2	2	2	2	21	24	24	24	24	24	24	24
22	3	3	3	3	3	3	3	22								22	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	23								23	3	3	3	3	3	3	3

S18 Departures								Change: S18 to S19								S19 Departures							
Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun
UTC	1	2	3	4	5	6	7	UTC	1	2	3	4	5	6	7	UTC	1	2	3	4	5	6	7
00	16	16	16	16	16	16	16	00								00	16	16	16	16	16	16	16
01	16	16	16	16	16	16	16	01								01	16	16	16	16	16	16	16
02	16	16	16	16	16	16	16	02								02	16	16	16	16	16	16	16
03	16	16	16	16	16	16	16	03								03	16	16	16	16	16	16	16
04	16	16	16	16	16	16	16	04								04	16	16	16	16	16	16	16
05	25	25	25	25	25	25	25	05								05	25	25	25	25	25	25	25
06	45	45	45	45	45	45	45	06								06	45	45	45	45	45	45	45
07	42	42	42	42	42	42	42	07	-1	-1	-1	-1	-1	-1	-1	07	41	41	41	41	41	41	41
08	45	45	45	45	45	45	45	08	1	1	1	1	1	1	1	08	46	46	46	46	46	46	46
09	43	43	43	43	43	43	43	09								09	43	43	43	43	43	43	43
10	44	44	44	44	44	44	44	10	-1	-1	-1	-1	-1	-1	-1	10	43	43	43	43	43	43	43
11	40	40	40	40	40	40	40	11	2	2	2	2	2	2	2	11	42	42	42	42	42	42	42
12	44	44	44	44	44	44	44	12	-1	-1	-1	-1	-1	-1	-1	12	43	43	43	43	43	43	43
13	45	45	45	45	45	45	45	13								13	45	45	45	45	45	45	45
14	44	44	44	44	44	44	44	14	1	1	1	1	1	1	1	14	45	45	45	45	45	45	45
15	45	45	45	45	45	45	45	15	-1	-1	-1	-1	-1	-1	-1	15	44	44	44	44	44	44	44
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17	44	44	44	44	44	44	44	17								17	44	44	44	44	44	44	44
18	44	44	44	44	44	44	44	18	1	1	1	1	1	1	1	18	45	45	45	45	45	45	45
19	45	45	45	45	45	45	45	19								19	45	45	45	45	45	45	45
20	32	32	32	32	32	32	32	20	-2	-2	-2	-2	-2	-2	-2	20	30	30	30	30	30	30	30
21	31	31	31	31	31	31	31	21	1	1	1	1	1	1	1	21	32	32	32	32	32	32	32
22	2	2	2	2	2	2	2	22								22	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	23								23	2	2	2	2	2	2	2

Full Season - Aircraft Size Analysis

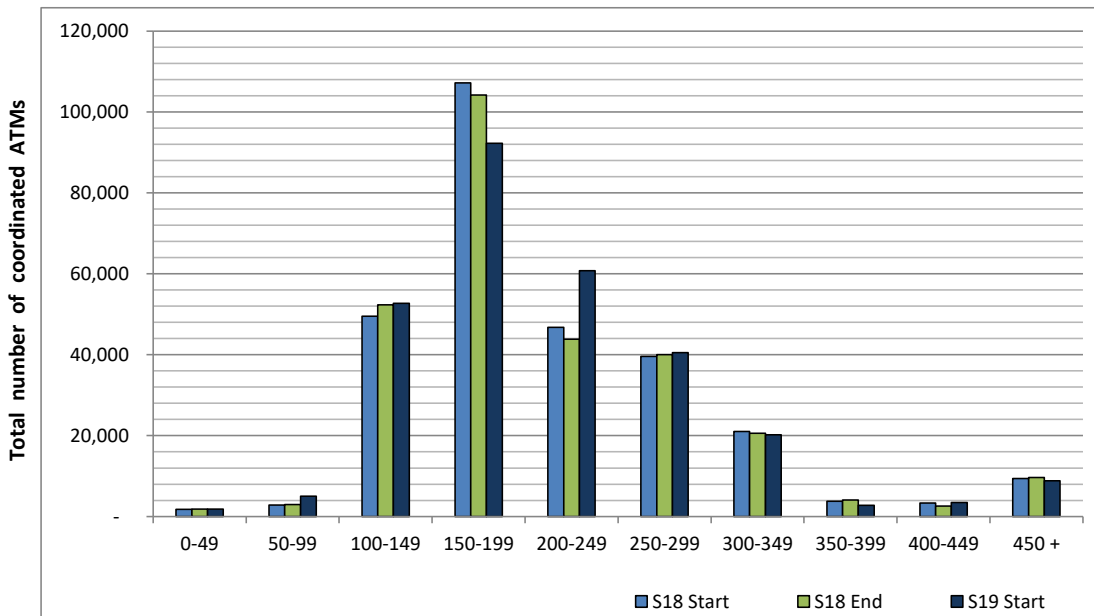


ICAO size designation



Note: See Glossary for definitions of ICAO SIZE groupings

Air Transport Movement seat distribution

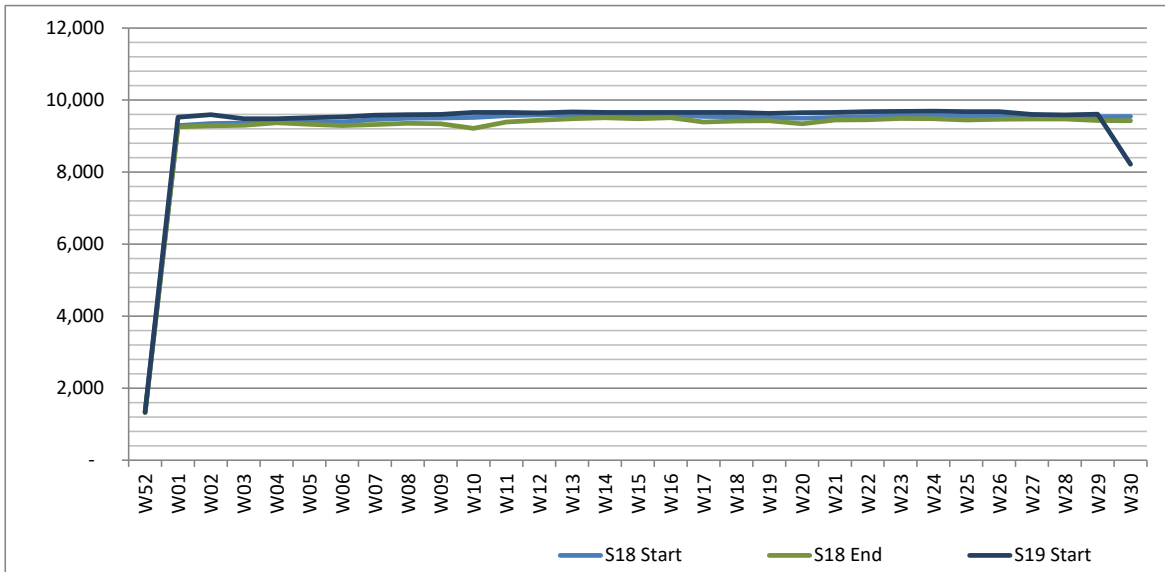


Note: FREIGHT-ONLY services with 0 seats are included in the first seat band '0-49'

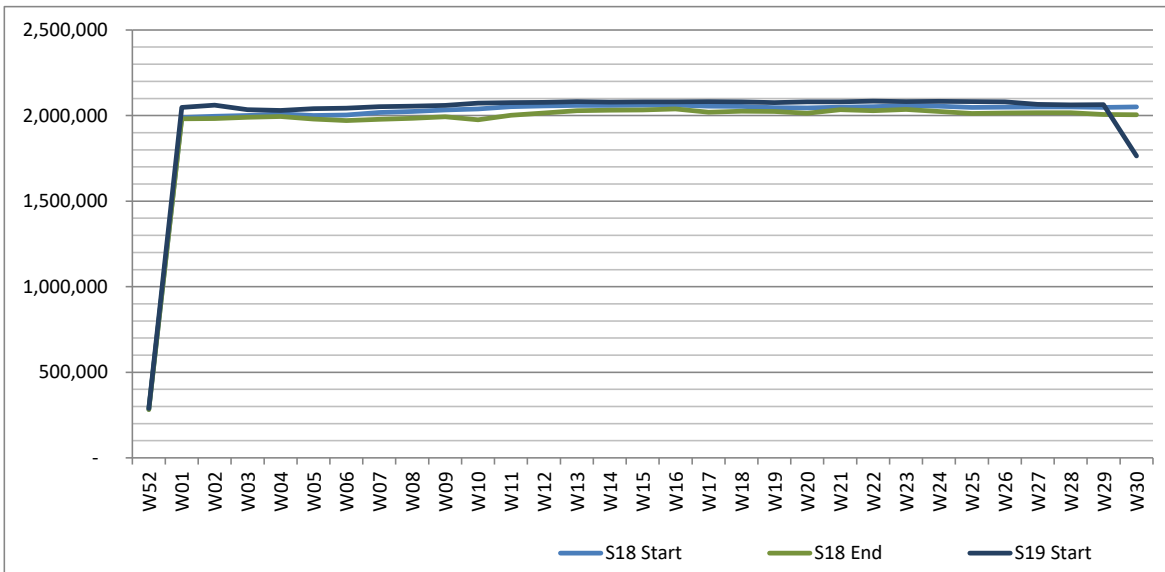
Full Season - Seasonality



Air Transport Movements by week of season



Air Transport Movement Seats by week of season



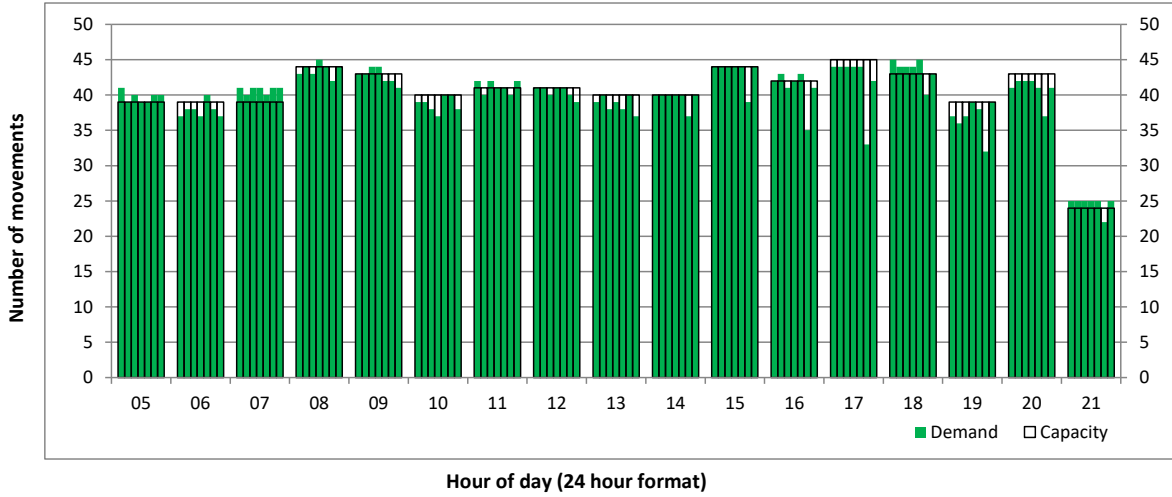
Peak Week - Hourly Runway Demand

Schedule: S19 Start



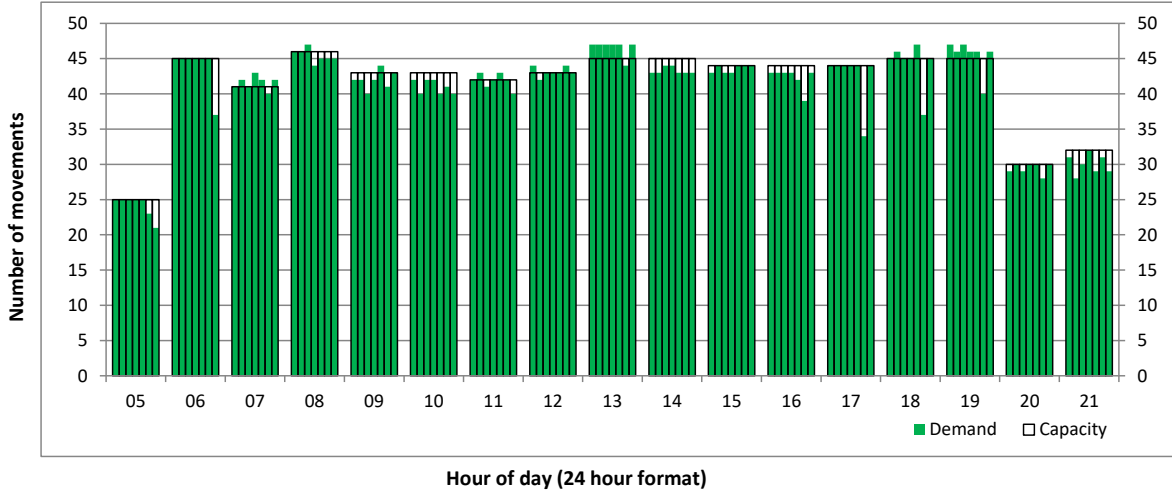
Hourly Arrival Demand

Time: UTC



Hourly Departure Demand

Time: UTC



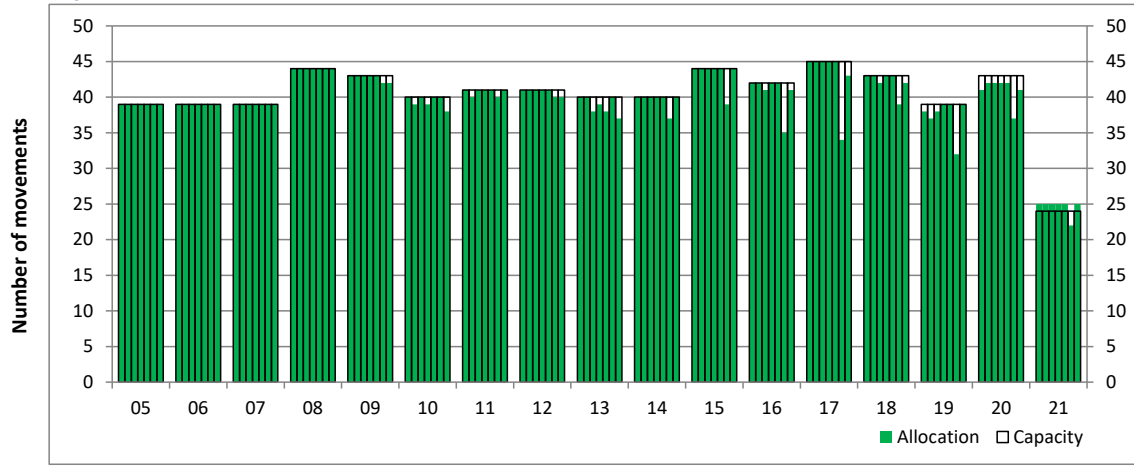
Peak Week - Hourly Runway Allocation

Schedule: S19 Start



Hourly Arrival Allocation

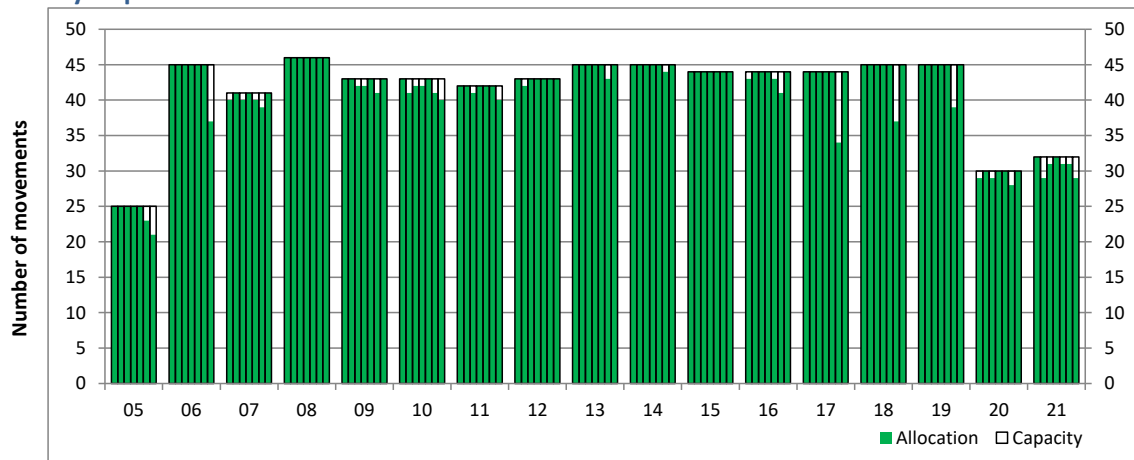
Time: UTC



Hour of day (24 hour format)

Hourly Departure Allocation

Time: UTC



Hour of day (24 hour format)

Peak Week - Passengers Histogram

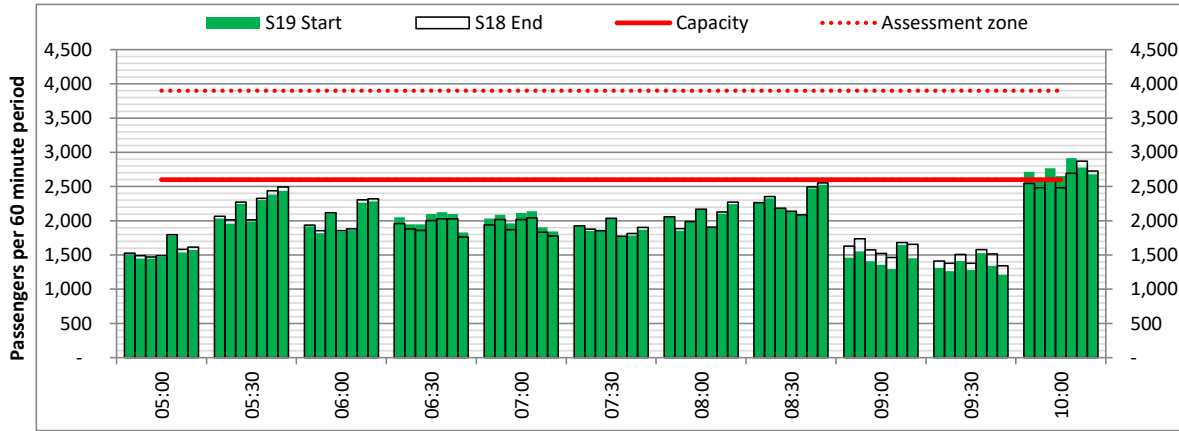
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



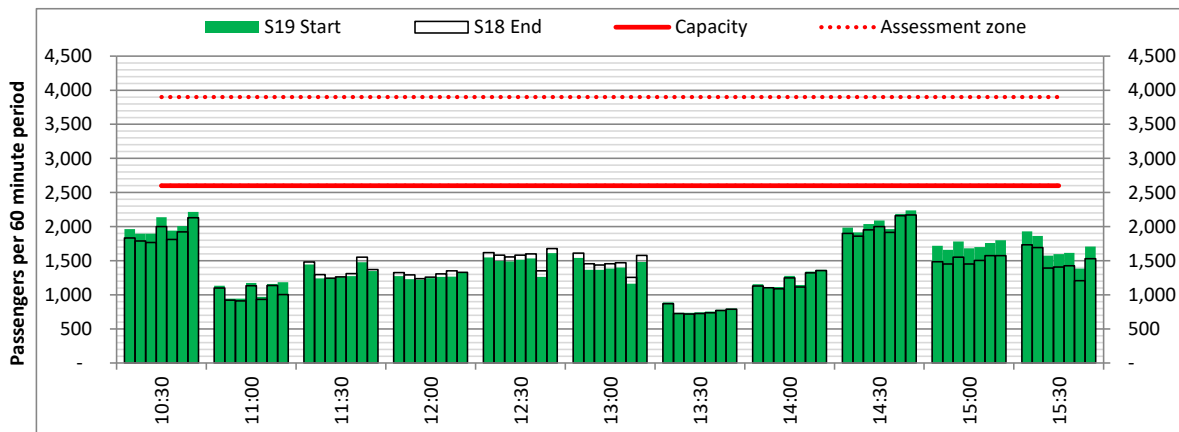
Terminals: 2I

Operators: All Operators

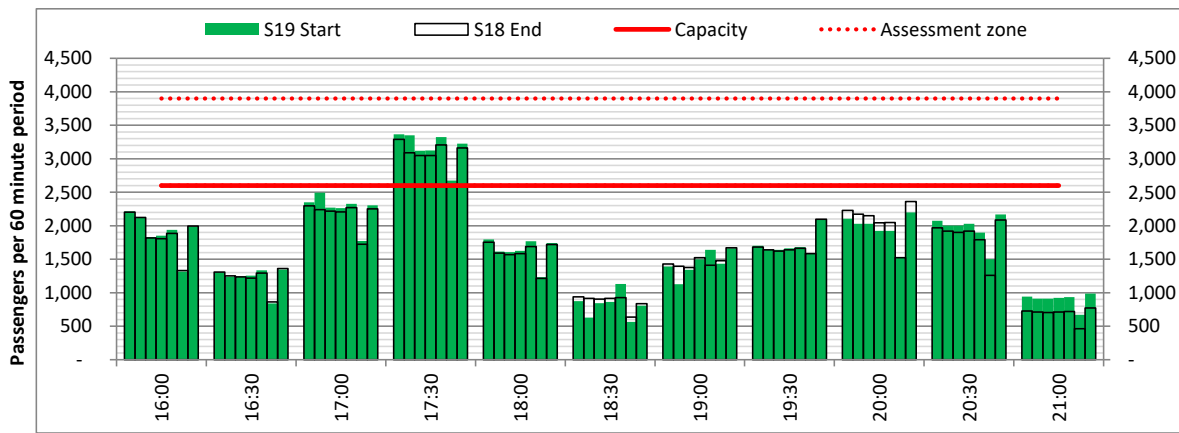
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

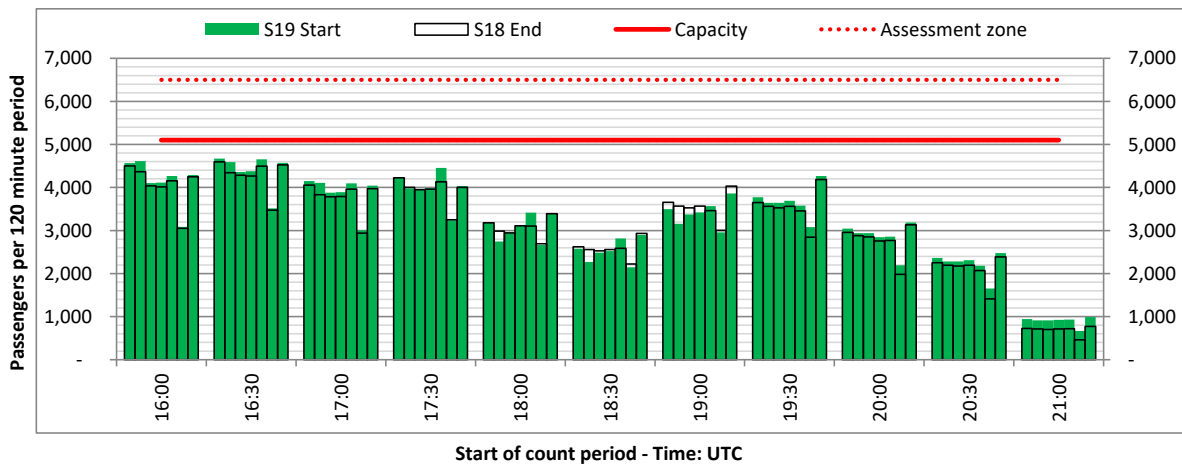
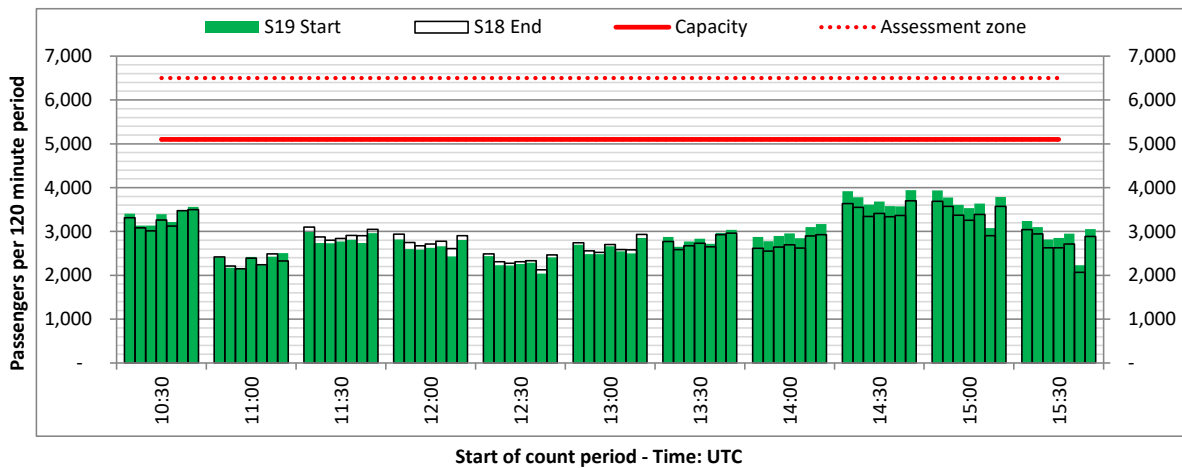
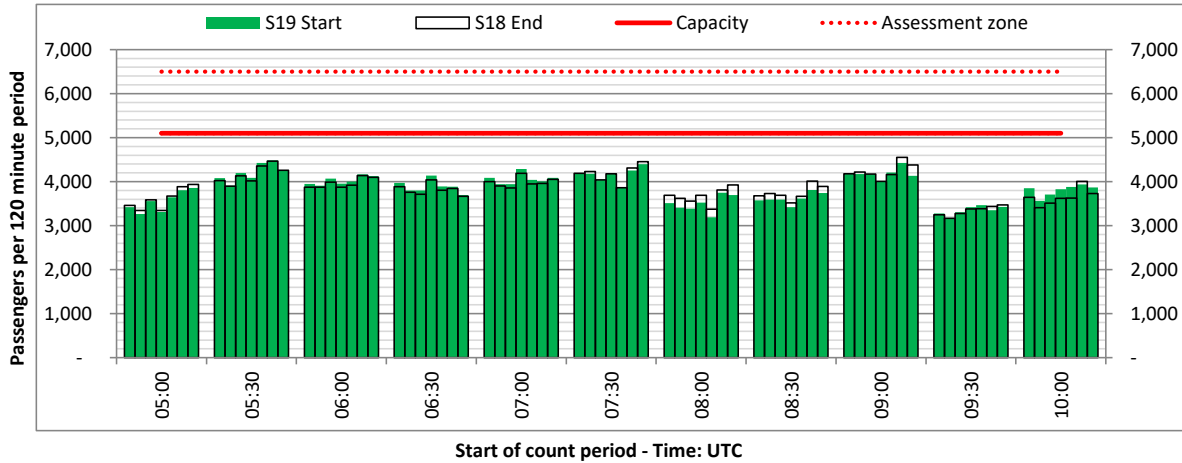
ARRIVAL - 120 minute count rolling every 30 mins (T2H/30)



Terminals: 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

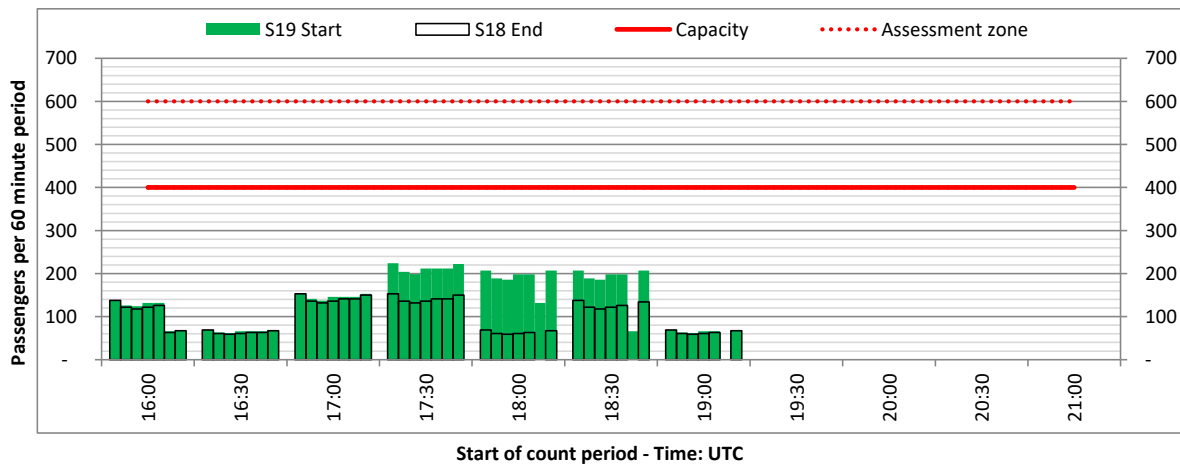
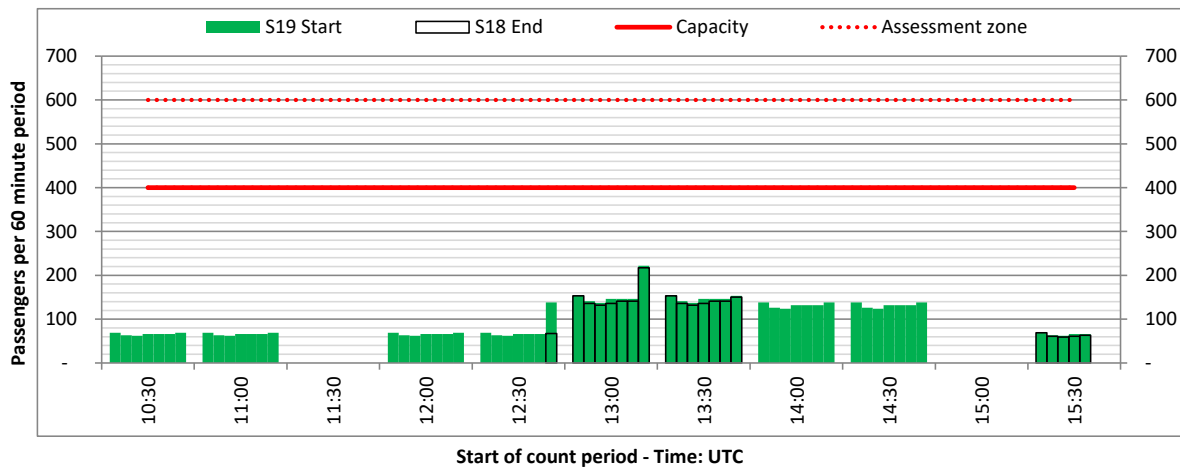
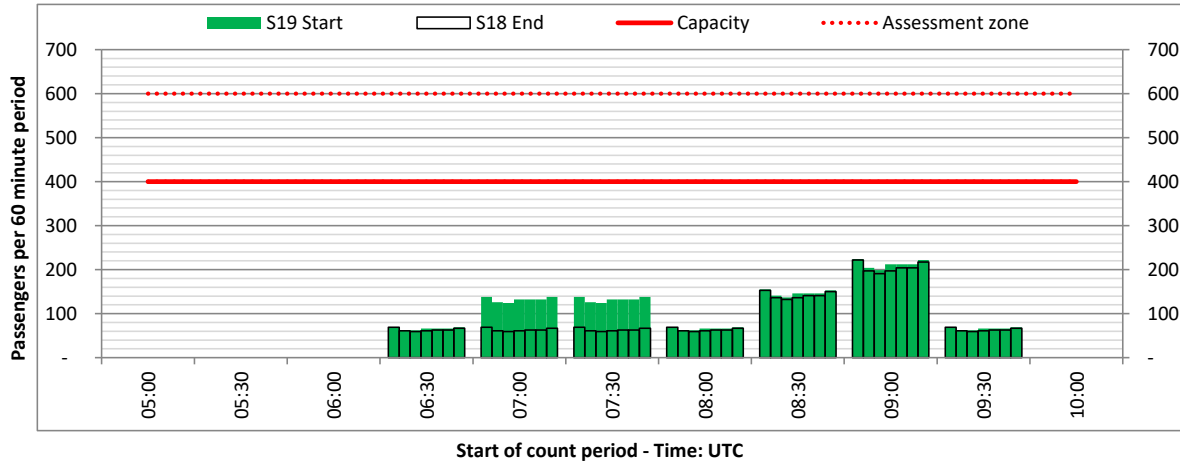
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 2D

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

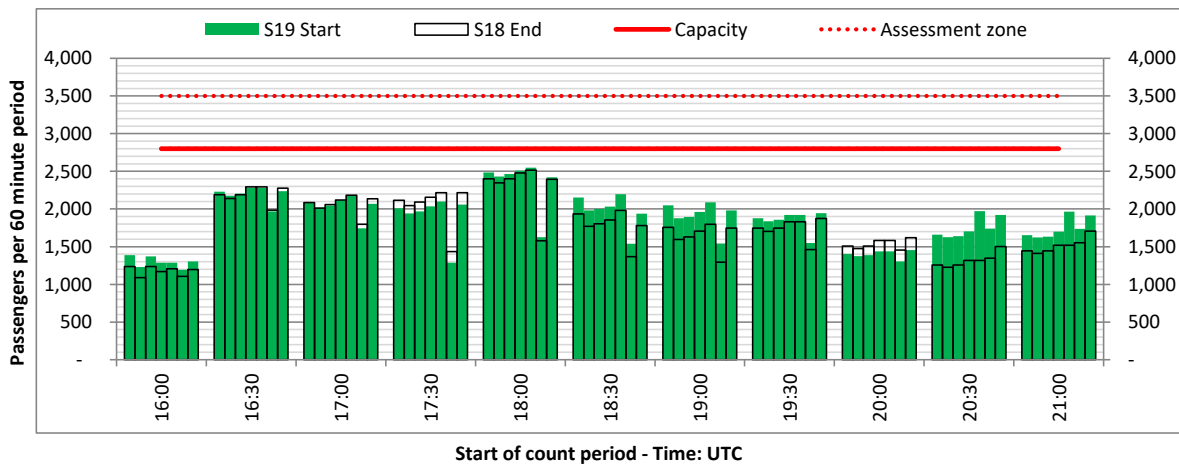
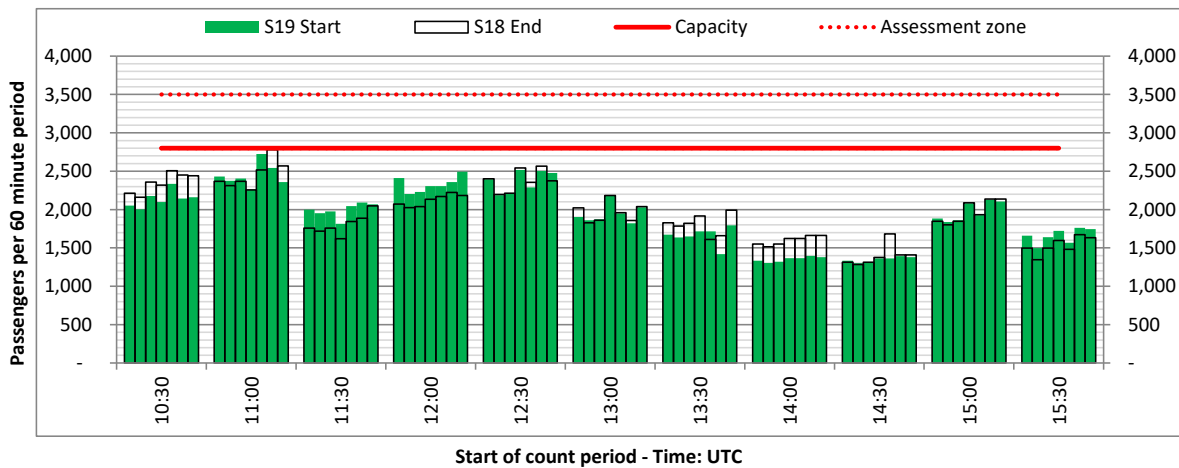
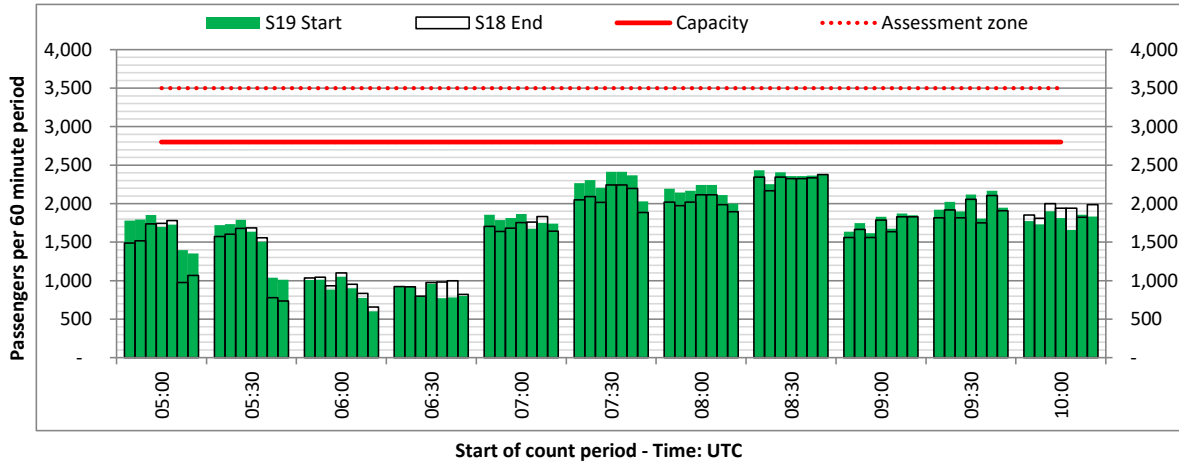
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals: 2D 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

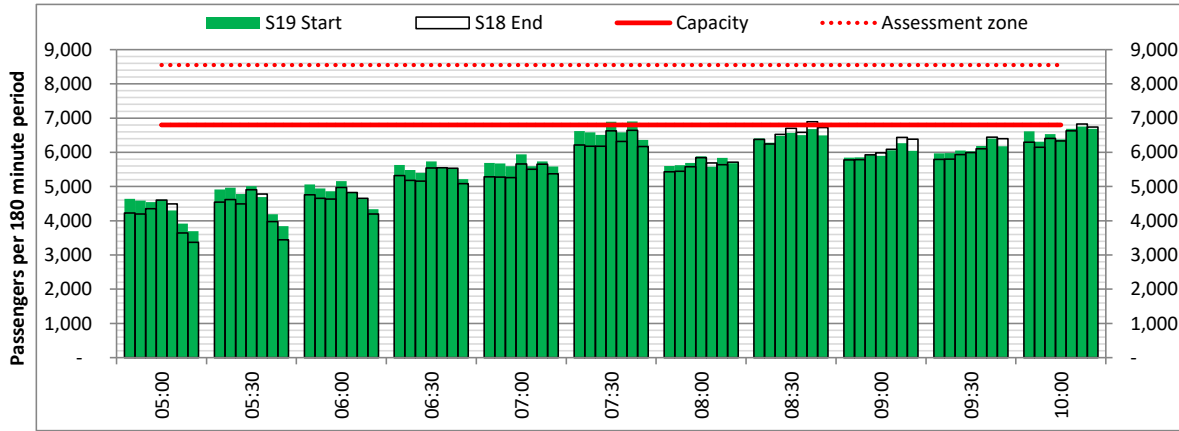
DEPARTURE - 180 minute count rolling every 30 mins (T3H/30)



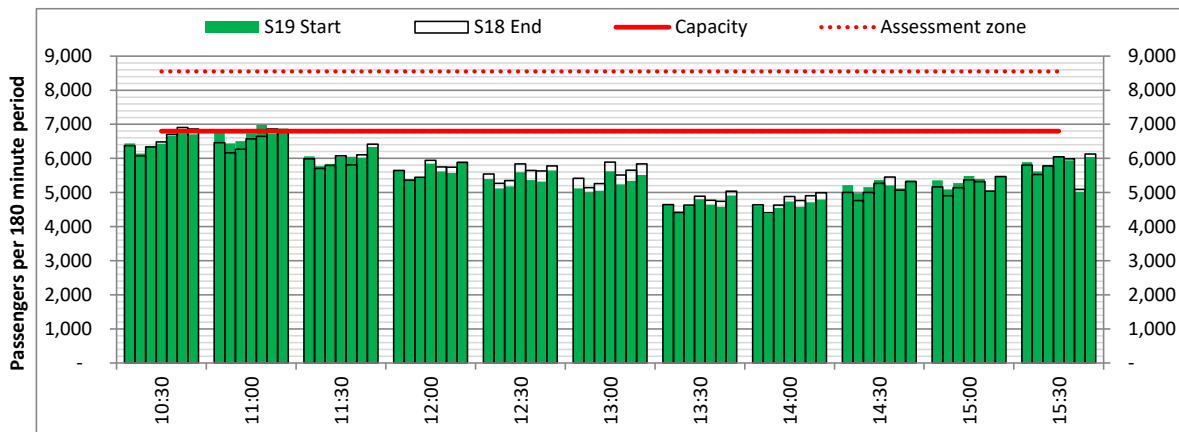
Terminals: 2D 2I

Operators: All Operators

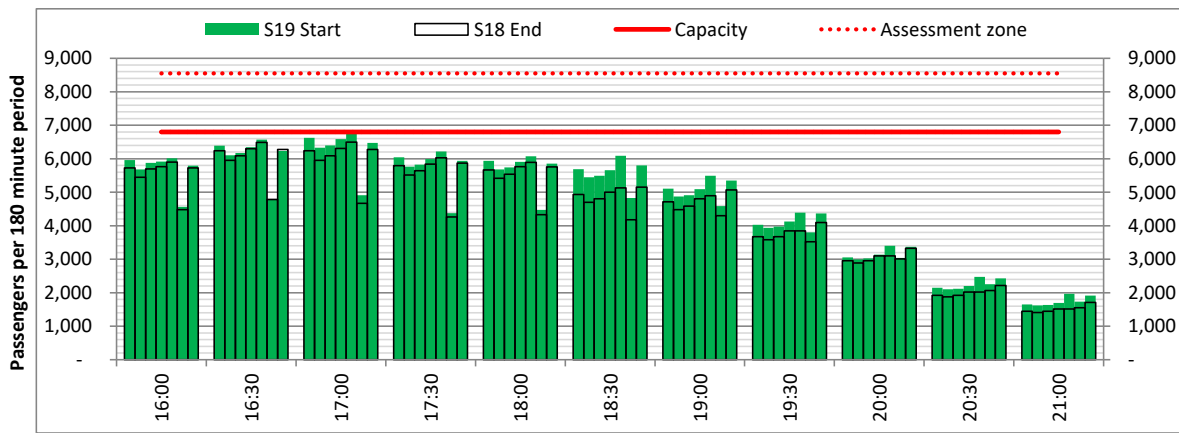
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

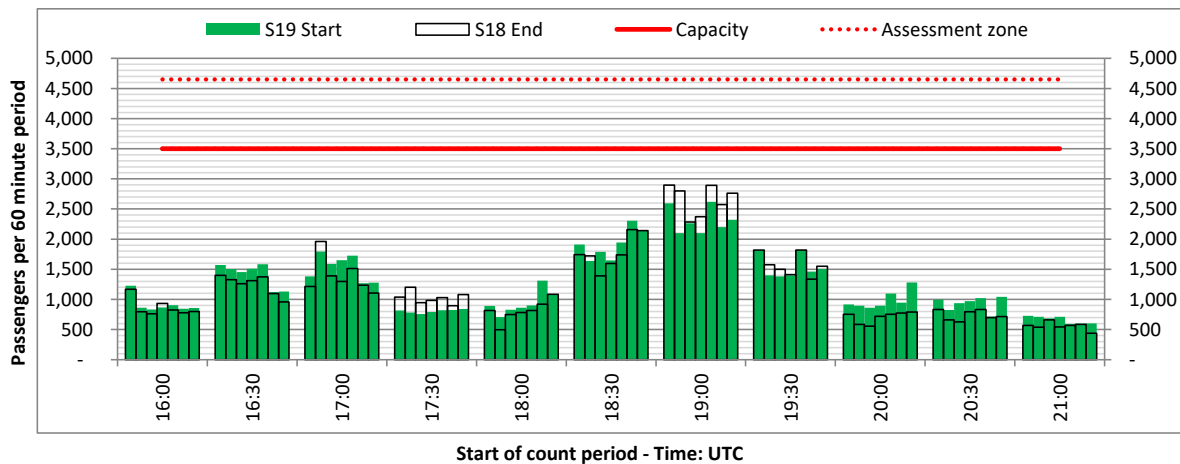
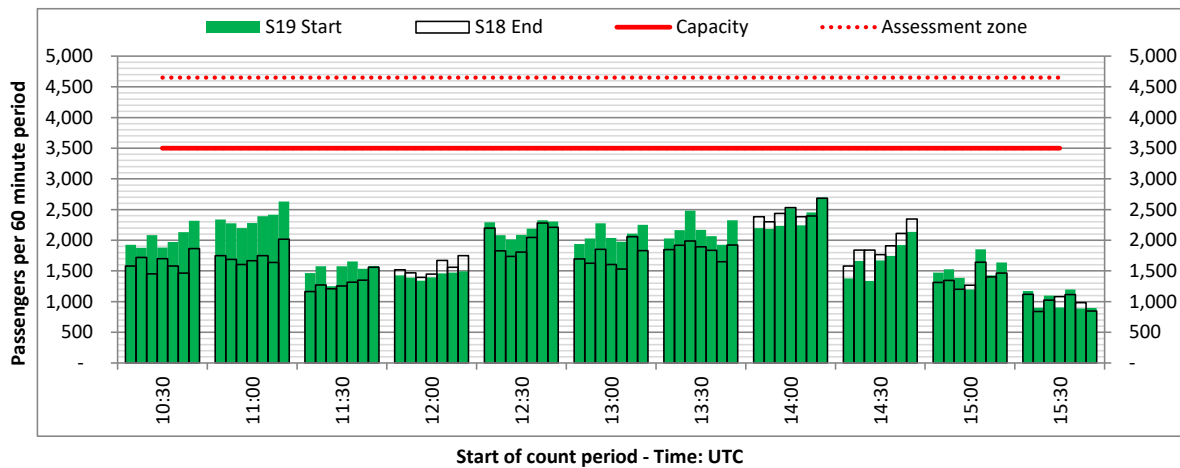
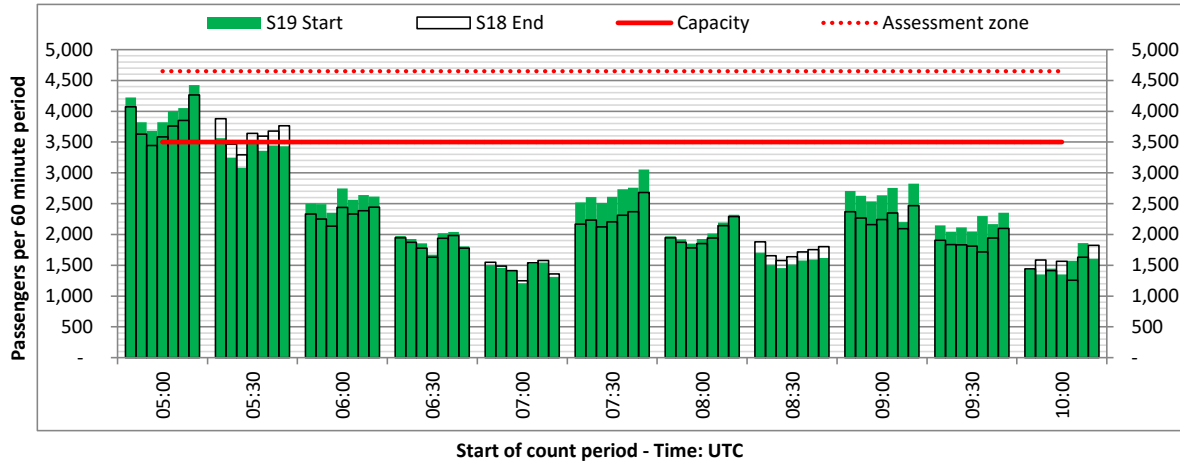
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 31

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

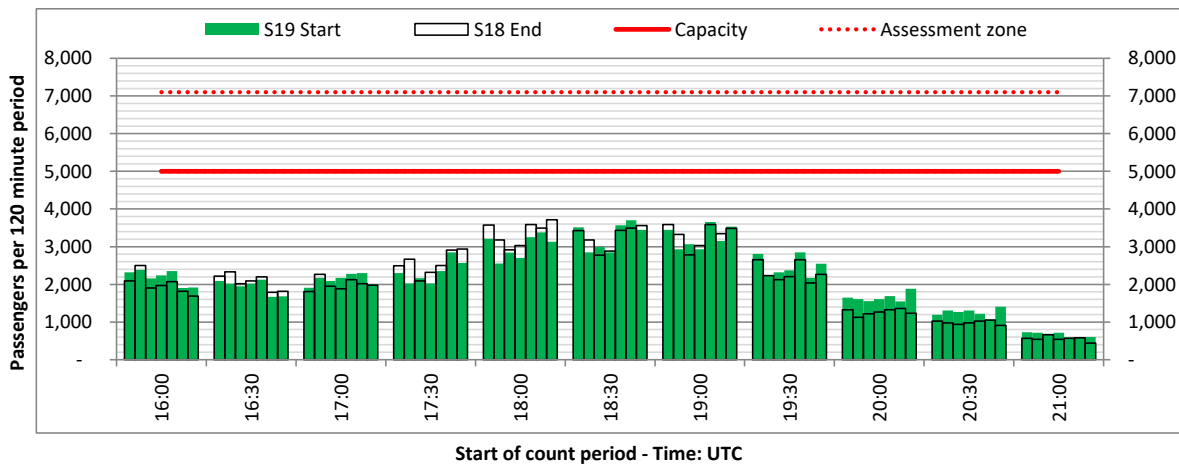
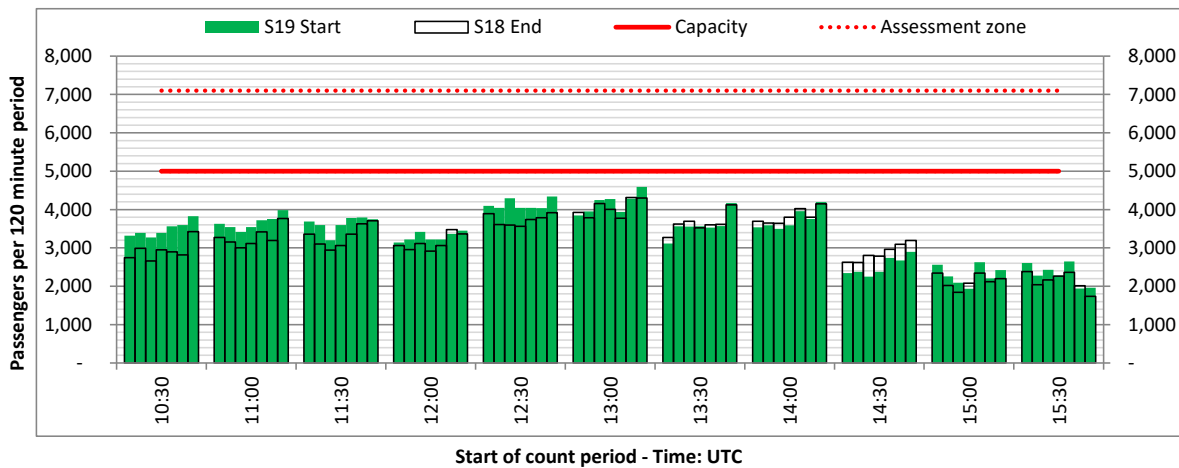
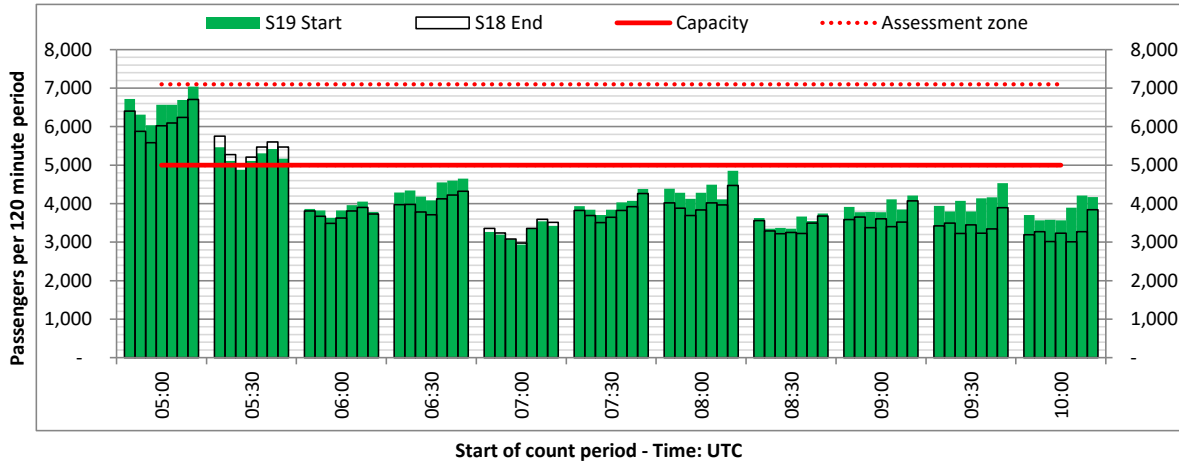
ARRIVAL - 120 minute count rolling every 30 mins (T2H/30)



Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

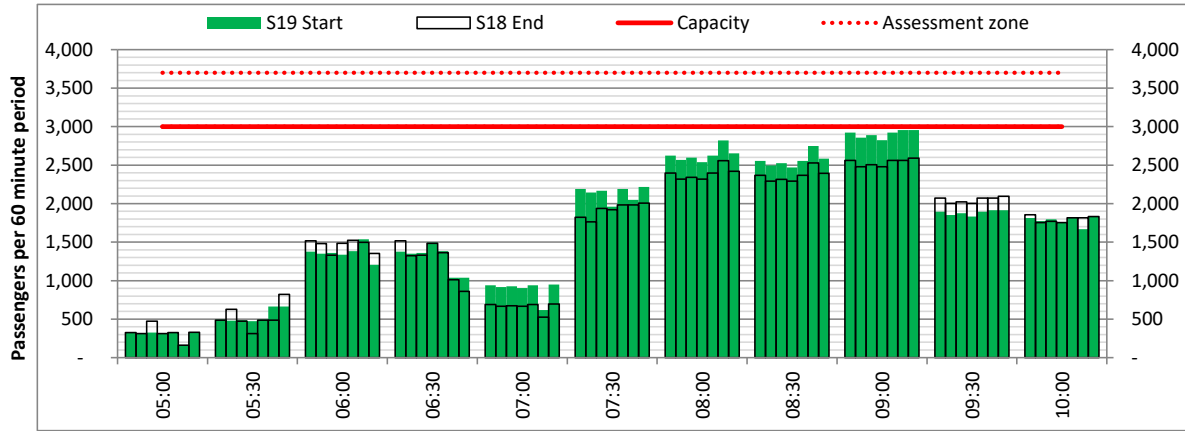
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



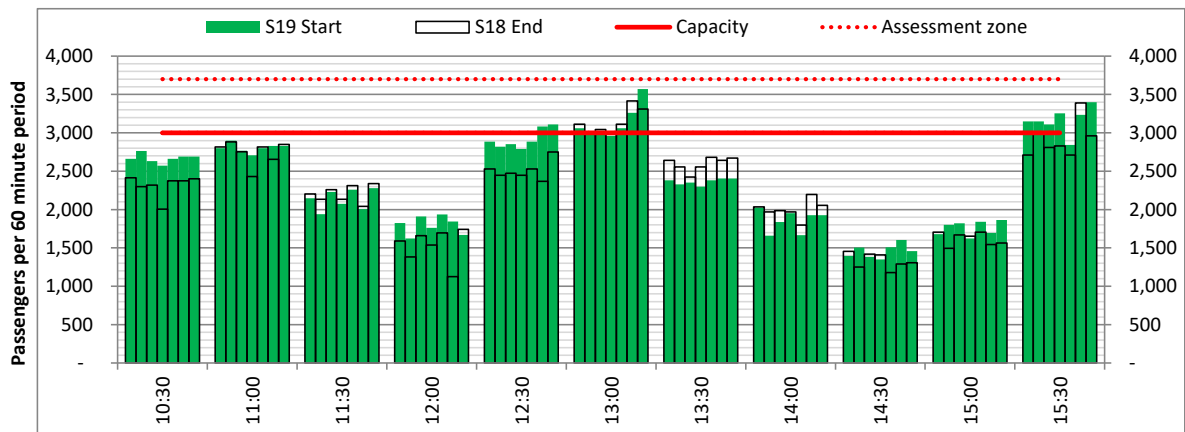
Terminals: 3I

Operators: All Operators

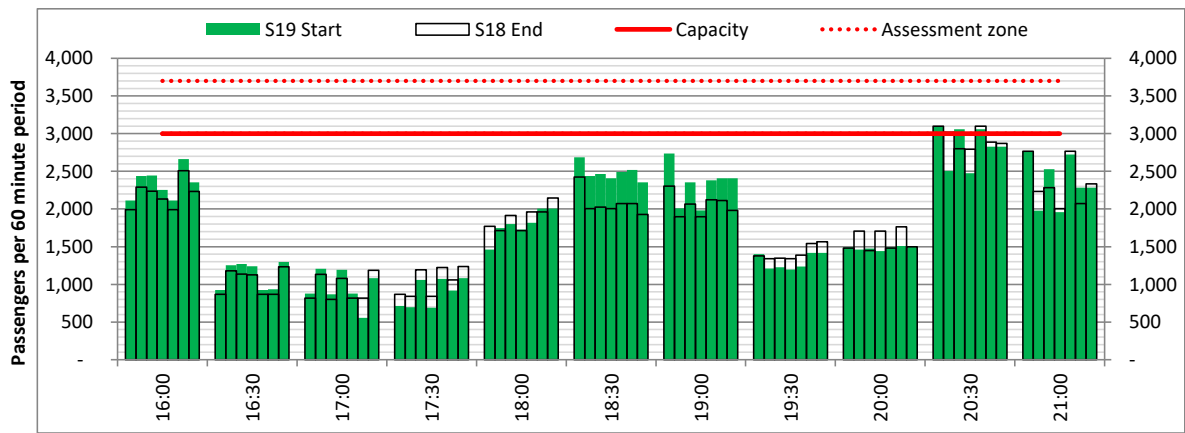
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

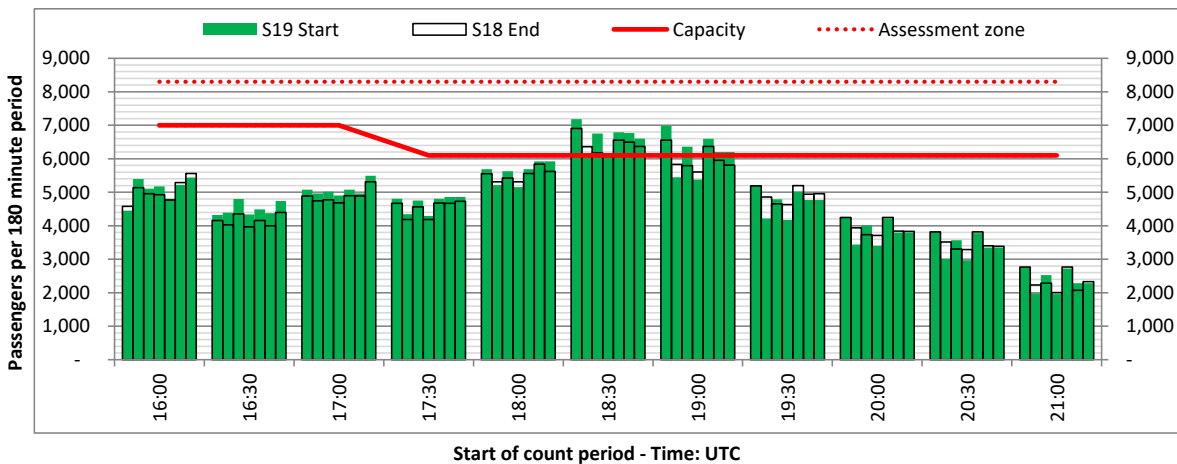
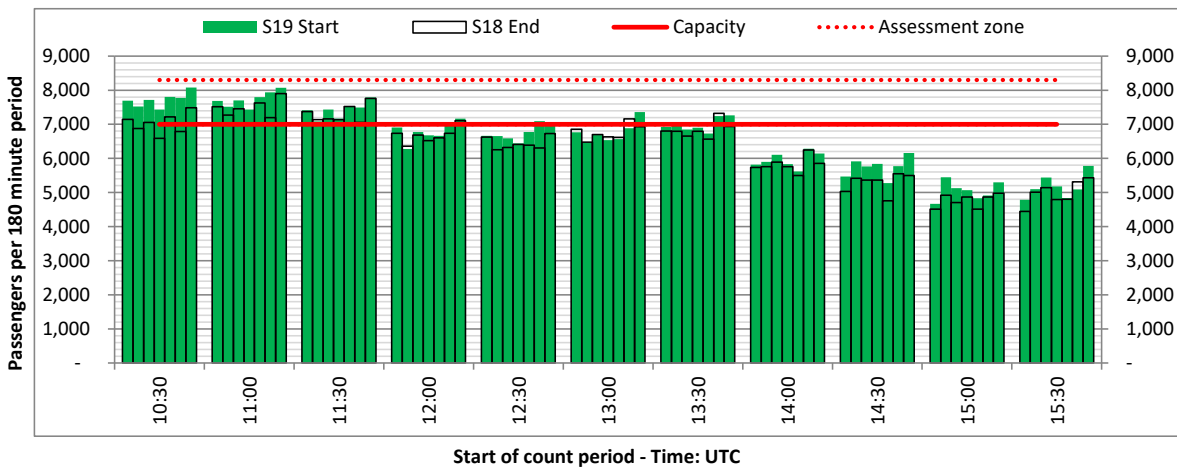
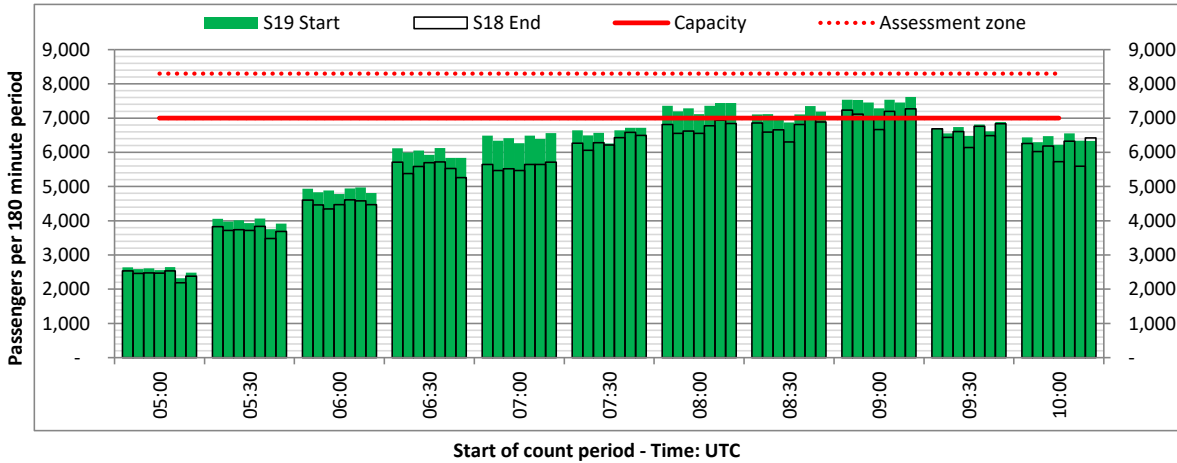
DEPARTURE - 180 minute count rolling every 30 mins (T3H/30)



Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

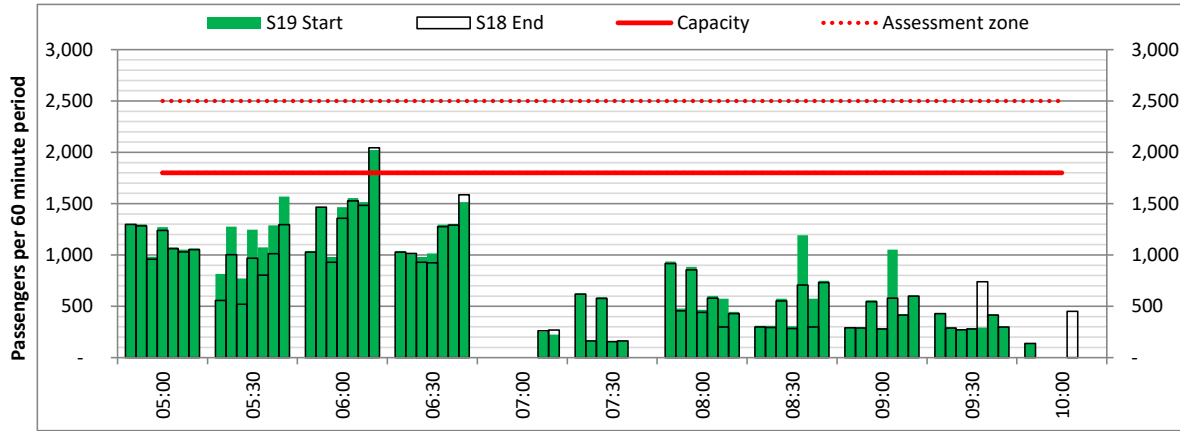
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



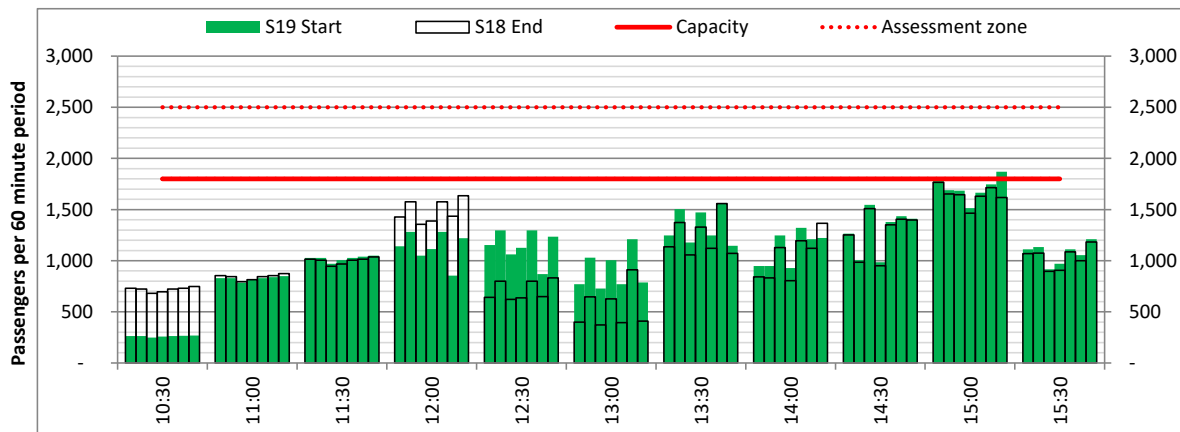
Terminals: 4I

Operators: All Operators

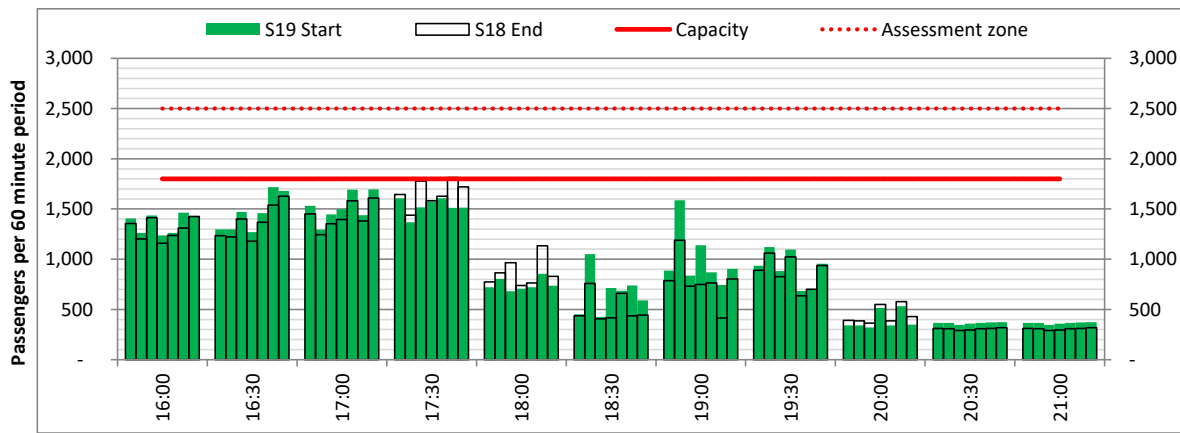
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

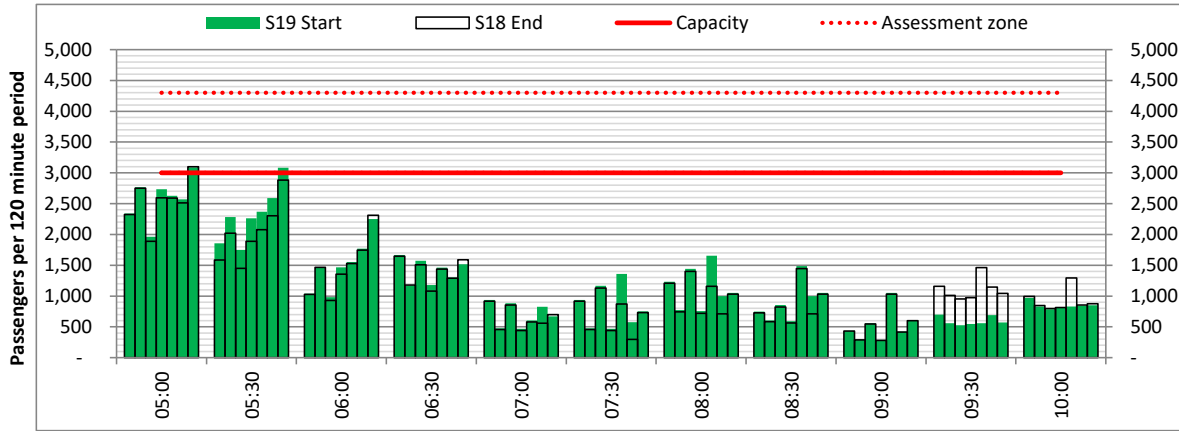
ARRIVAL - 120 minute count rolling every 30 mins (T2H/30)



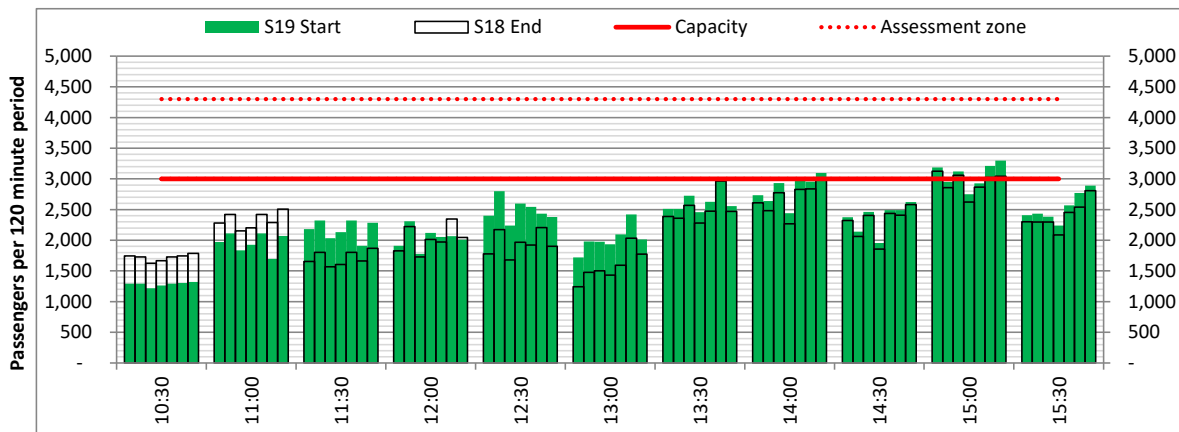
Terminals: 4I

Operators: All Operators

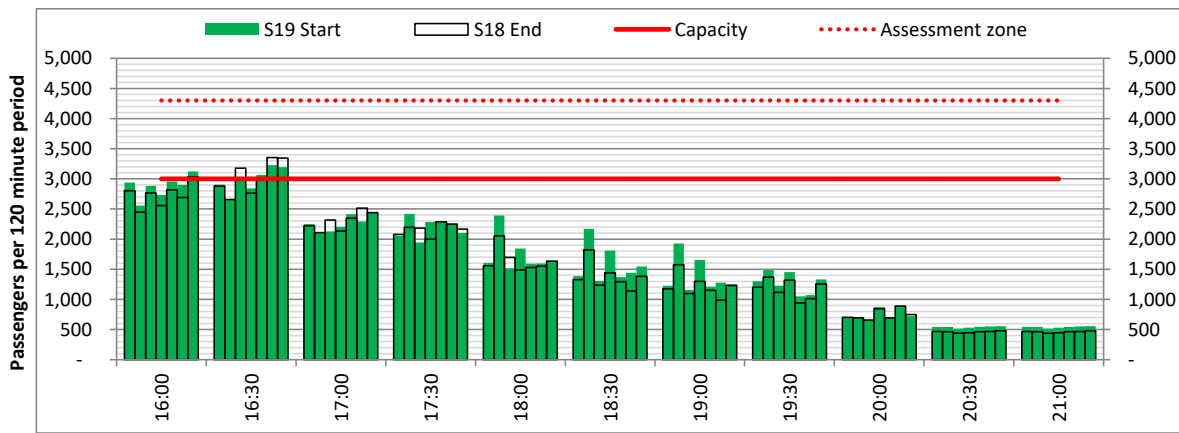
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

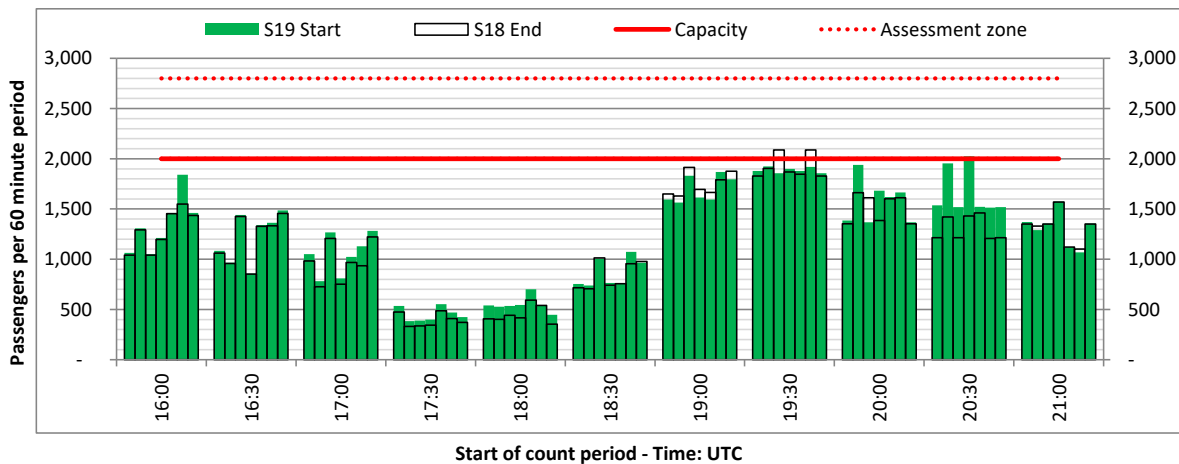
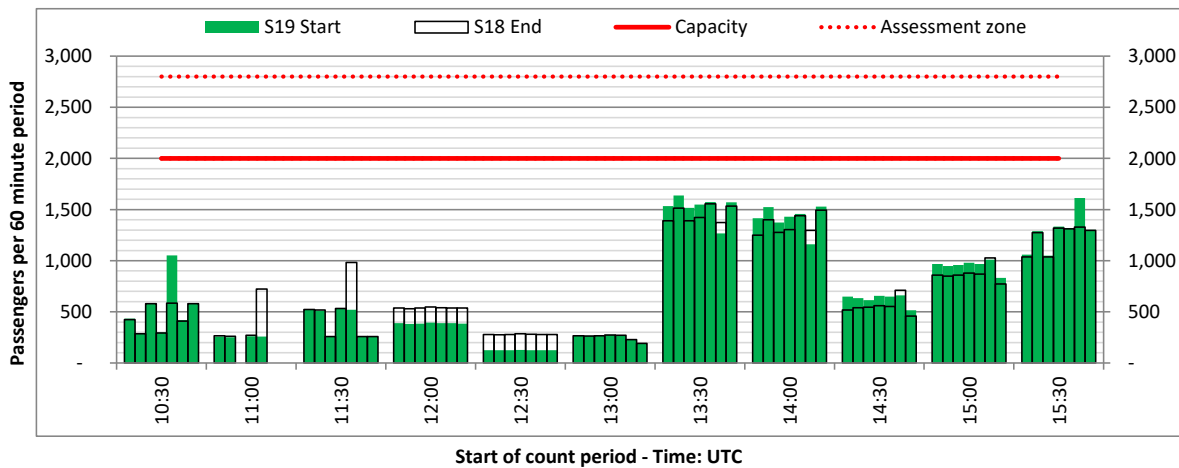
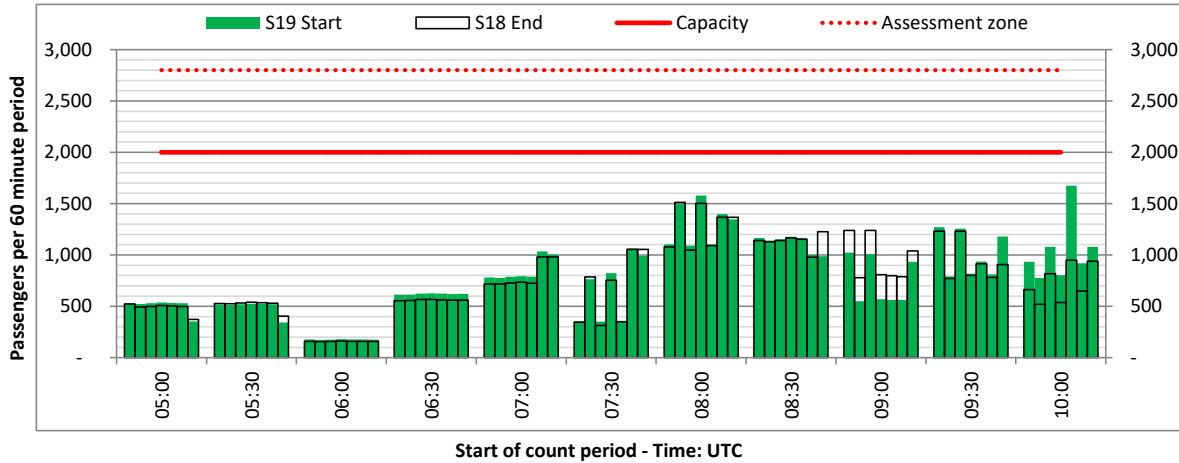
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals: 4I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

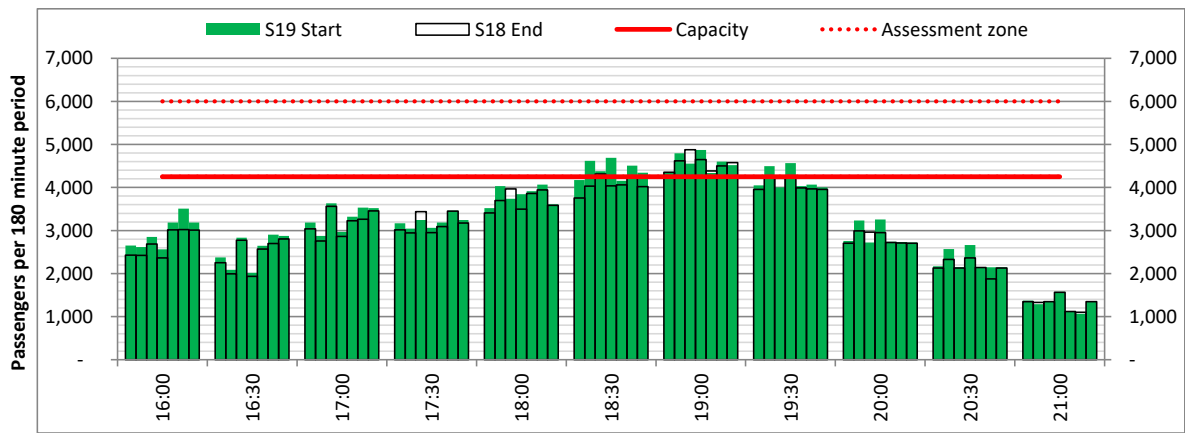
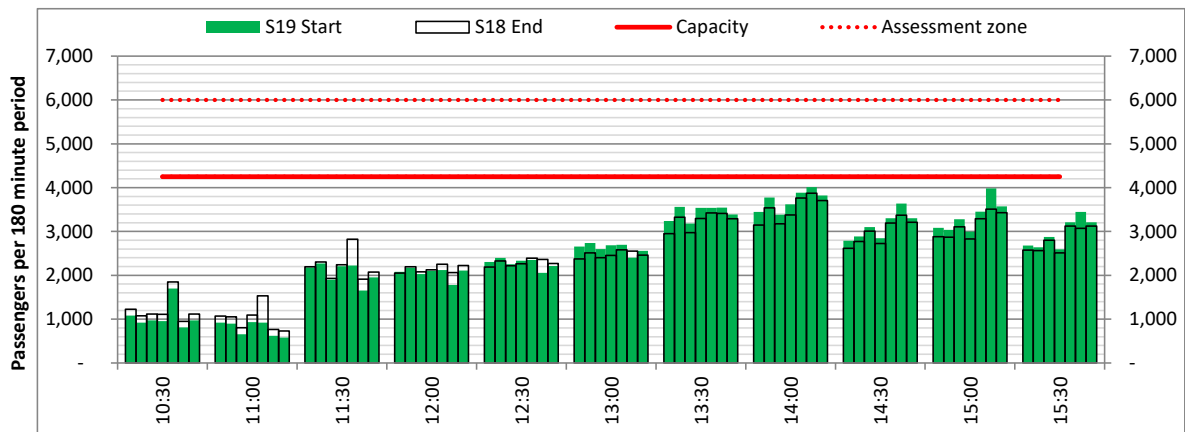
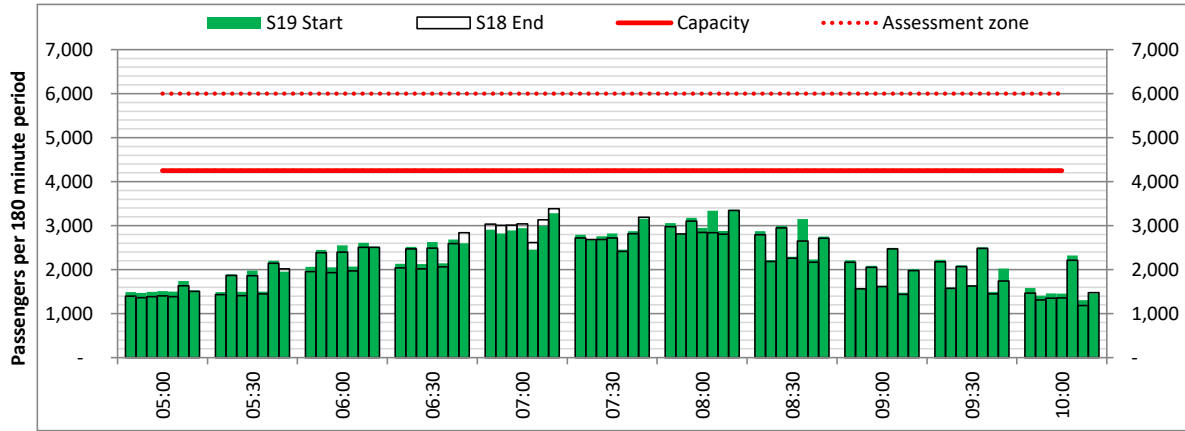
DEPARTURE - 180 minute count rolling every 30 mins (T3H/30)



Terminals: 4I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

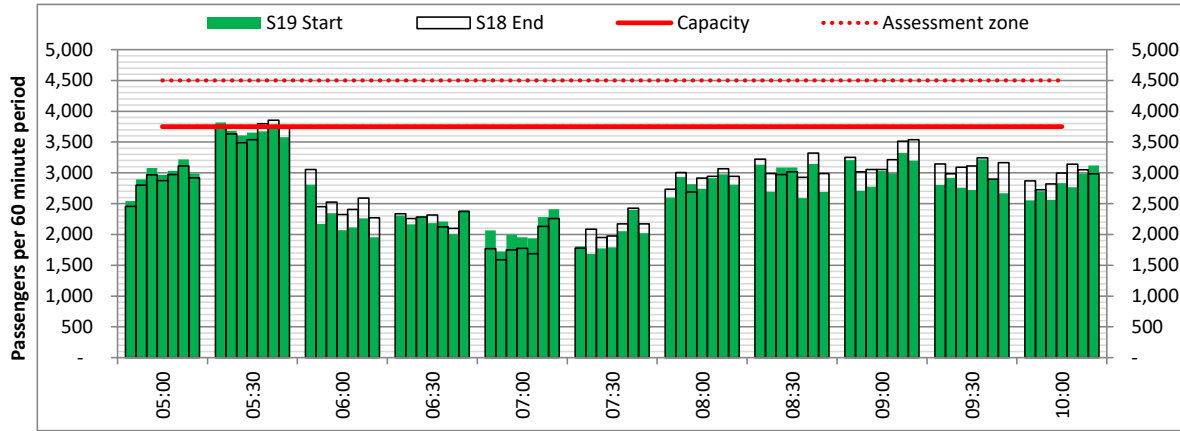
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



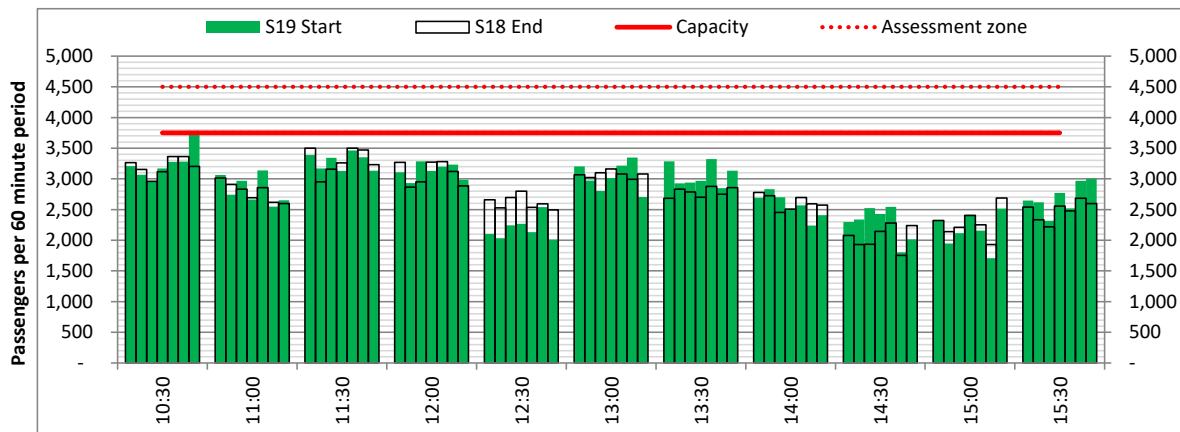
Terminals: 5I

Operators: All Operators

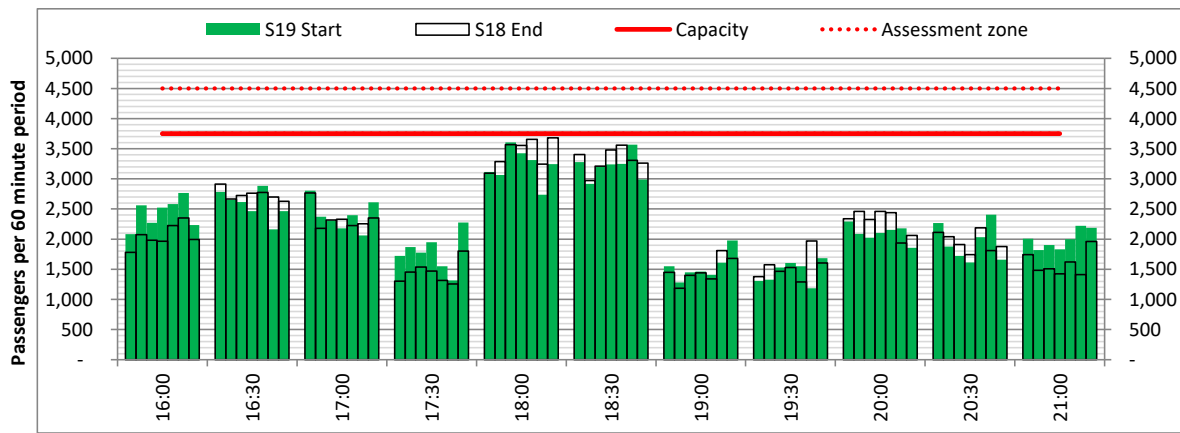
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

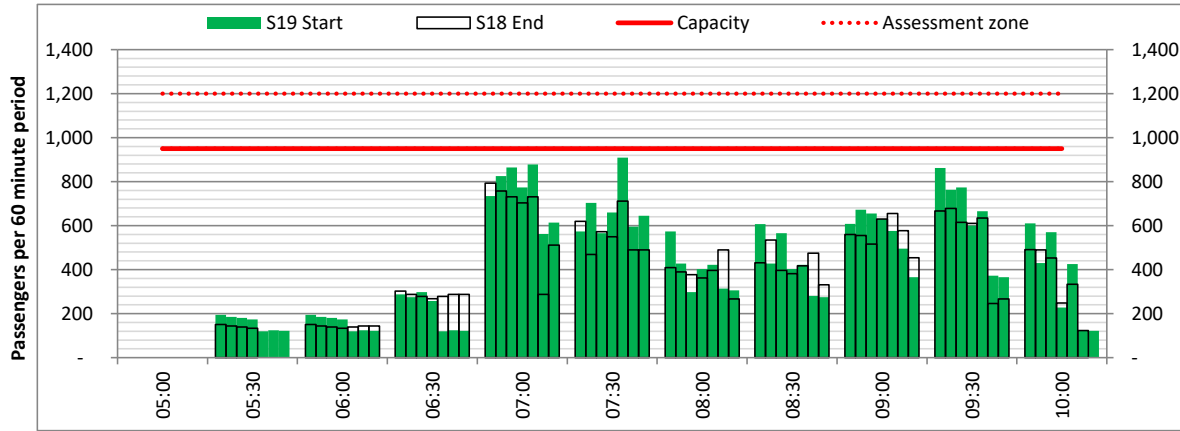
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



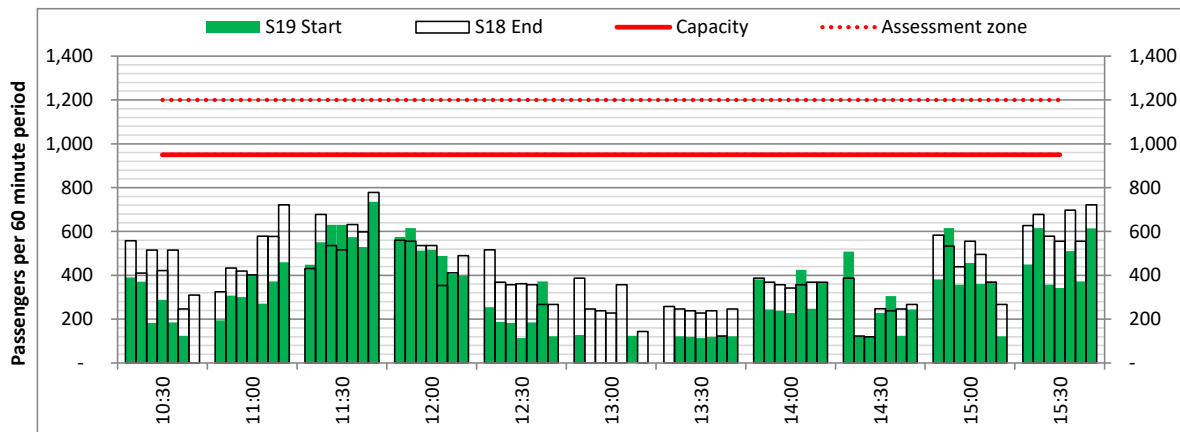
Terminals: 5d

Operators: All Operators

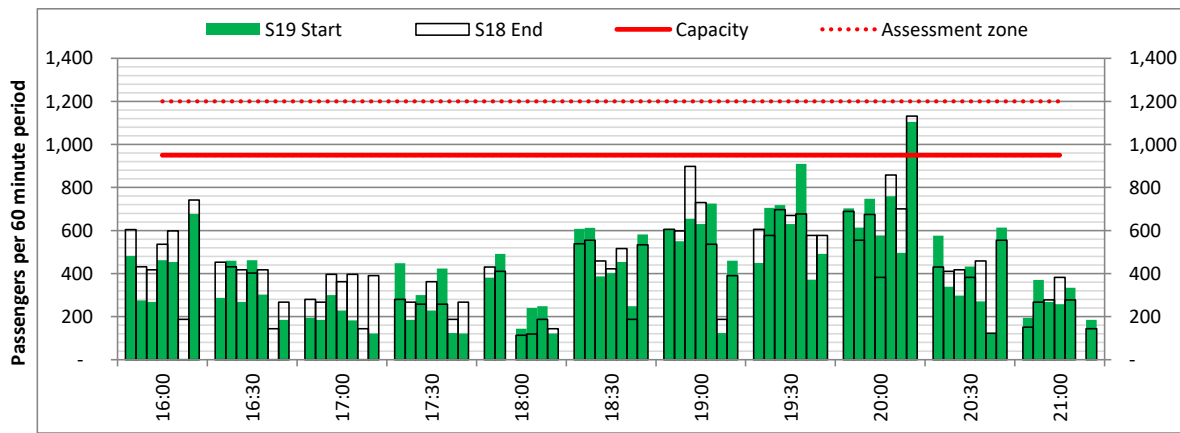
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

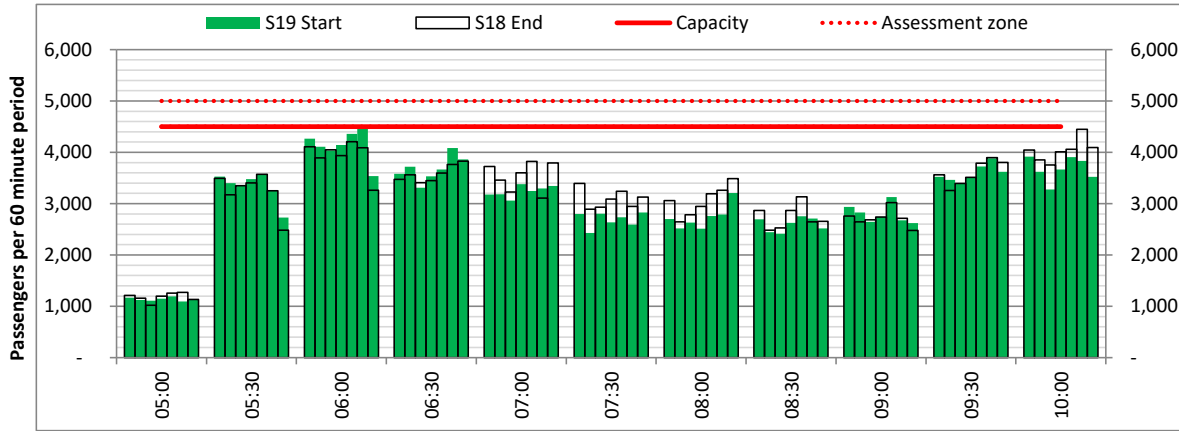
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



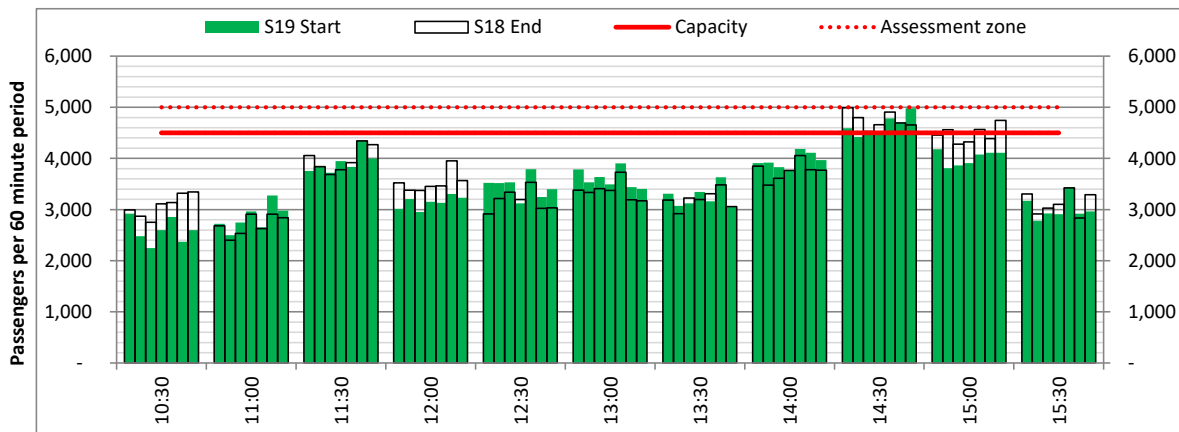
Terminals: 5D 5I

Operators: All Operators

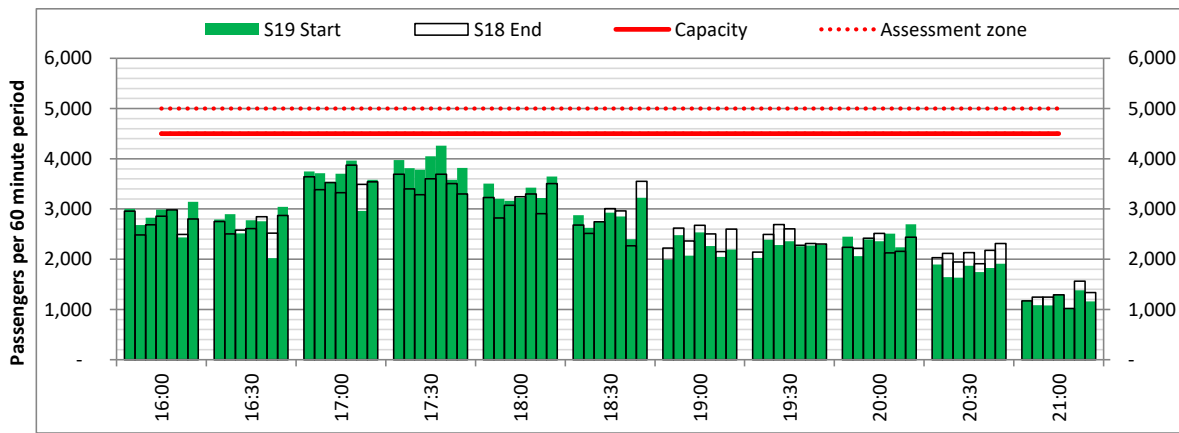
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

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

S18 Start	S18 schedule as cleared on Tue 20-Mar-18.
S18 End	S18 schedule as cleared on Tue 29-Aug-17.
S19 Start	S19 schedule as cleared on Sun 04-Mar-18.
Peak Week	Peak week for S18 is Mon 10-Sep-18 to Sun 16-Sep-18. Peak week for S19 is Mon 09-Sep-19 to Sun 15-Sep-19.

For ACL use

	Airport-Season-Branch-Resource	From date	To date	Time
Full Season Rep 1	LHR-S18-SOS Report-Standard	Sun 25-Mar-2018	Sat 27-Oct-2018	UTC
Full Season Rep 2	LHR-S18-Live-Standard	Sun 25-Mar-2018	Sat 27-Oct-2018	UTC
Full Season Rep 3	LHR-S19-SOS Report-Standard	Sun 31-Mar-2019	Sat 26-Oct-2019	UTC
	Airport-Season-Branch-Resource	From date	To date	Time
Peak Week Rep 1	LHR-S18-SOS Baseline-Standard	Mon 10-Sep-2018	Sun 16-Sep-2018	UTC
Peak Week Rep 2	LHR-S18-Baseline-Standard	Mon 10-Sep-2018	Sun 16-Sep-2018	UTC
Peak Week Rep 3	LHR-S19-SOS Baseline-Standard	Mon 09-Sep-2019	Sun 15-Sep-2019	UTC