

Initial Coordination Report

Report Date: Fri 05-Jul-2019

Headlines

	W19 Init Coord	vs. W18 Init Coord	vs. W19 Hist (SHL)
Total Air Transport Movements (Passenger & Freight)	201962	▼ -0.6%	▼ -0.6%
Total Passenger Air Transport Movements	201370	▼ -0.6%	▼ -0.6%
Total Passenger Air Transport Movement Seats	44195806	▲ 0.2%	▲ 0.5%
Average Seats per Passenger Air Transport Movement	219.48	▲ 0.8%	▲ 1.1%
Percentage of allocated slots cleared as requested (OK)	90%		

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W18 scheduling season runs from Sun 28-Oct-2018 to Sat 30-Mar-2019 (154 days).

W19 scheduling season runs from Sun 27-Oct-2019 to Sat 28-Mar-2020 (154 days).

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Runway Scheduling Limits



Declared Hourly Movement Capacity

W18 Arrivals								Change: W18 to W19							W19 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
06	37	37	37	37	37	37	37	06	1	1	1	1	1	1	1	06	38	38	38	38	38	38	38
07	39	39	39	39	39	39	39	07	-1	-1	-1	-1	-1	-1	-1	07	38	38	38	38	38	38	38
08	35	35	35	35	35	35	35	08	2	2	2	2	2	2	2	08	37	37	37	37	37	37	37
09	44	44	44	44	44	44	44	09								09	44	44	44	44	44	44	44
10	42	42	42	42	42	42	42	10	1	1	1	1	1	1	1	10	43	43	43	43	43	43	43
11	37	37	37	37	37	37	37	11	-2	-2	-2	-2	-2	-2	-2	11	35	35	35	35	35	35	35
12	37	37	37	37	37	37	37	12	4	4	4	4	4	4	4	12	41	41	41	41	41	41	41
13	44	44	44	44	44	44	44	13	-3	-3	-3	-3	-3	-3	-3	13	41	41	41	41	41	41	41
14	42	42	42	42	42	42	42	14								14	42	42	42	42	42	42	42
15	40	40	40	40	40	40	40	15	-1	-1	-1	-1	-1	-1	-1	15	39	39	39	39	39	39	39
16	41	41	41	41	41	41	41	16								16	41	41	41	41	41	41	41
17	42	42	42	42	42	42	42	17								17	42	42	42	42	42	42	42
18	42	42	42	42	42	42	42	18								18	42	42	42	42	42	42	42
19	43	43	43	43	43	43	43	19								19	43	43	43	43	43	43	43
20	38	38	38	38	38	38	38	20								20	38	38	38	38	38	38	38
21	38	38	38	38	38	38	38	21								21	38	38	38	38	38	38	38
22	18	18	18	18	18	18	18	22	-1	-1	-1	-1	-1	-1	-1	22	17	17	17	17	17	17	17

W18 Departures								Change: W18 to W19							W19 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
06	27	27	27	27	27	27	27	06								06	27	27	27	27	27	27	27
07	43	43	43	43	43	43	43	07								07	43	43	43	43	43	43	43
08	44	44	44	44	44	44	44	08								08	44	44	44	44	44	44	44
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								10	44	44	44	44	44	44	44
11	45	45	45	45	45	45	45	11								11	45	45	45	45	45	45	45
12	42	42	42	42	42	42	42	12								12	42	42	42	42	42	42	42
13	45	45	45	45	45	45	45	13								13	45	45	45	45	45	45	45
14	42	42	42	42	42	42	42	14								14	42	42	42	42	42	42	42
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	44	44	44	44	44	44	44	16	-1	-1	-1	-1	-1	-1	-1	16	43	43	43	43	43	43	43
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								18	44	44	44	44	44	44	44
19	46	46	46	46	46	46	46	19	-1	-1	-1	-1	-1	-1	-1	19	45	45	45	45	45	45	45
20	39	39	39	39	39	39	39	20	1	1	1	1	1	1	1	20	40	40	40	40	40	40	40
21	28	28	28	28	28	28	28	21								21	28	28	28	28	28	28	28
22	23	23	23	23	23	23	23	22								22	23	23	23	23	23	23	23

Coordinator's Report



Total demand	219,065	slots		
Total slots allocated	201,962	slots	92.19%	of total demand
Number of slots cleared OK	182,119	slots	90.17%	of total slots cleared

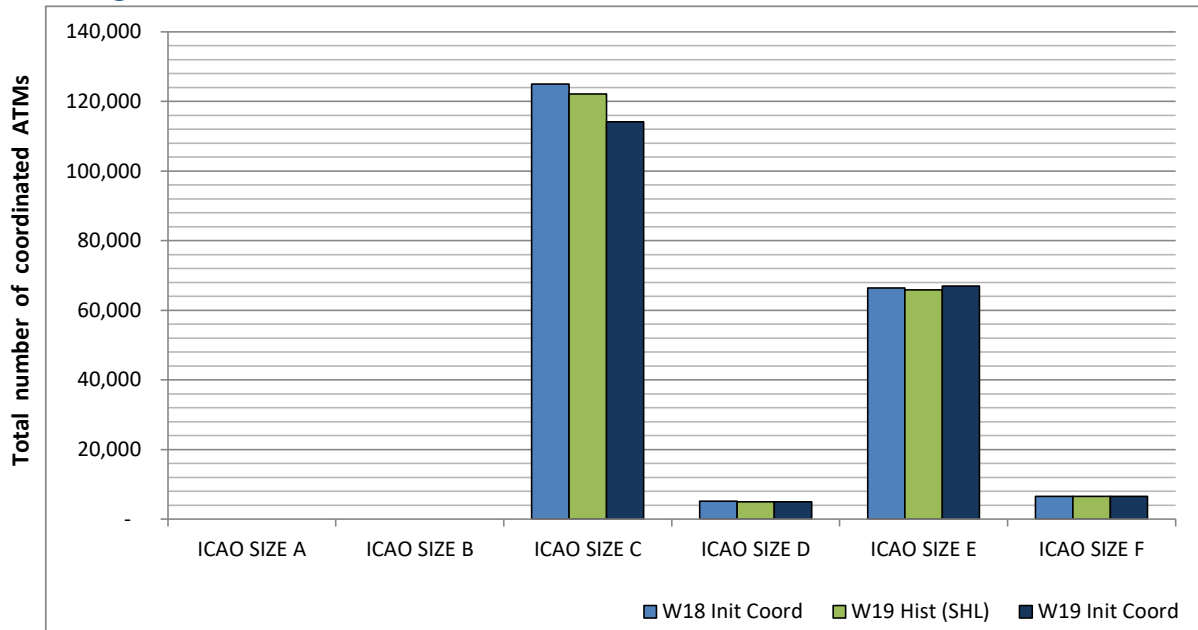
Slots adjusted (not OK) due to:

RUNWAY constraints	19,007	slots	95.8%	of total slots adjusted
TERMINAL constraints	154	slots	0.8%	of total slots adjusted
STAND constraints	-	slots	0.0%	of total slots adjusted
NIGHT constraints	176	slots	0.9%	of total slots adjusted
OTHER constraints	132	slots	0.7%	of total slots adjusted
ARR/DEP TURNAROUND feasibility	374	slots	1.9%	of total slots adjusted

Full Season - Aircraft Size Analysis

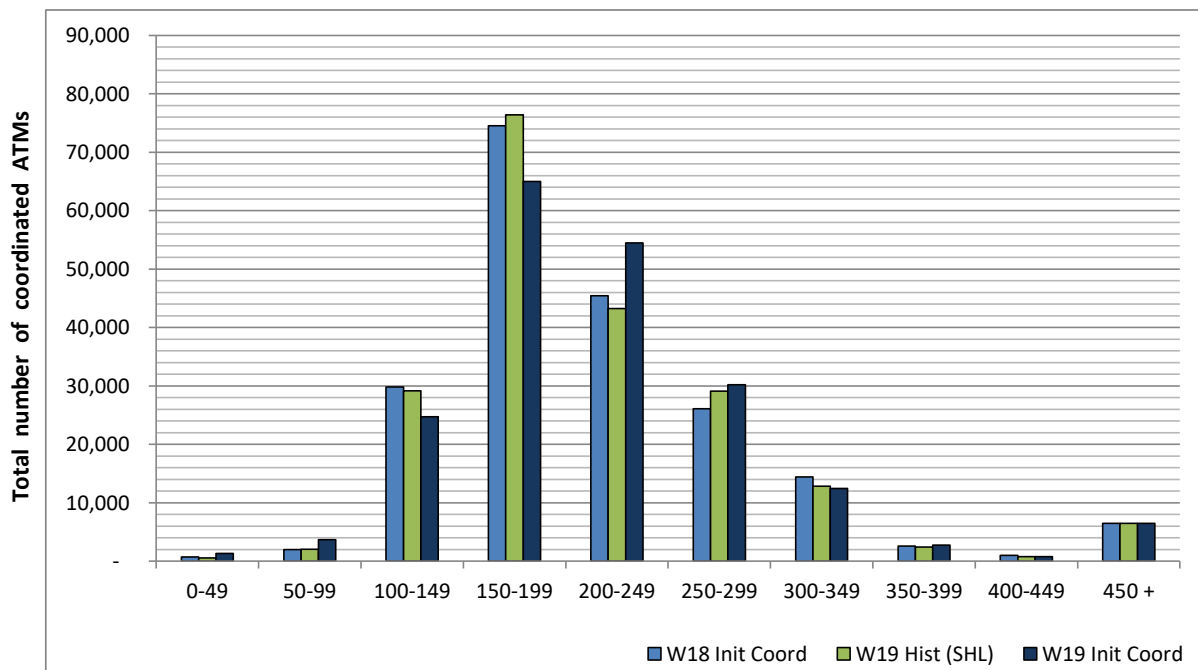


ICAO size designation



Note: See Glossary for definitions of ICAO SIZE groupings

Air Transport Movement seat distribution

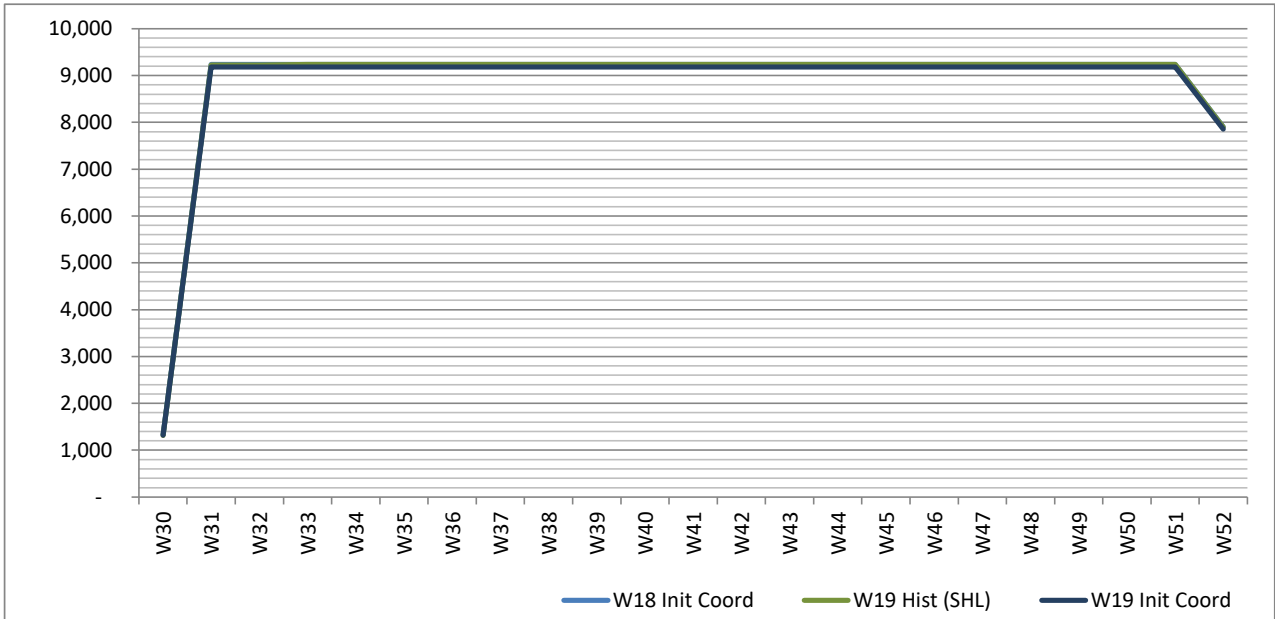


Note: FREIGHT-ONLY services with 0 seats are included in the first seat band '0-49'

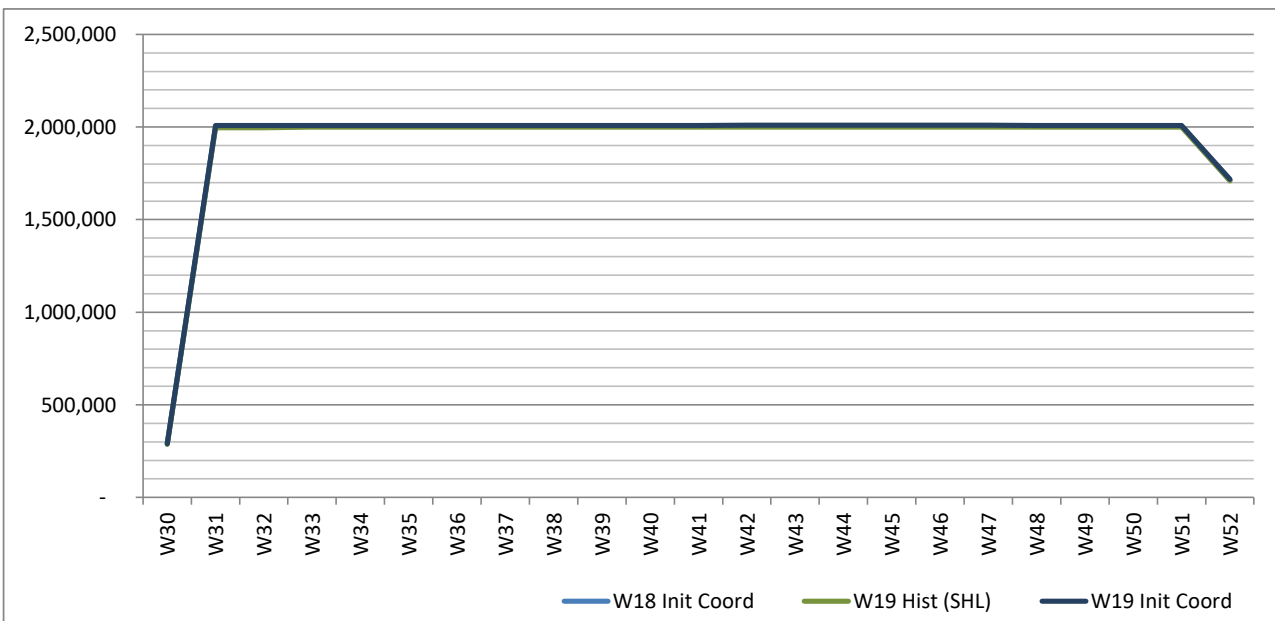
Full Season - Seasonality



Air Transport Movements by week of season



Air Transport Movement Seats by week of season



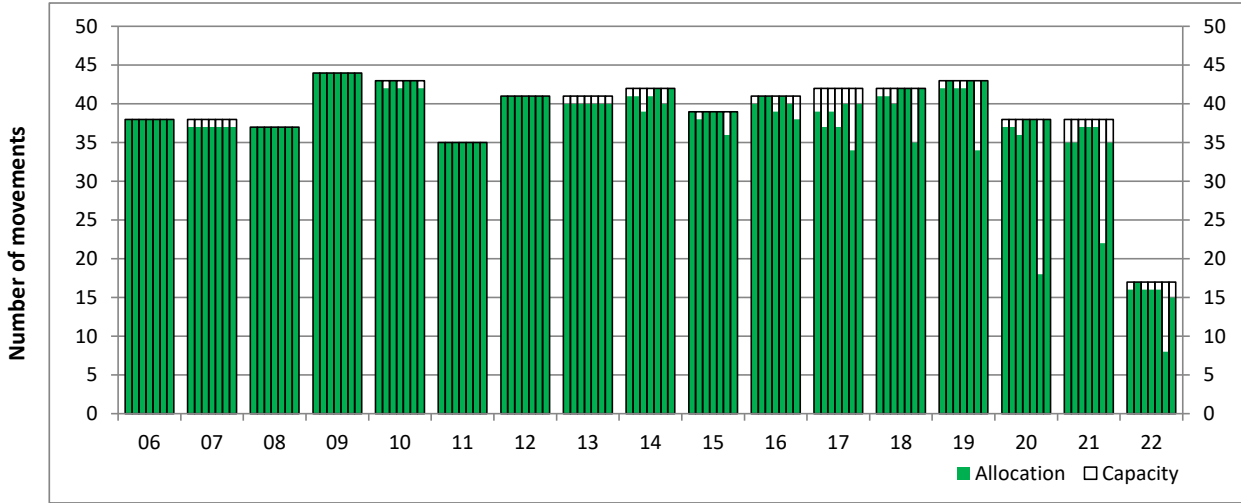
Peak Week - Hourly Runway Allocation

Schedule: W19 Init Coord



Hourly Arrival Allocation

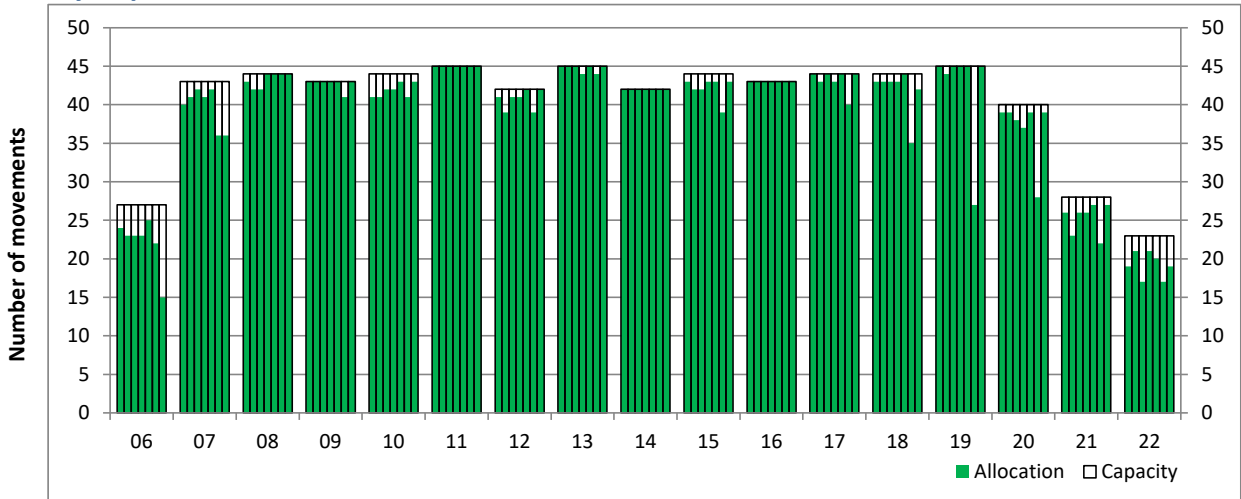
Time: UTC



Hour of day (24 hour format)

Hourly Departure Allocation

Time: UTC



Hour of day (24 hour format)

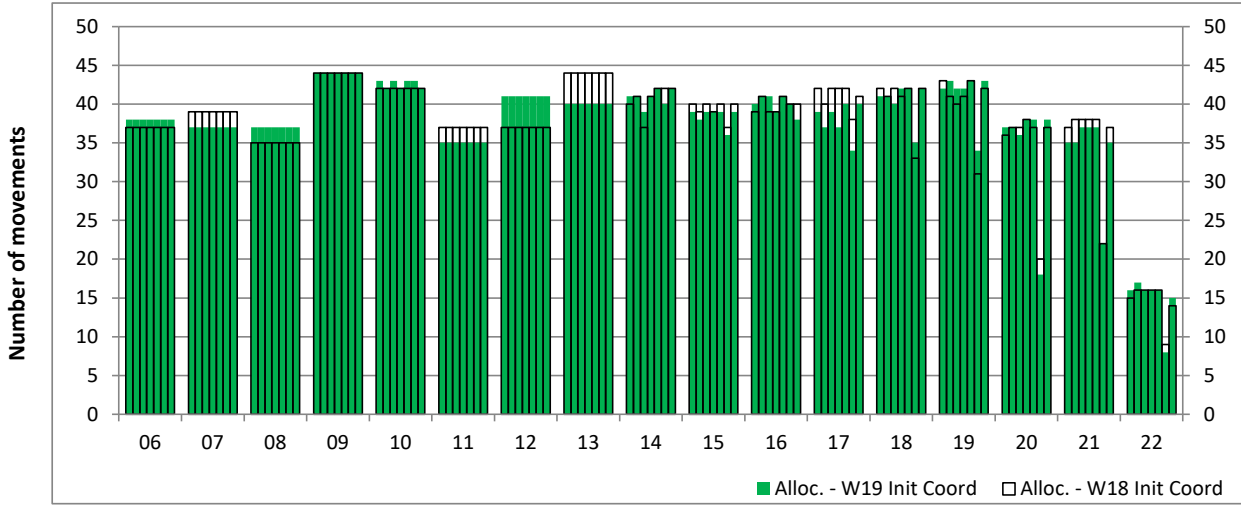
Peak Week - Runway Allocation Comparison

Comparison of W19 Init Coord vs. W18 Init Coord



Hourly Arrival Allocation

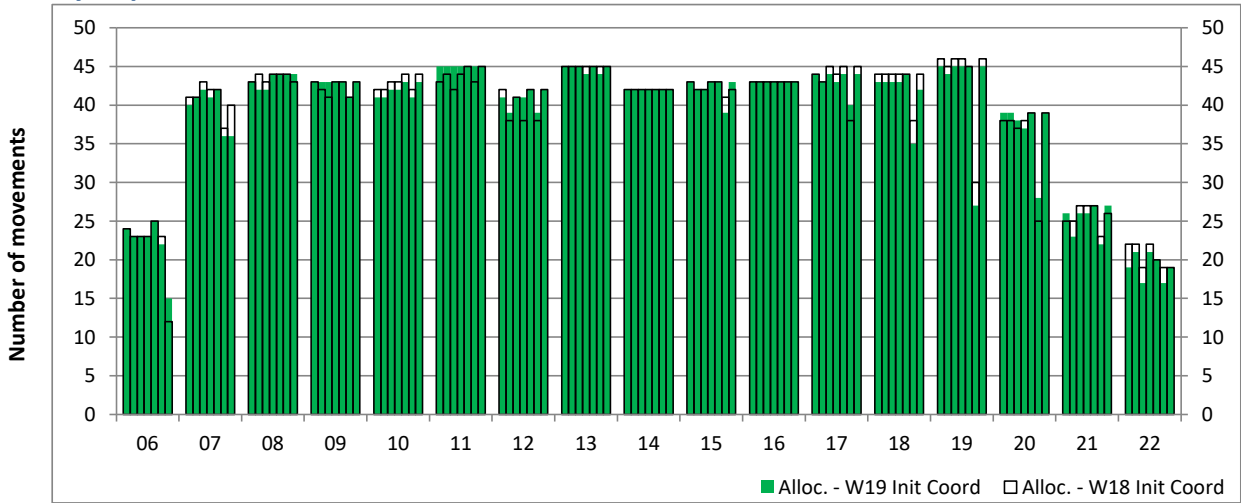
Time: UTC



Hour of day (24 hour format)

Hourly Departure Allocation

Time: UTC



Hour of day (24 hour format)

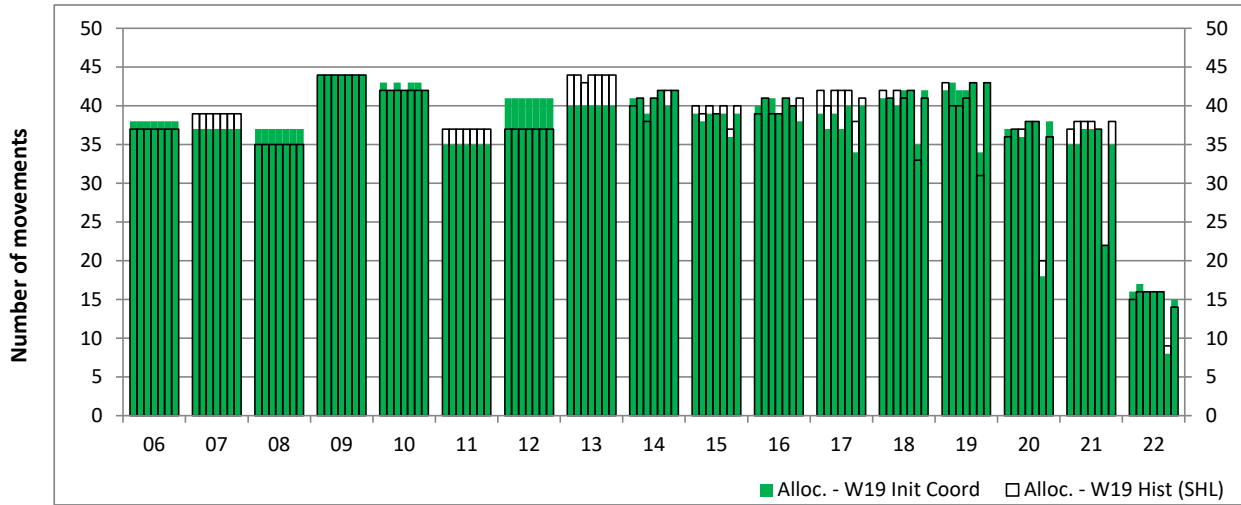
Peak Week - Runway Allocation Comparison

Comparison of W19 Init Coord vs. W19 Hist (SHL)



Hourly Arrival Allocation

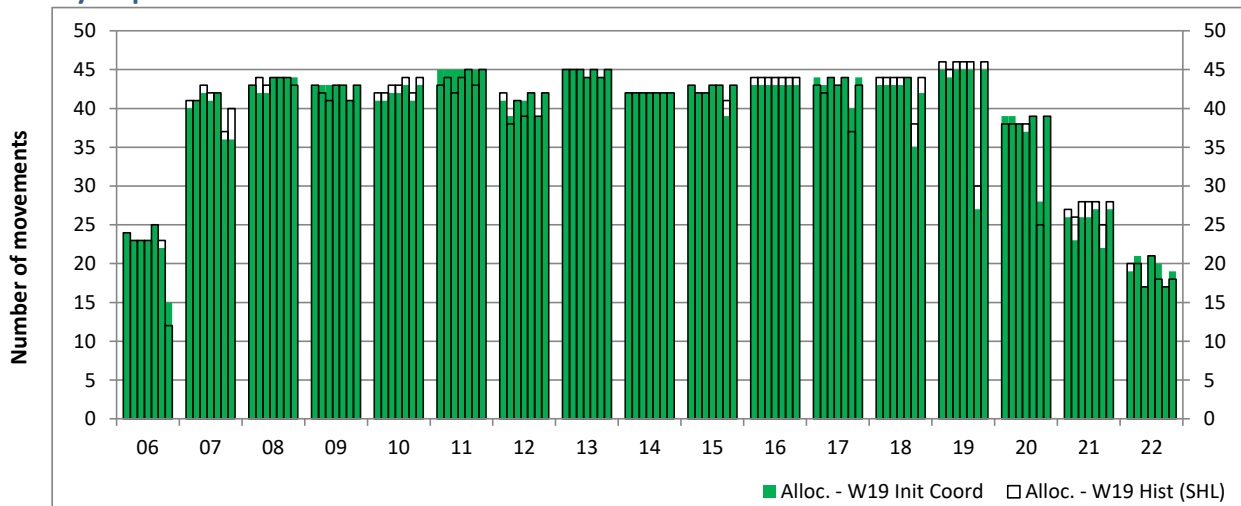
Time: UTC



Hour of day (24 hour format)

Hourly Departure Allocation

Time: UTC



Hour of day (24 hour format)

Peak Week - Passengers Histogram

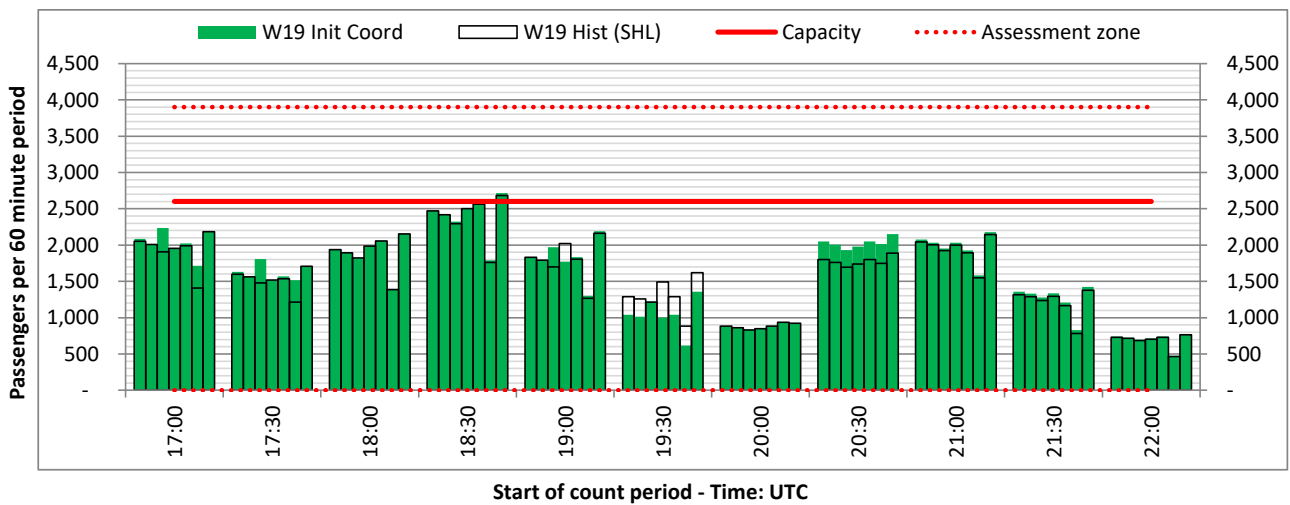
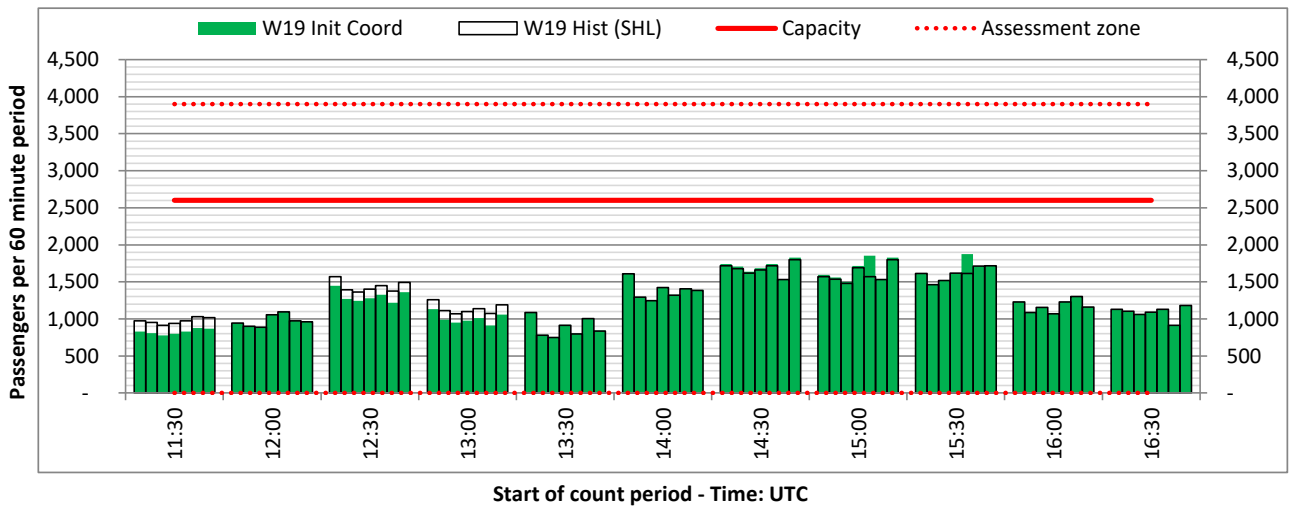
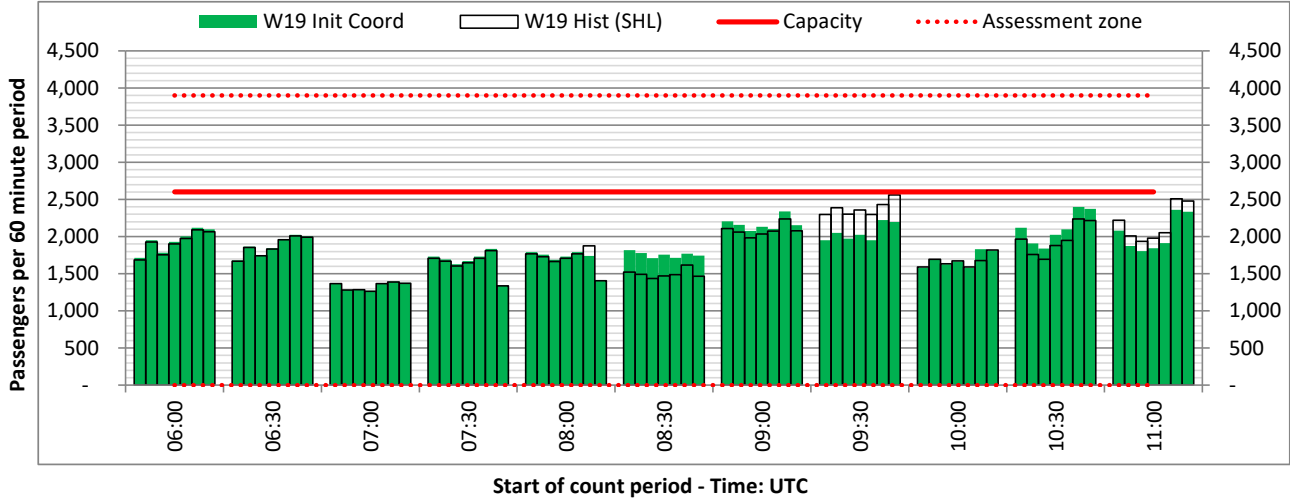
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

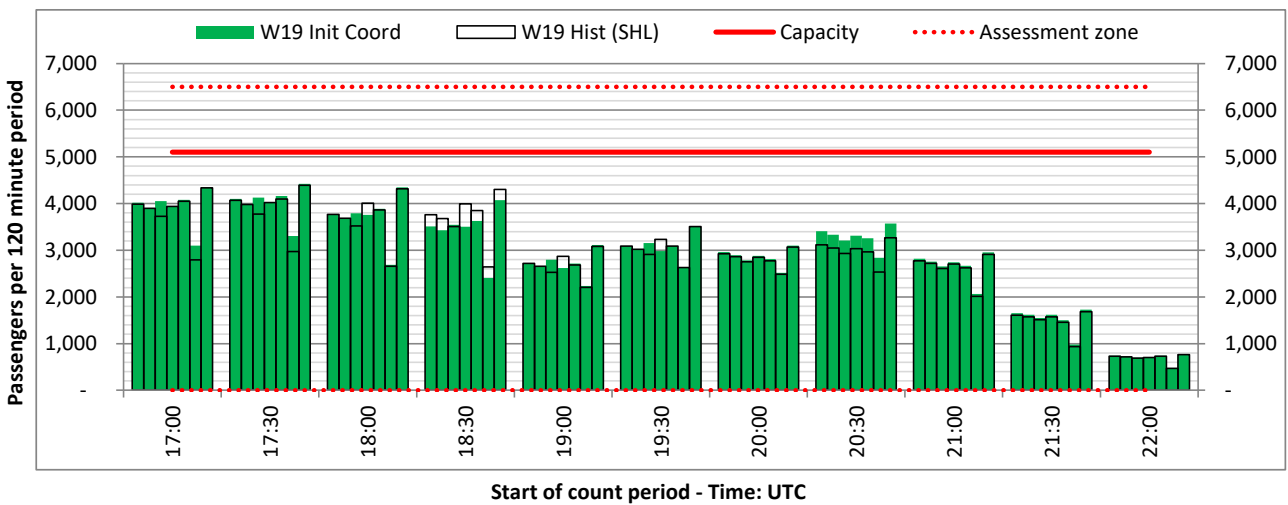
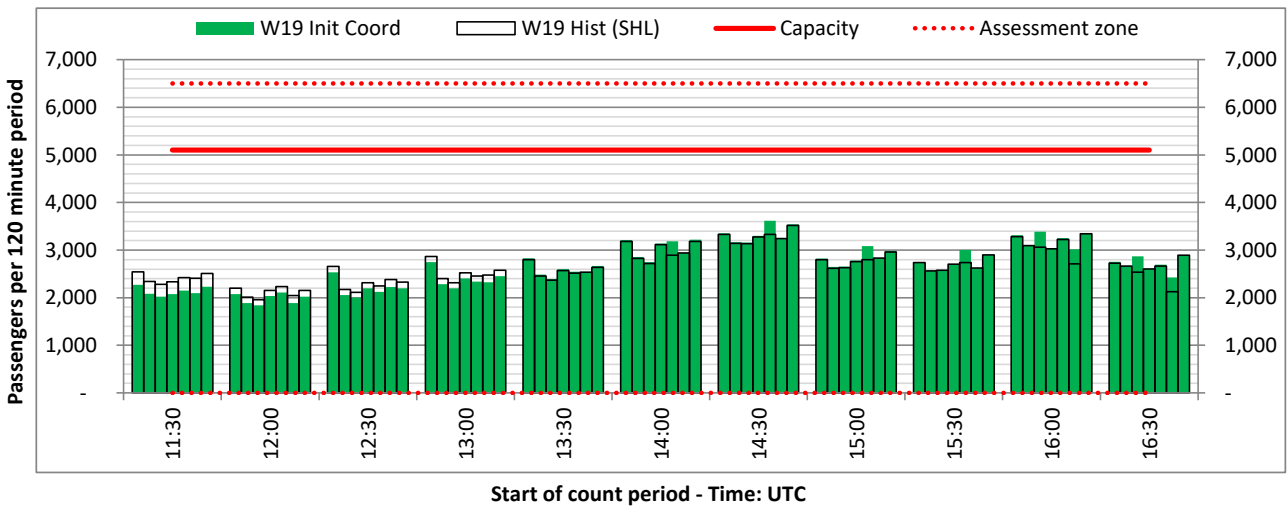
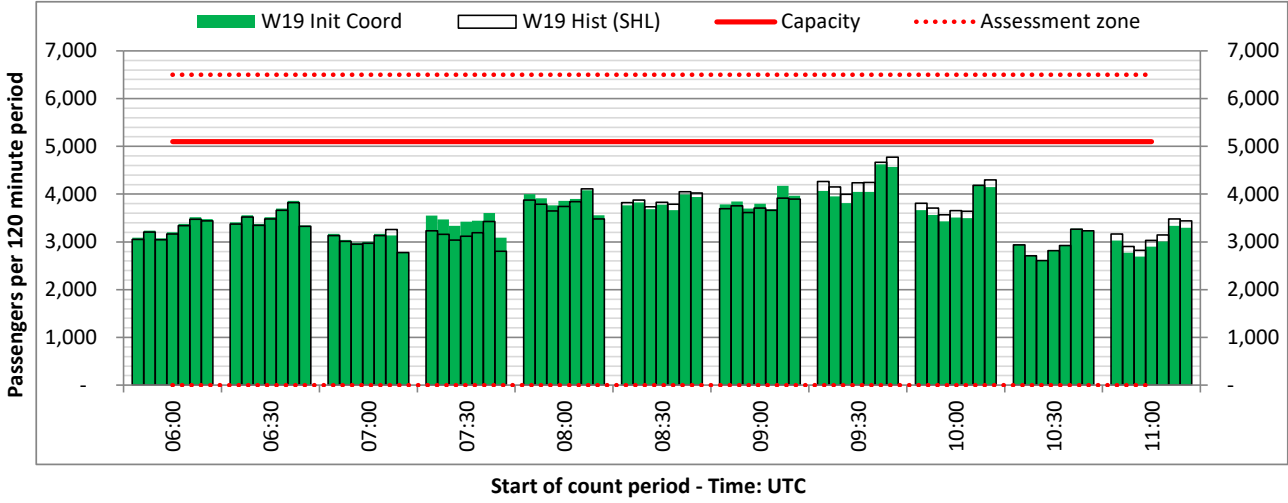
ARRIVAL - 120 minute count rolling every 30 mins (T2H/30)



Terminals: 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

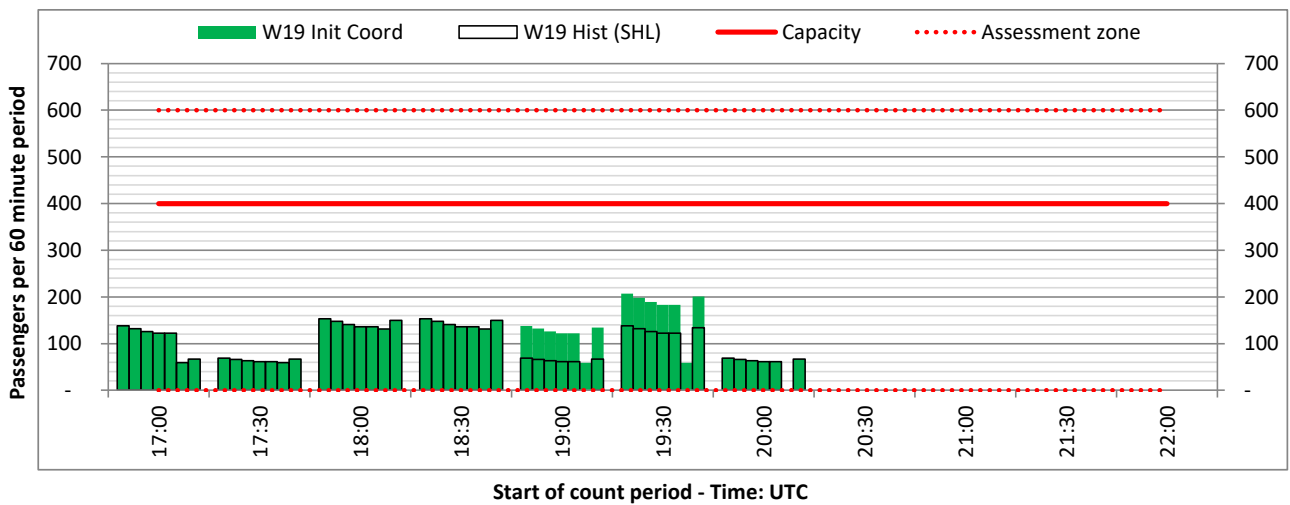
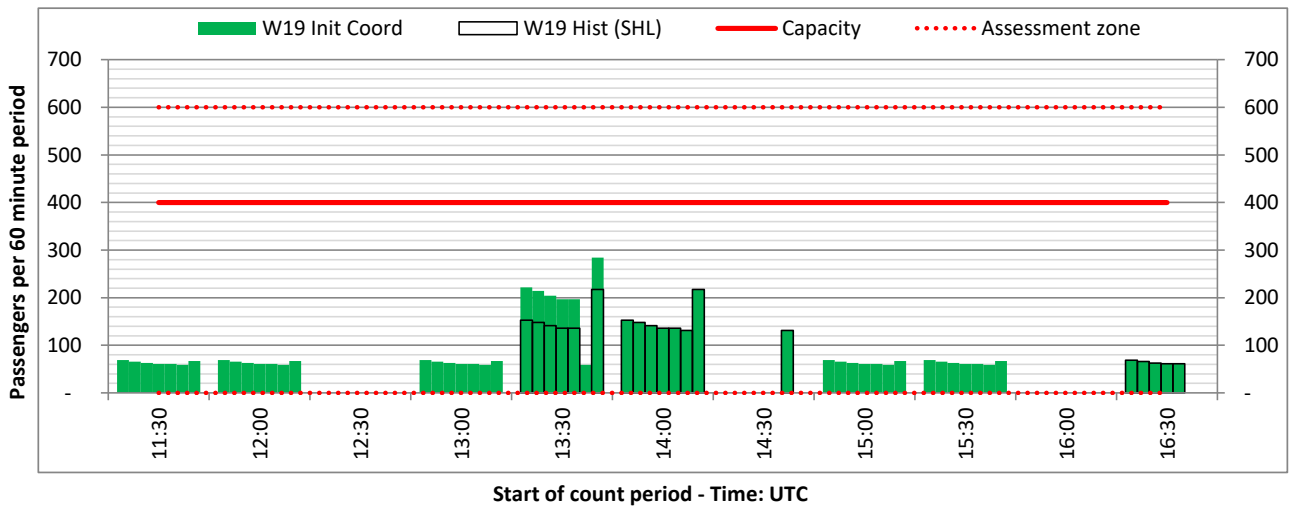
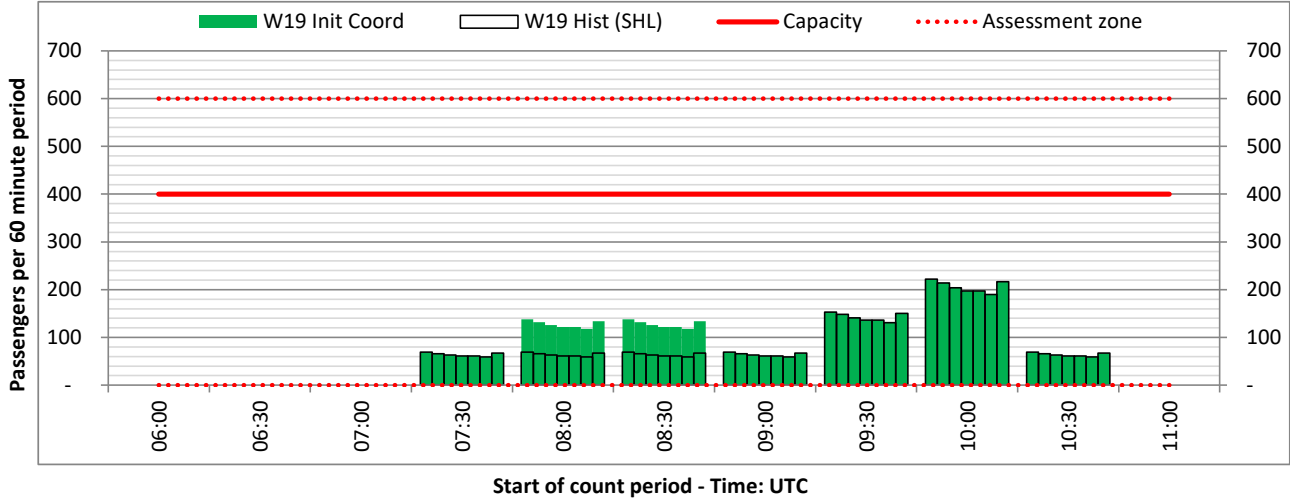
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 2D

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

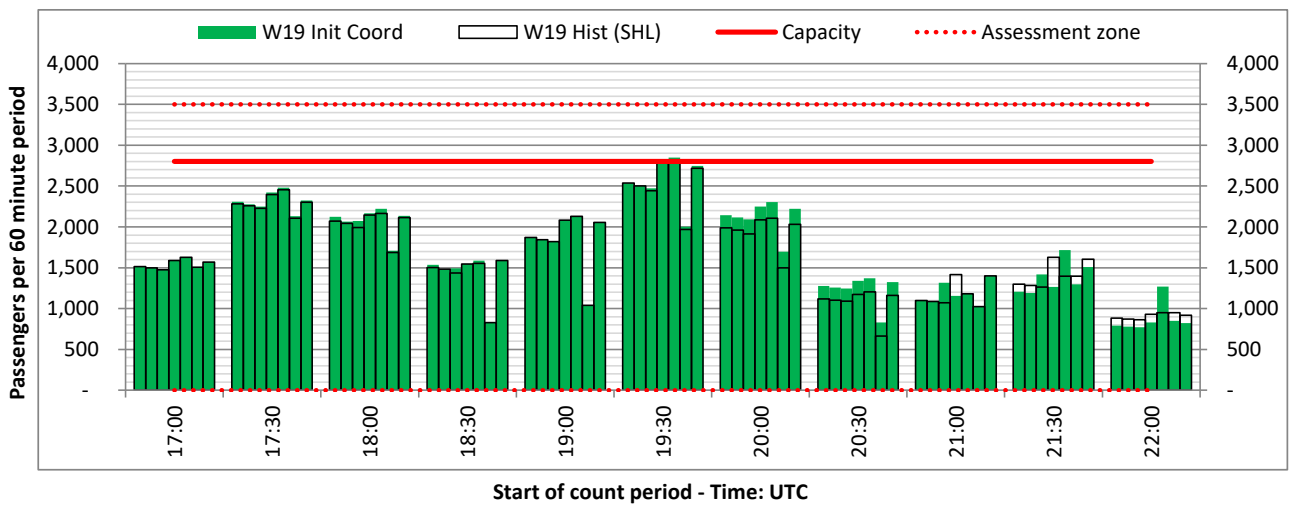
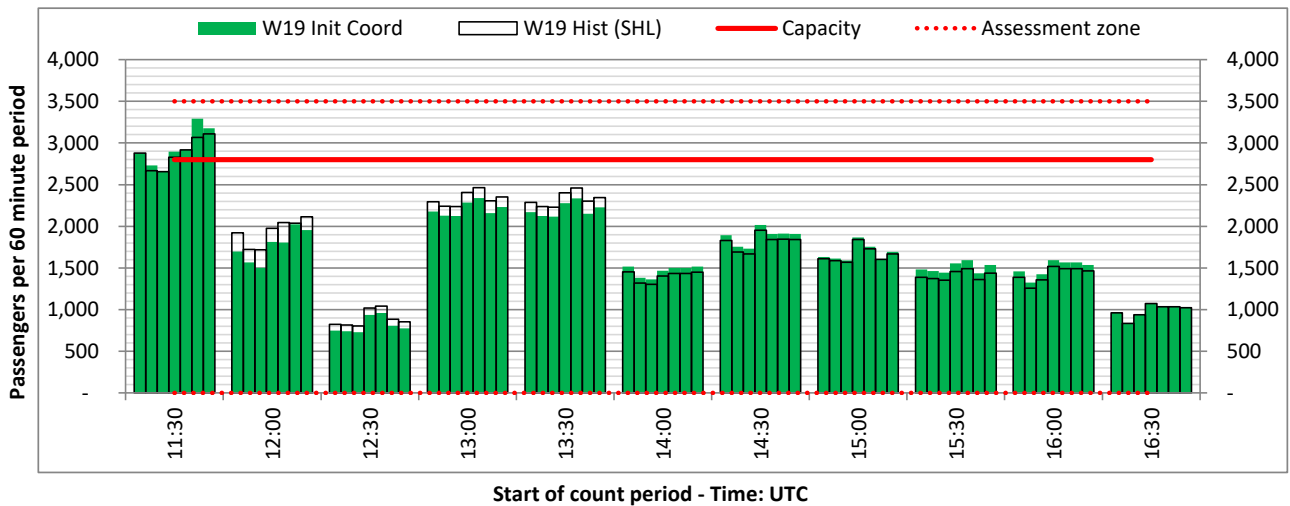
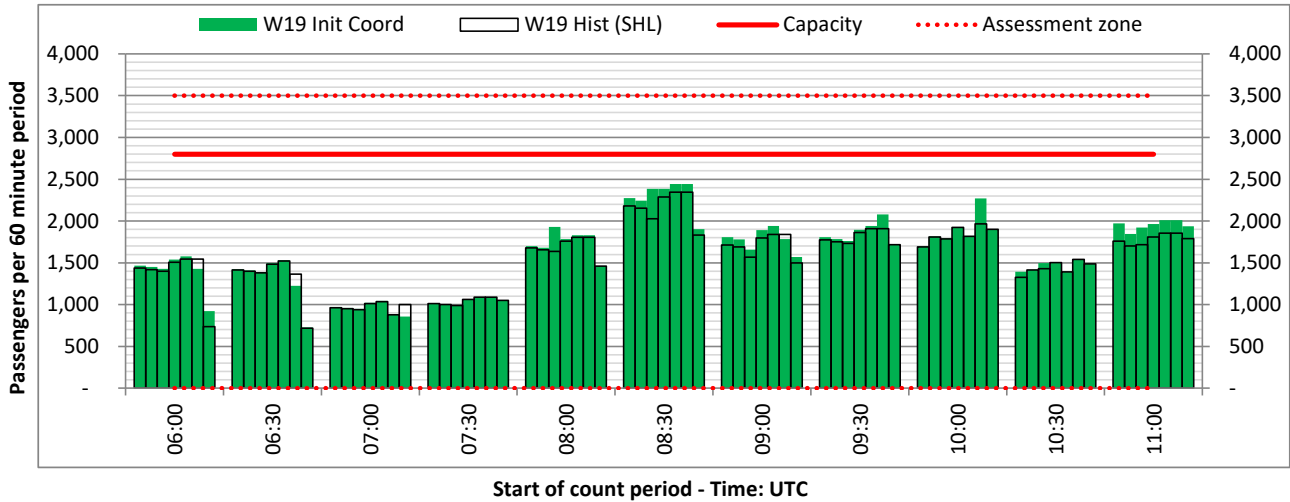
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals: 2D 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

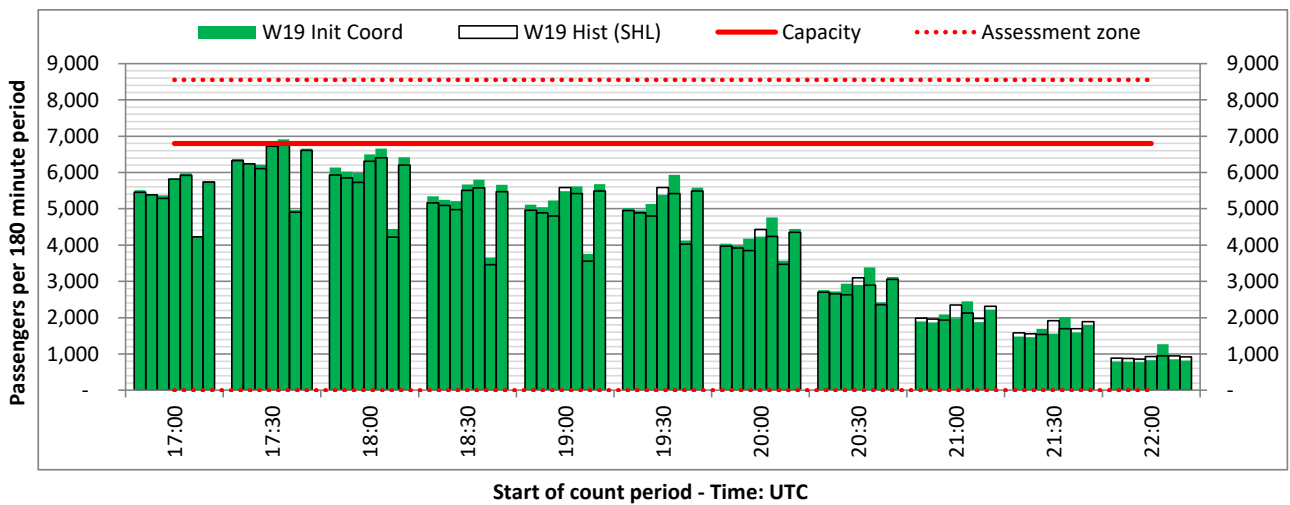
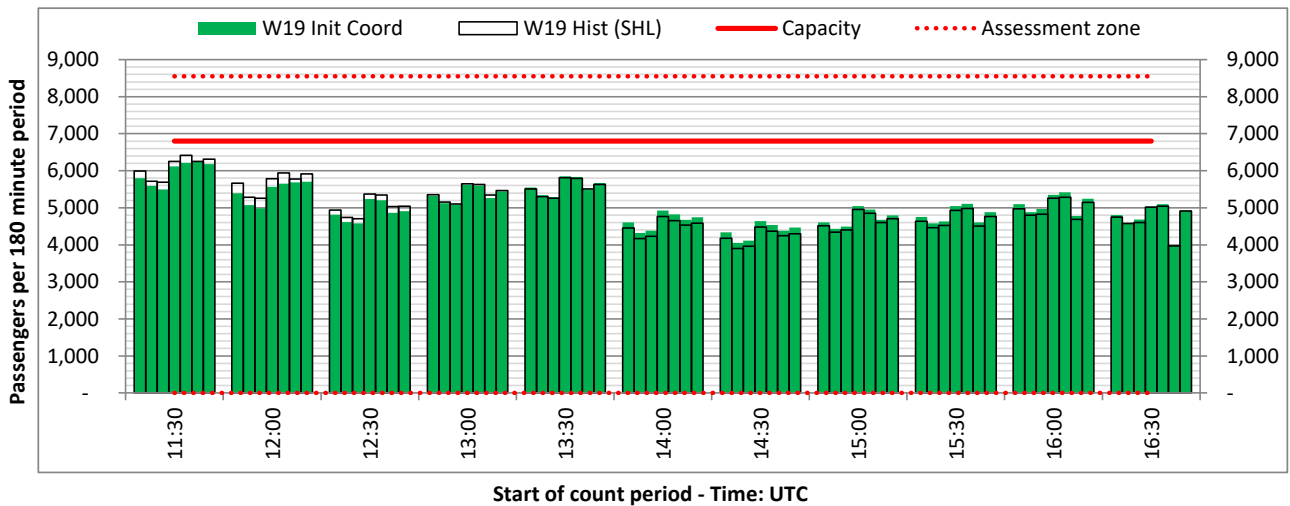
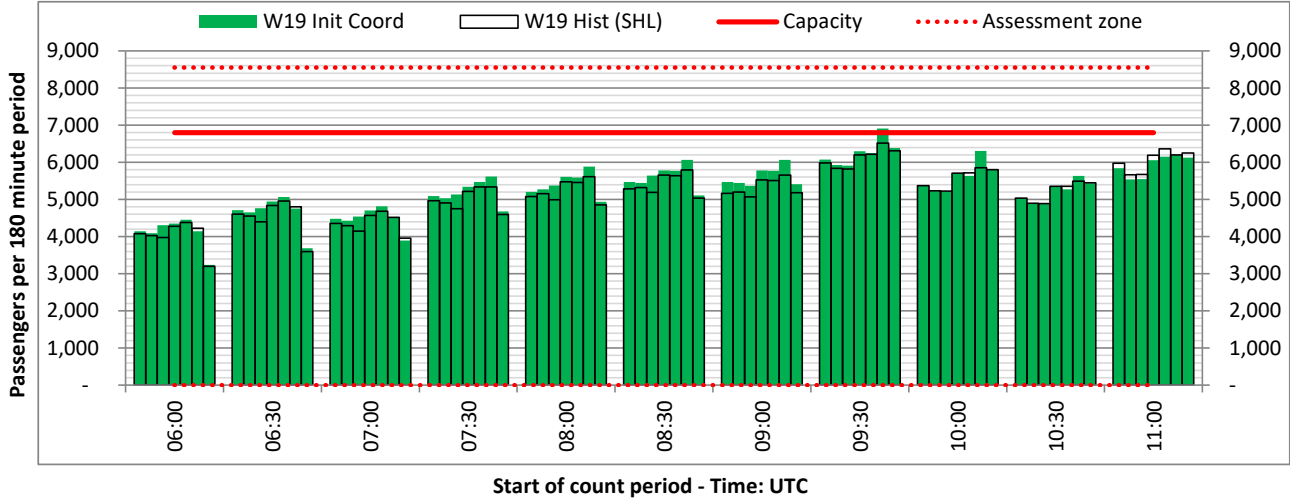
DEPARTURE - 180 minute count rolling every 30 mins (T3H/30)



Terminals: 2D 2I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

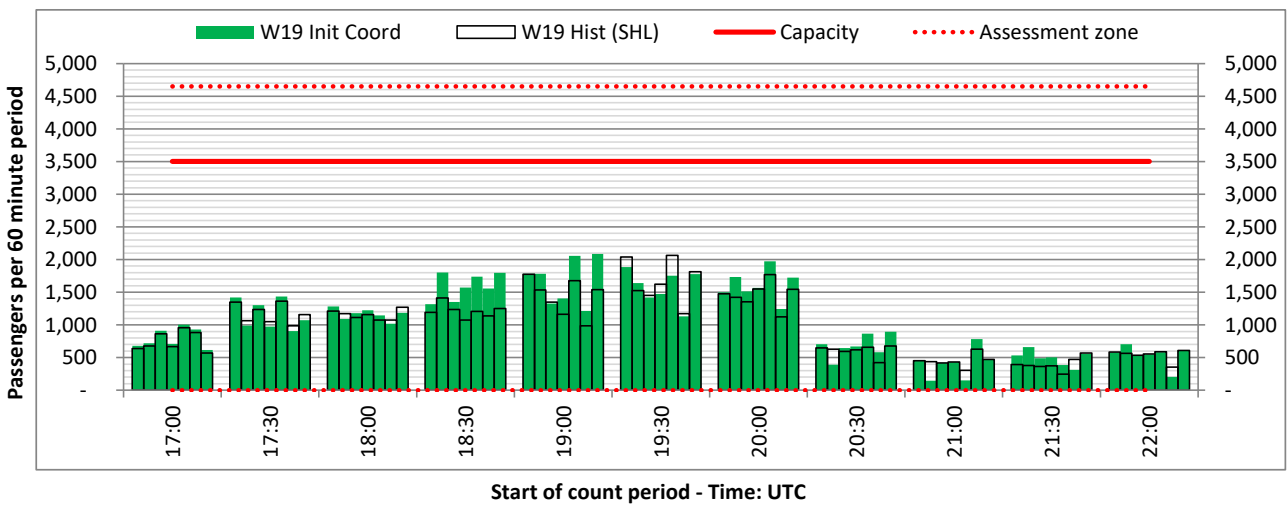
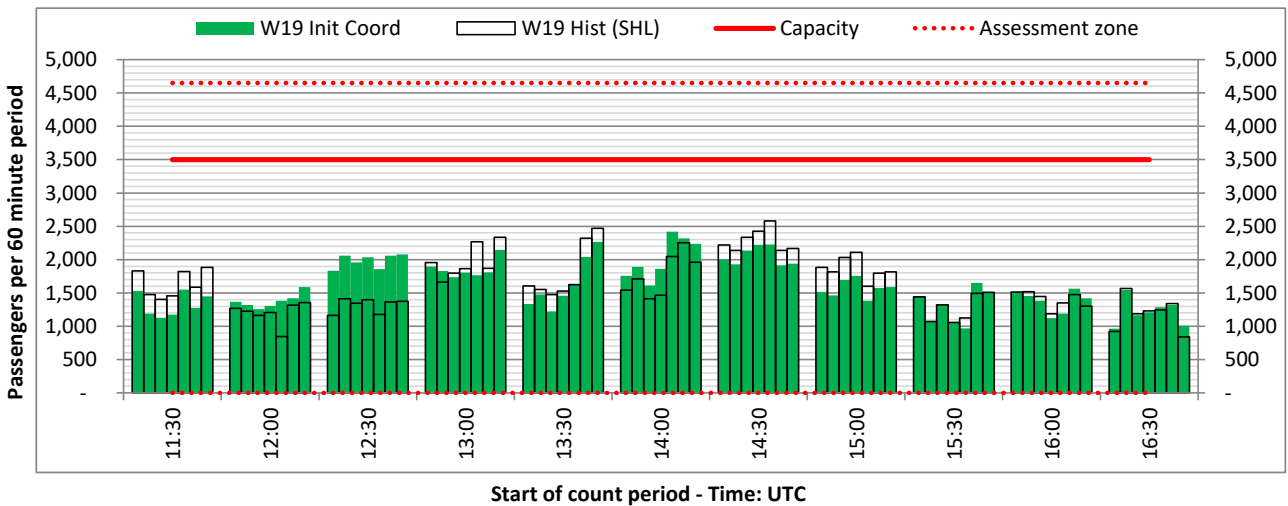
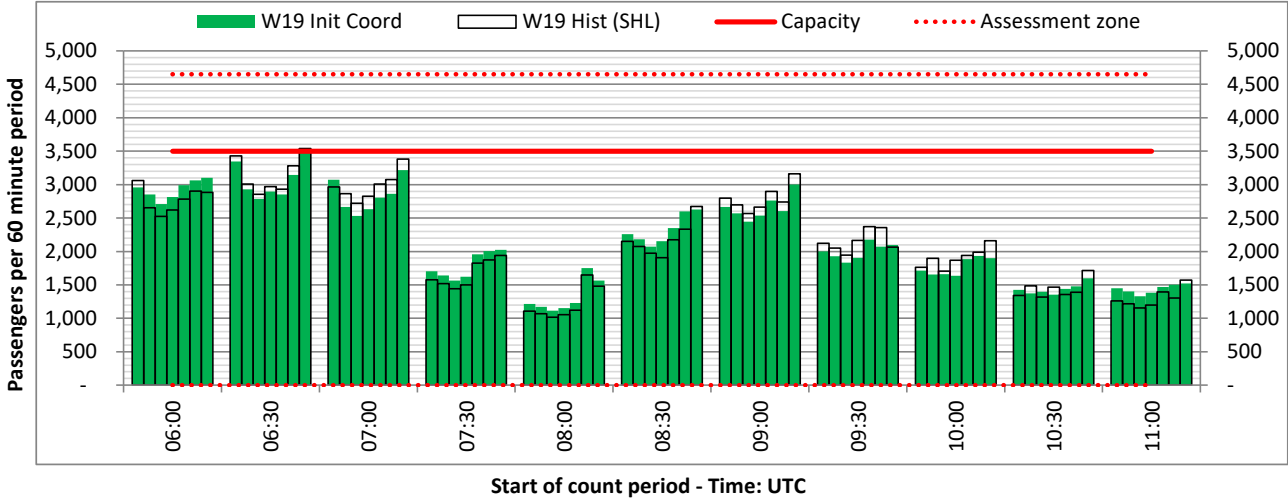
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

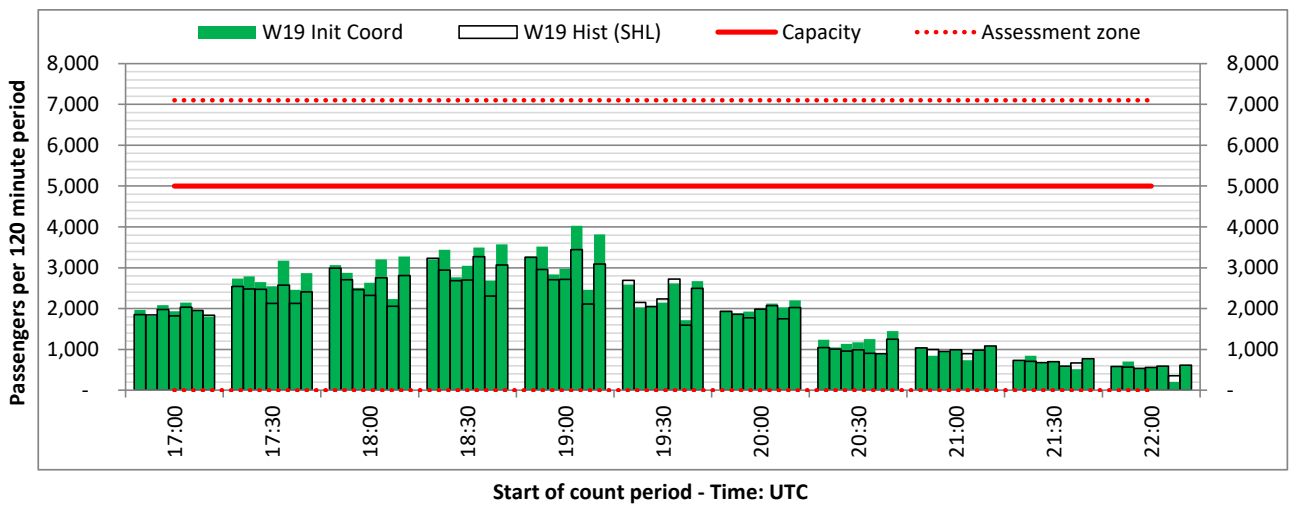
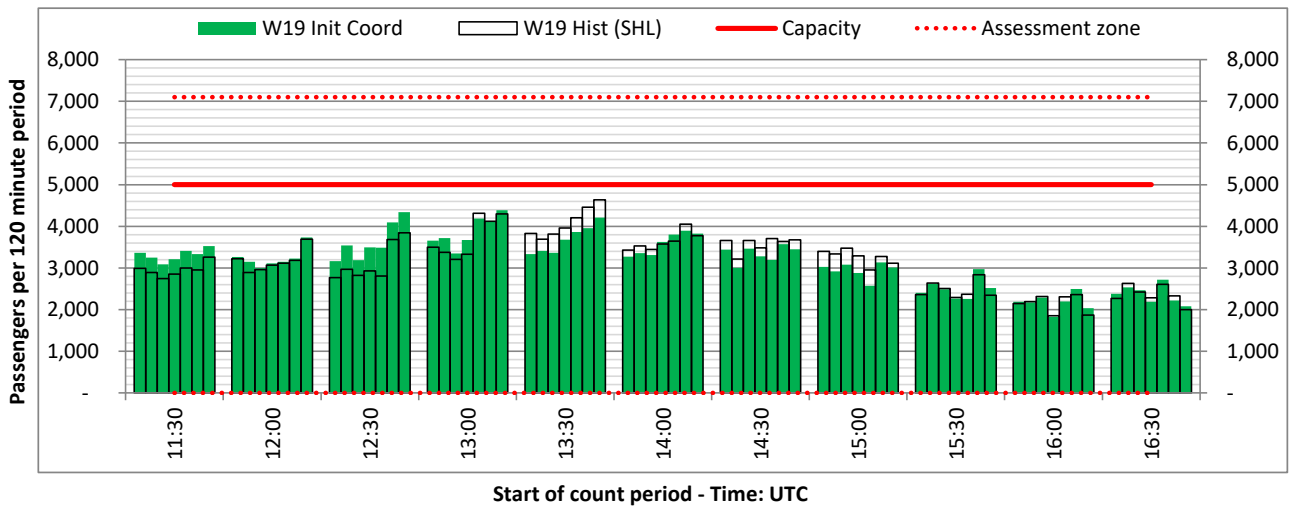
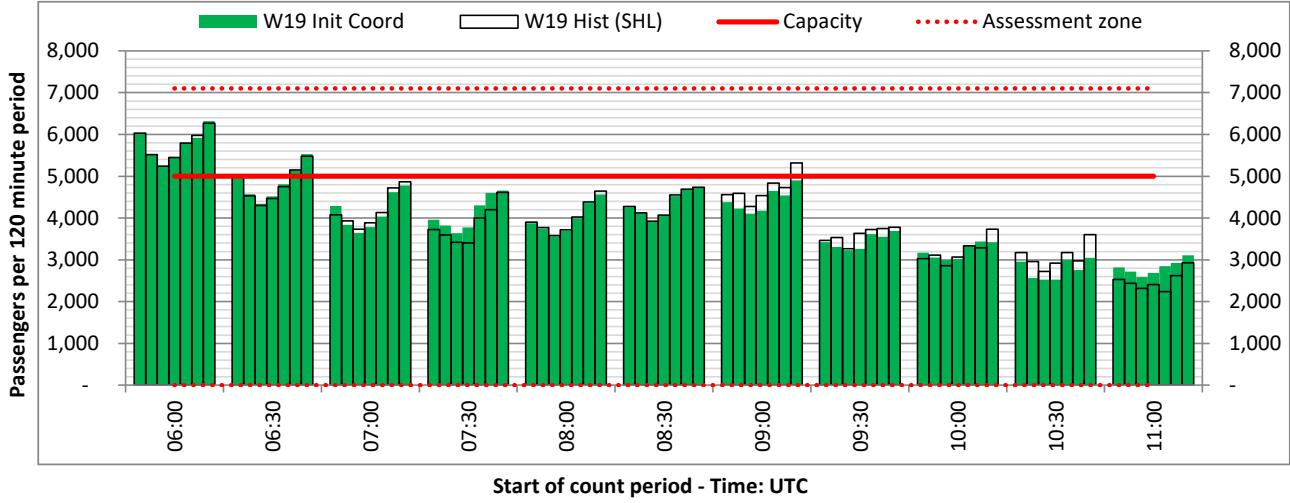
ARRIVAL - 120 minute count rolling every 30 mins (T2H/30)



Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

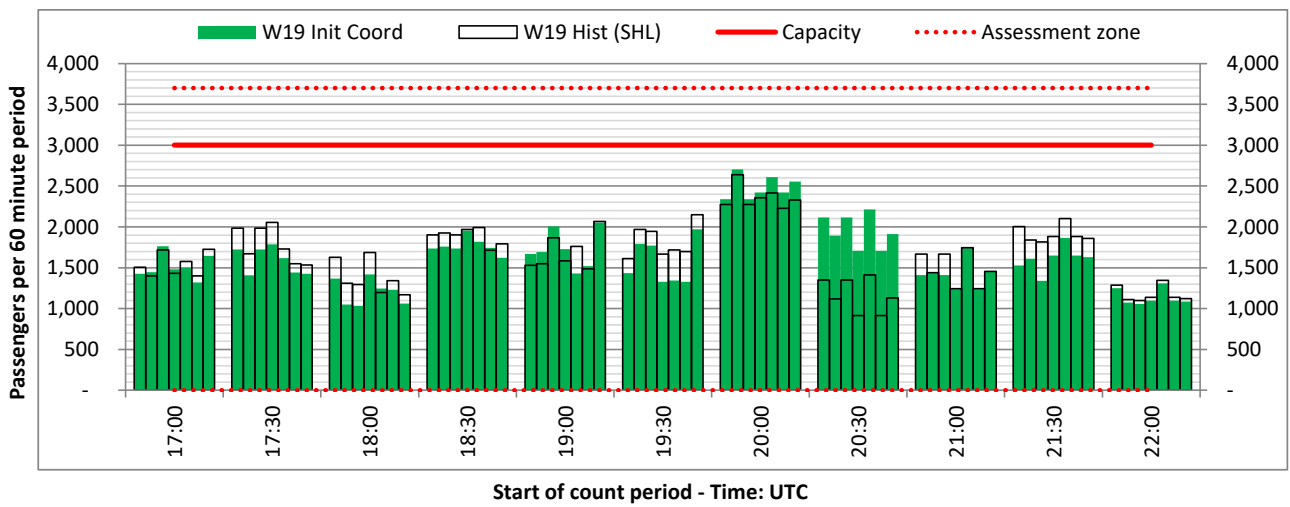
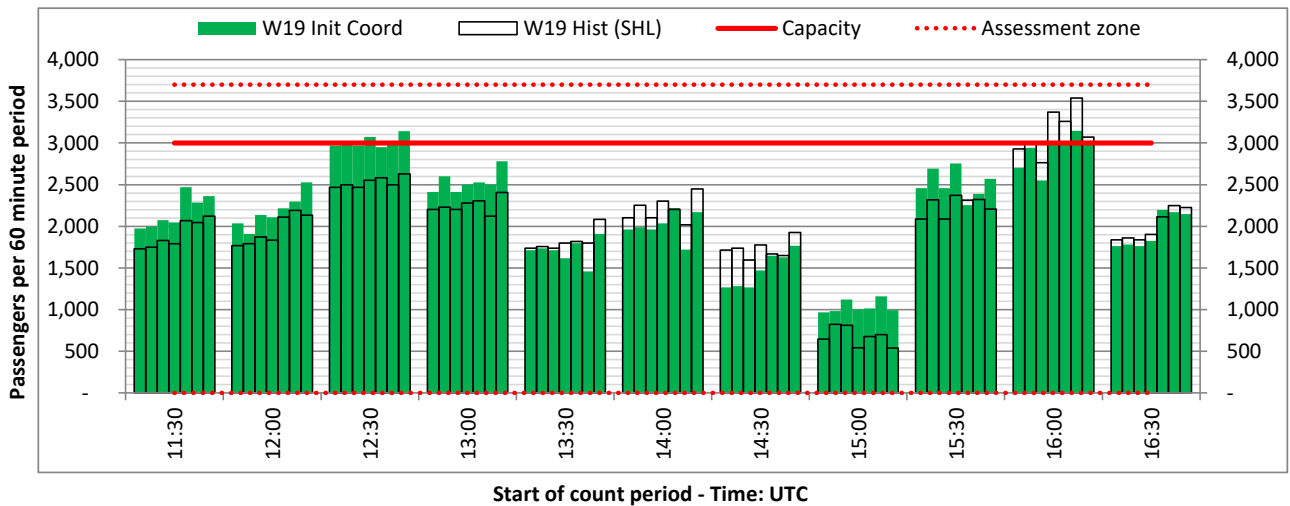
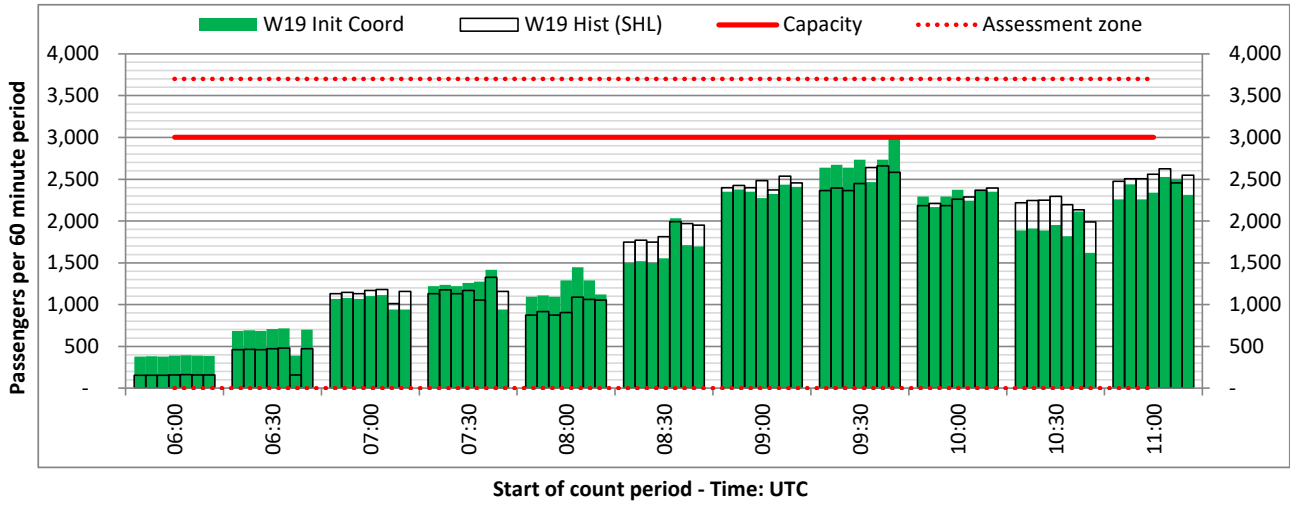
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals: 3I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

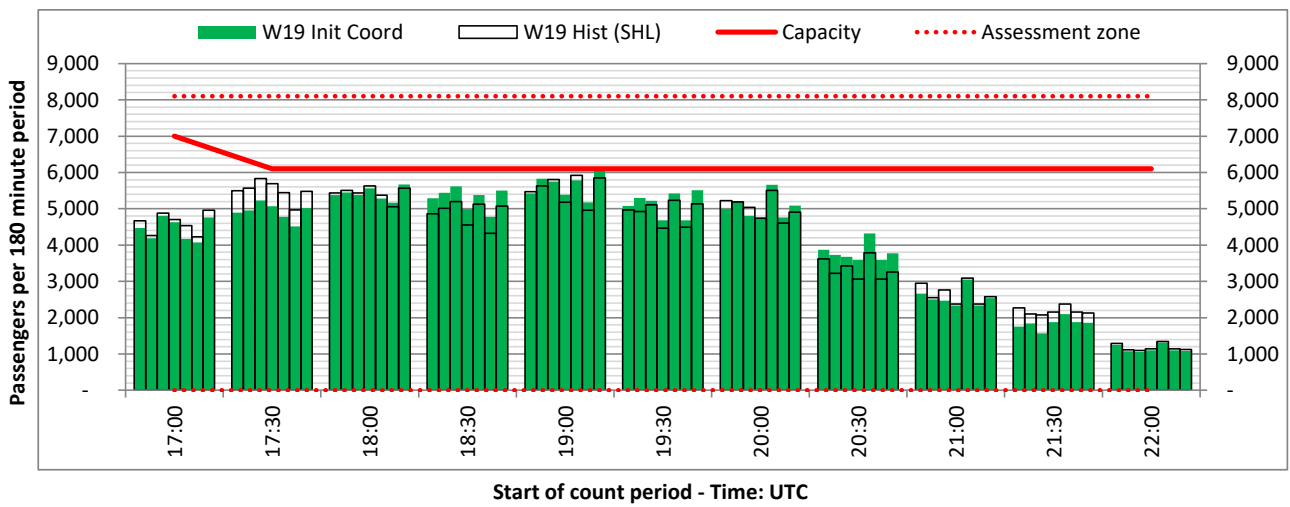
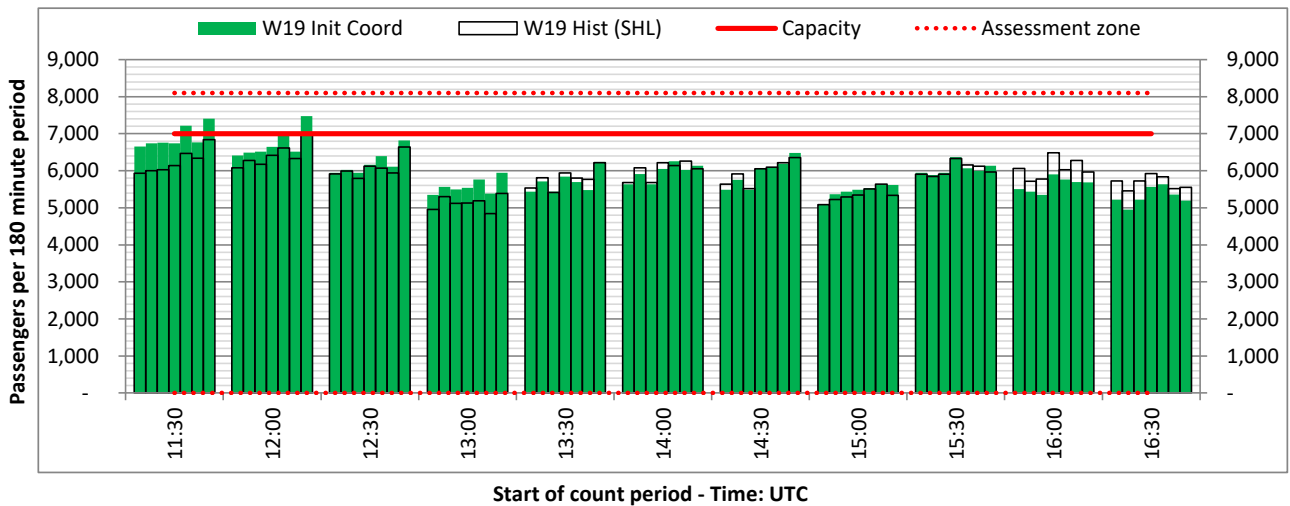
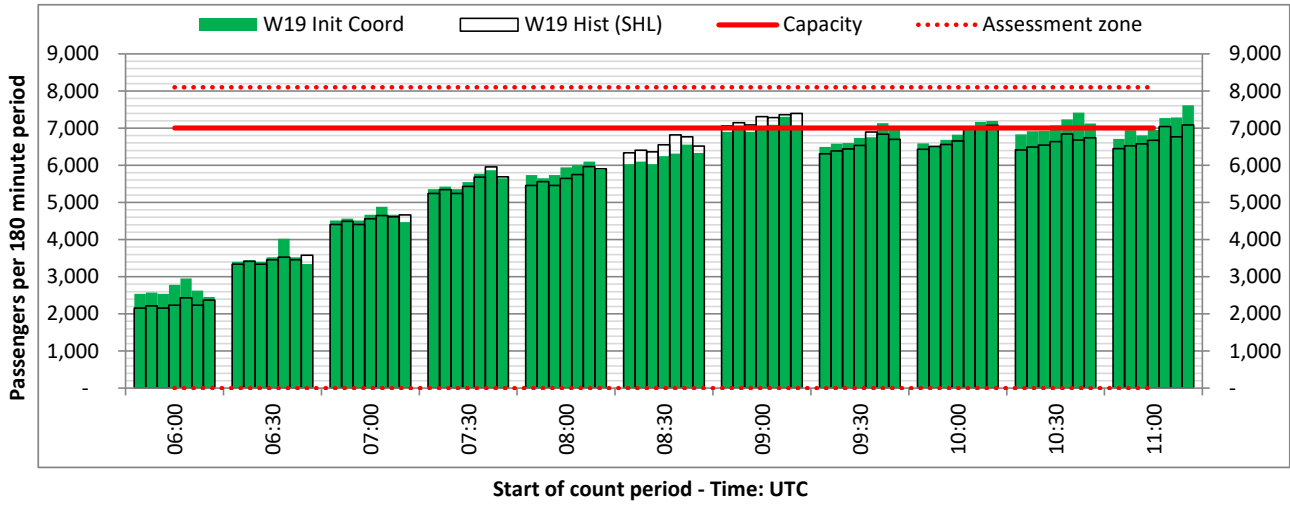
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Peak Week - Passengers Histogram

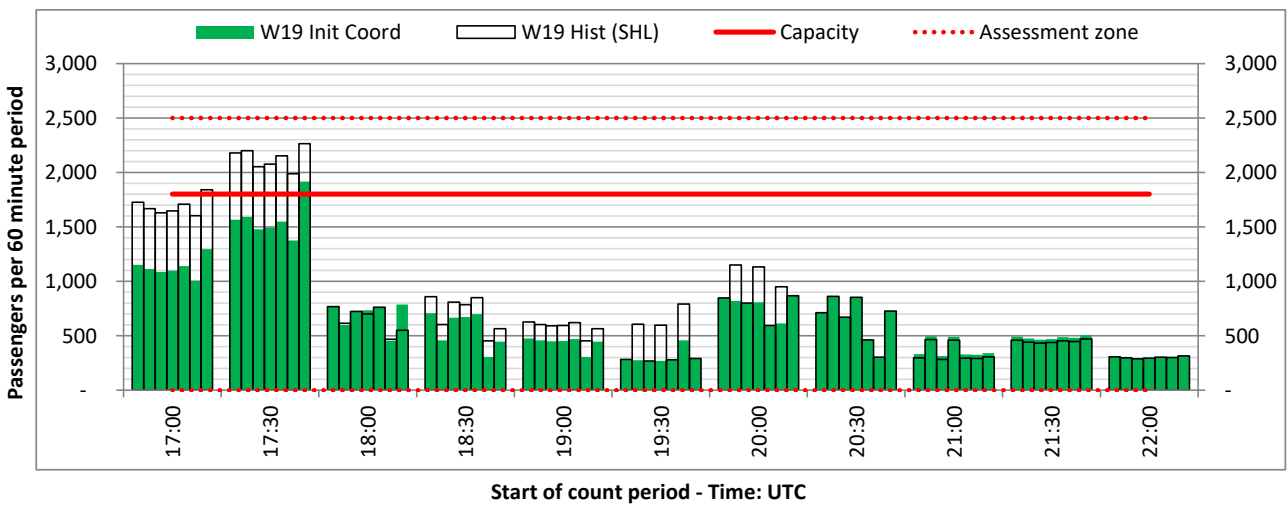
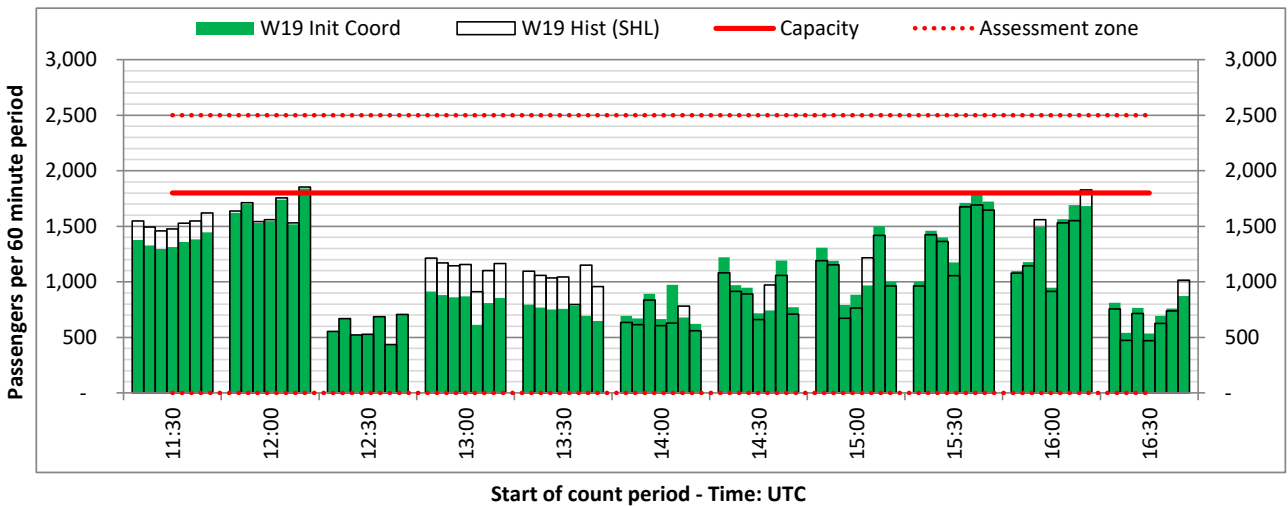
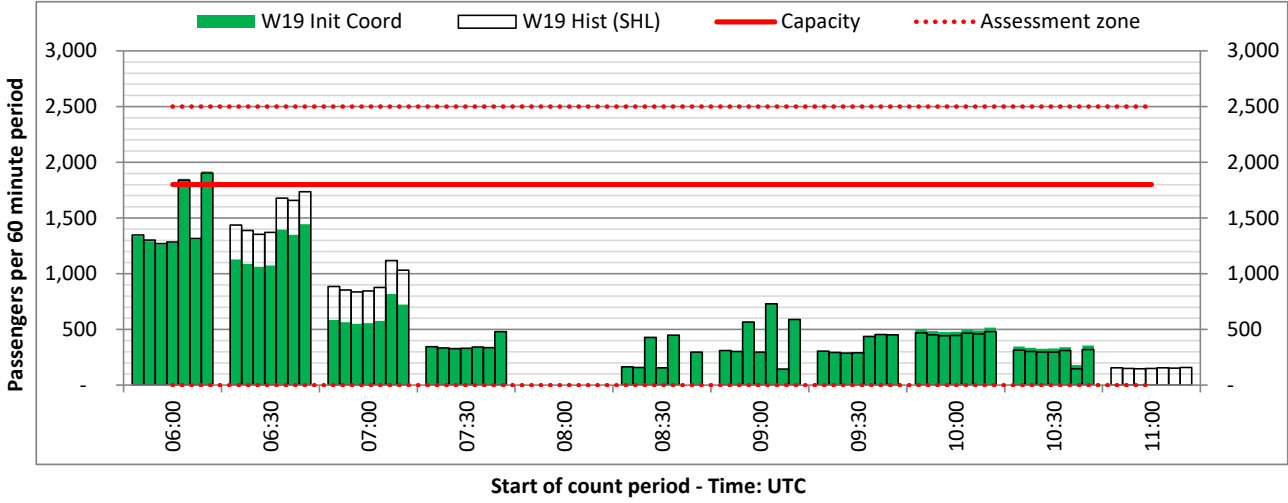
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 4I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

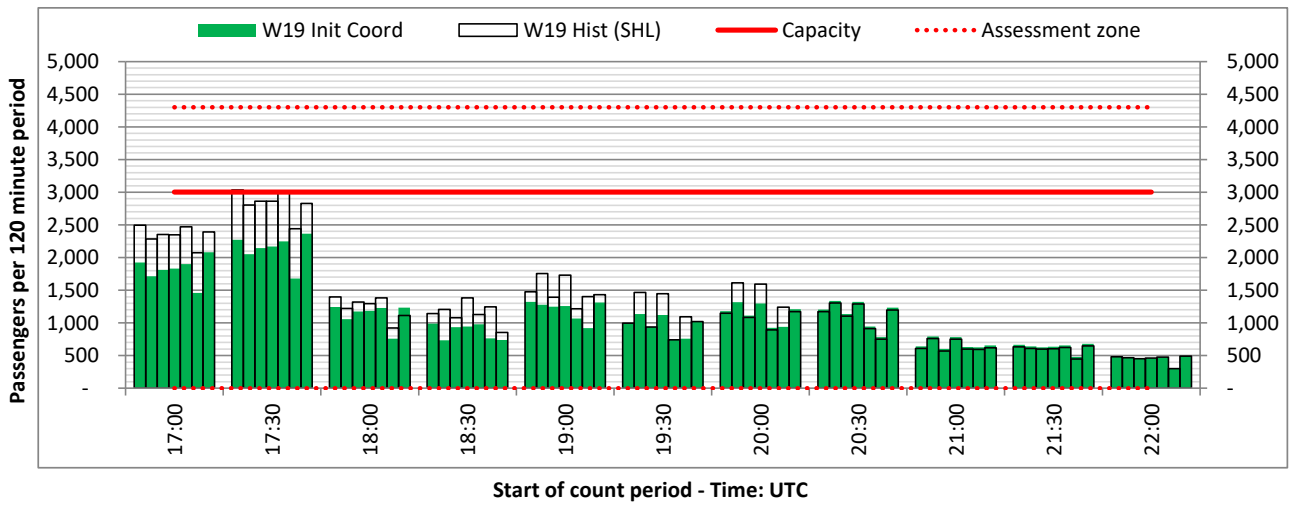
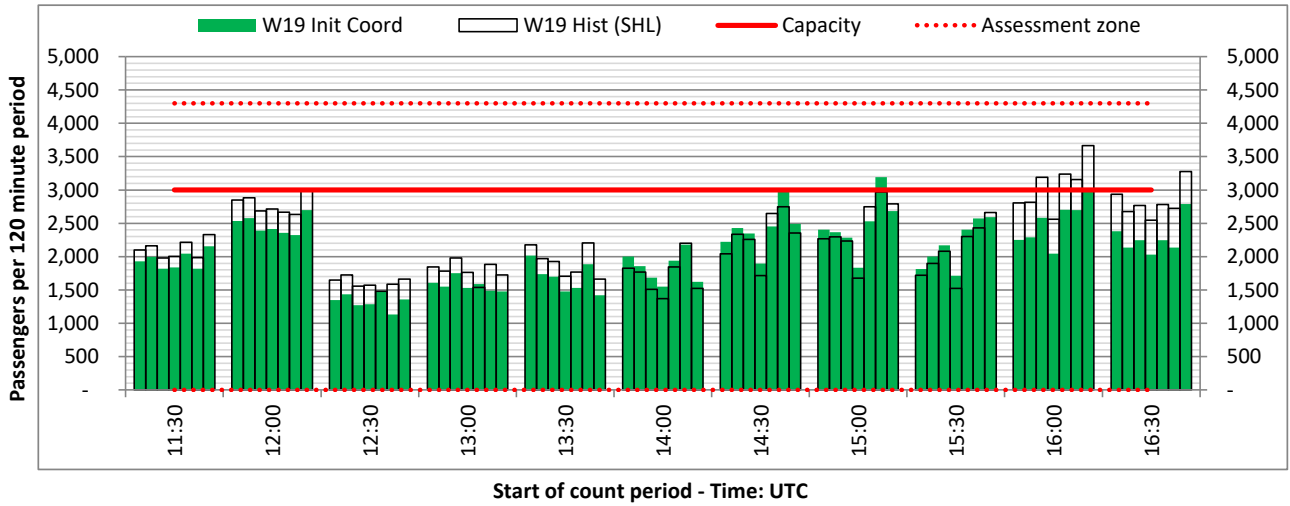
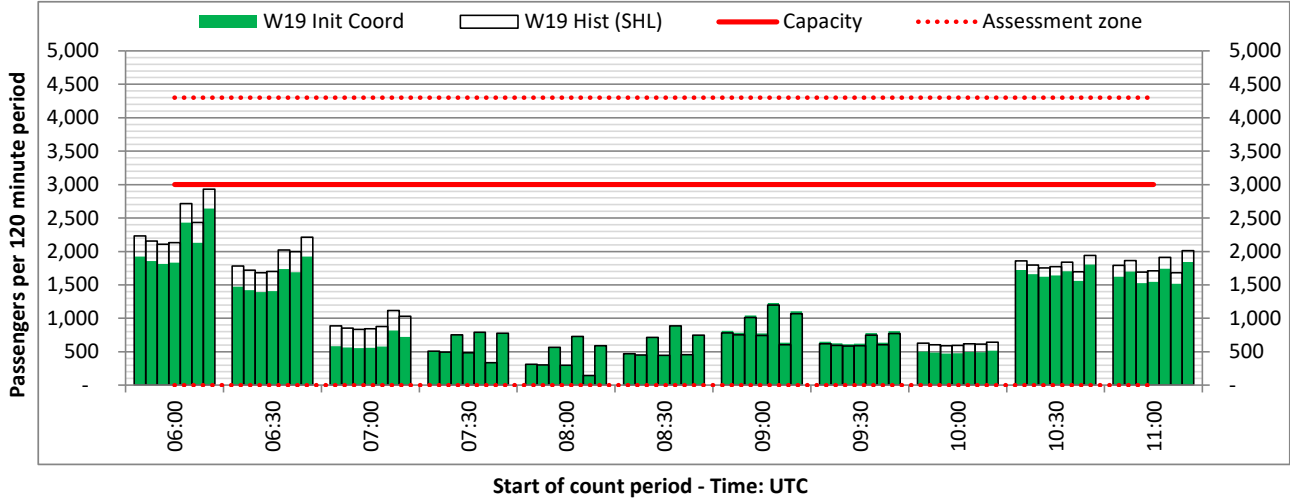
ARRIVAL - 120 minute count rolling every 30 mins (T2H/30)



Terminals: 4I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

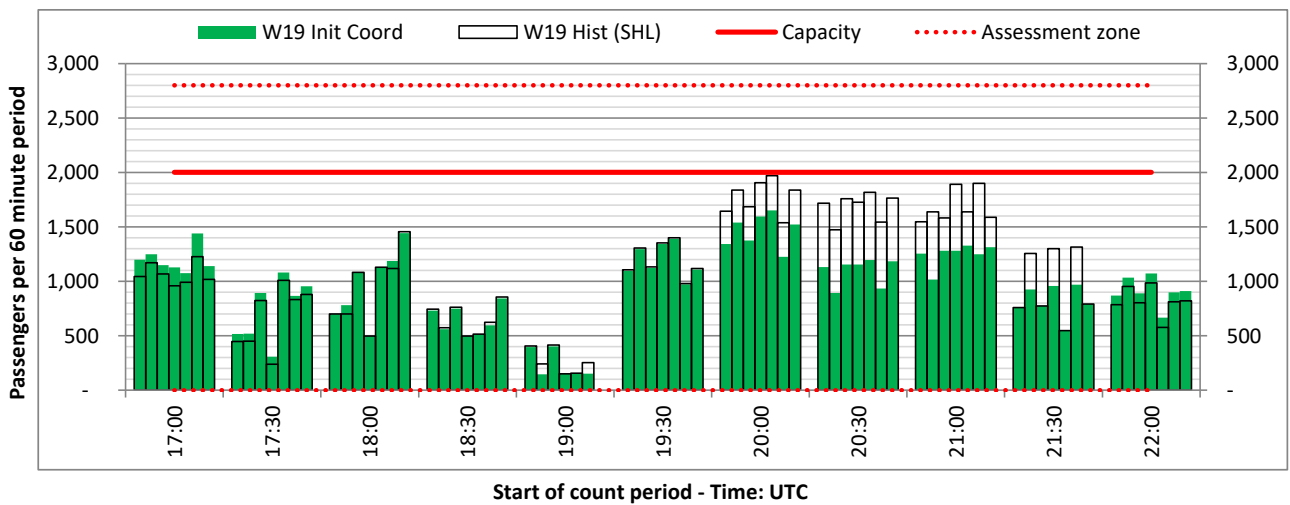
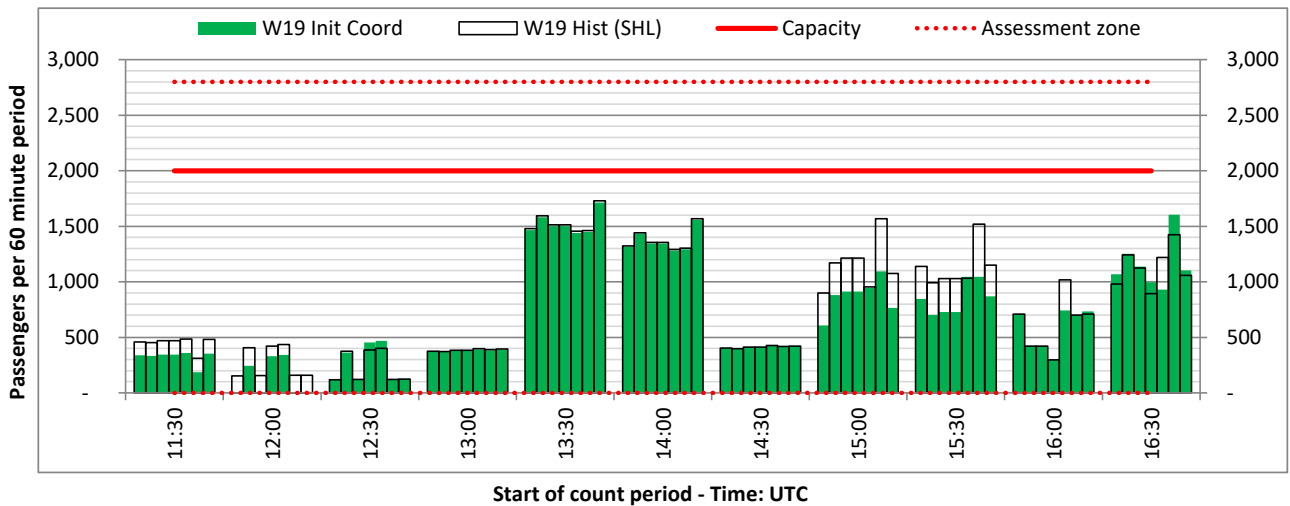
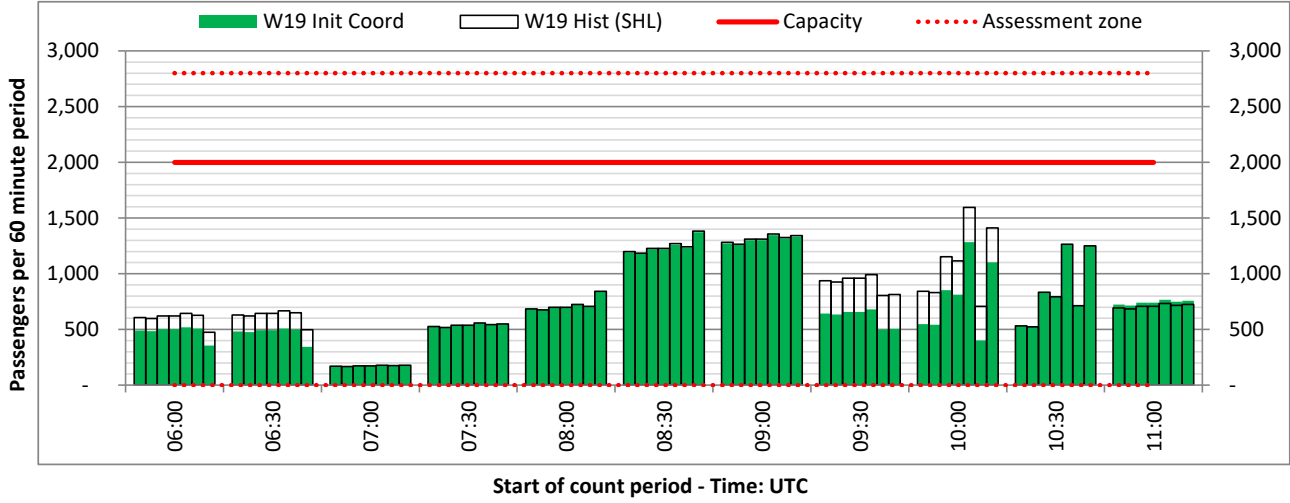
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Terminals: 4I

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Peak Week - Passengers Histogram

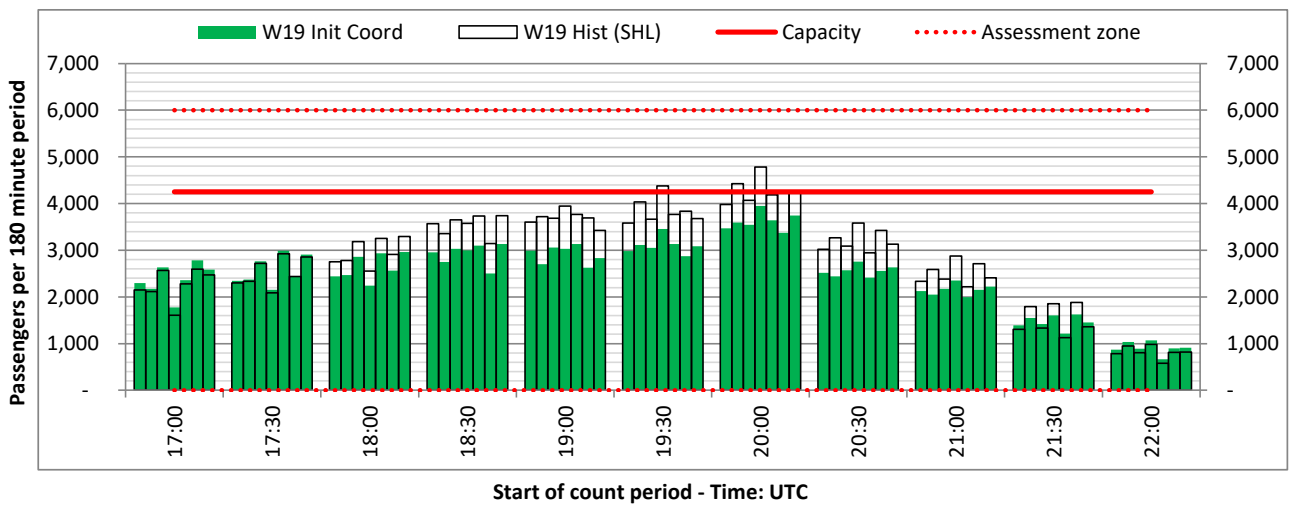
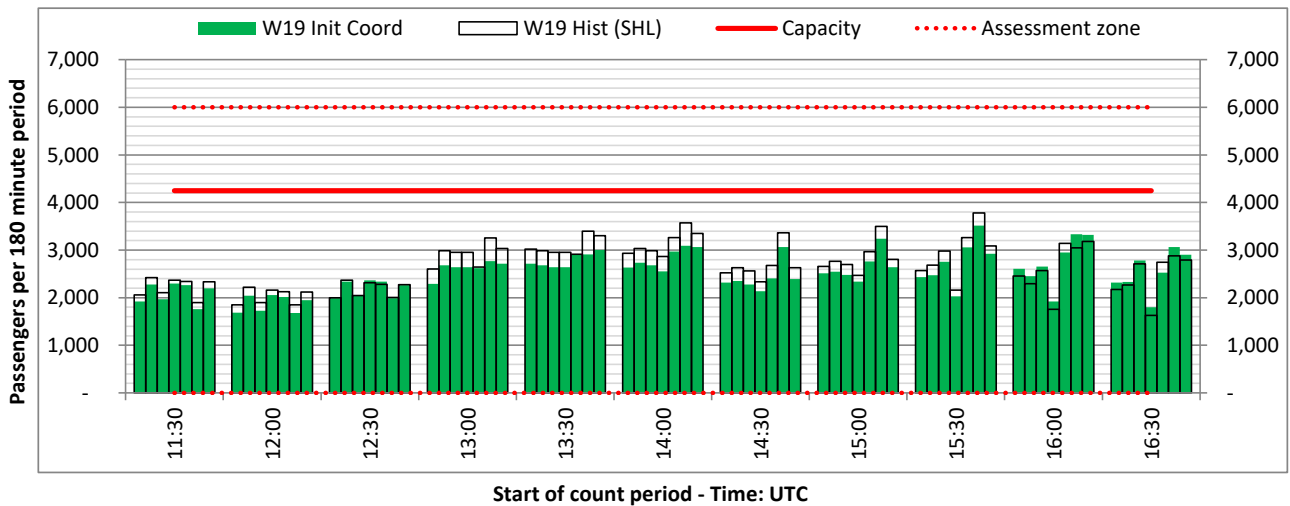
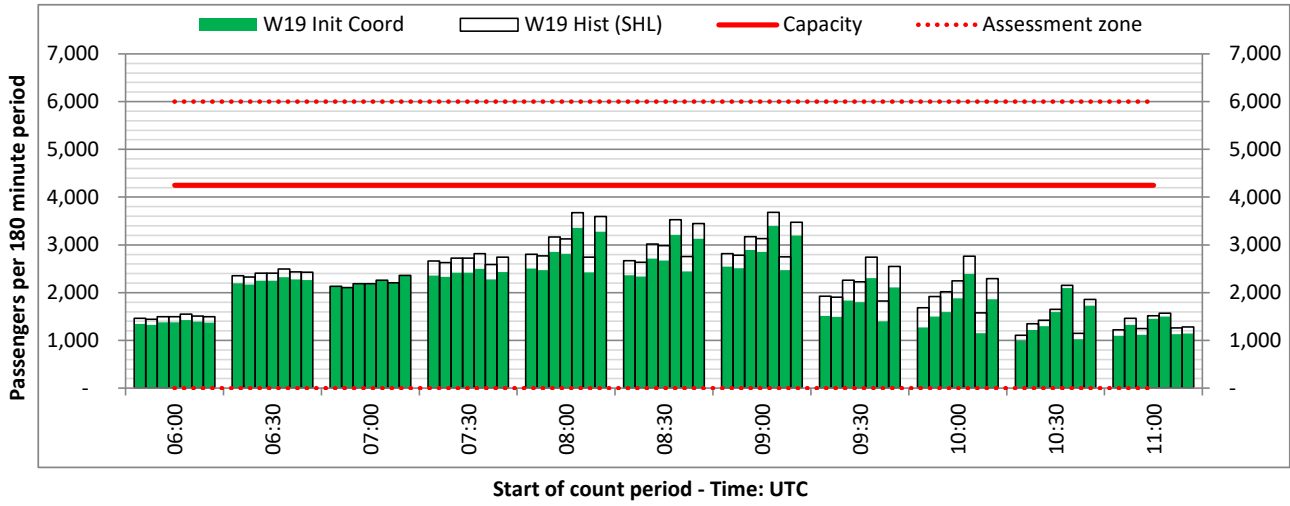
DEPARTURE - 180 minute count rolling every 30 mins (T3H/30)



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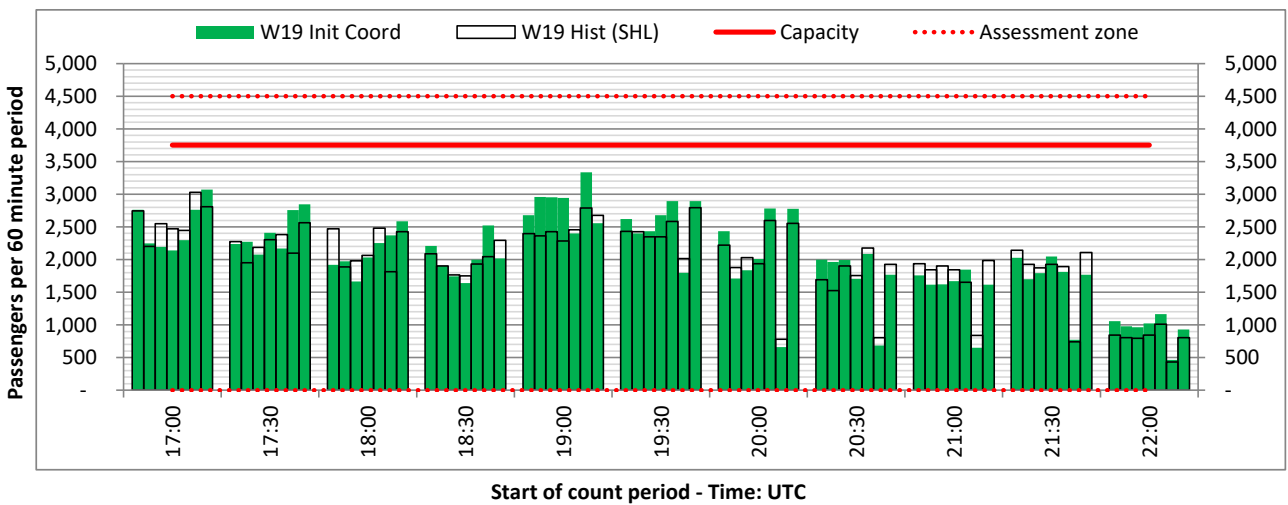
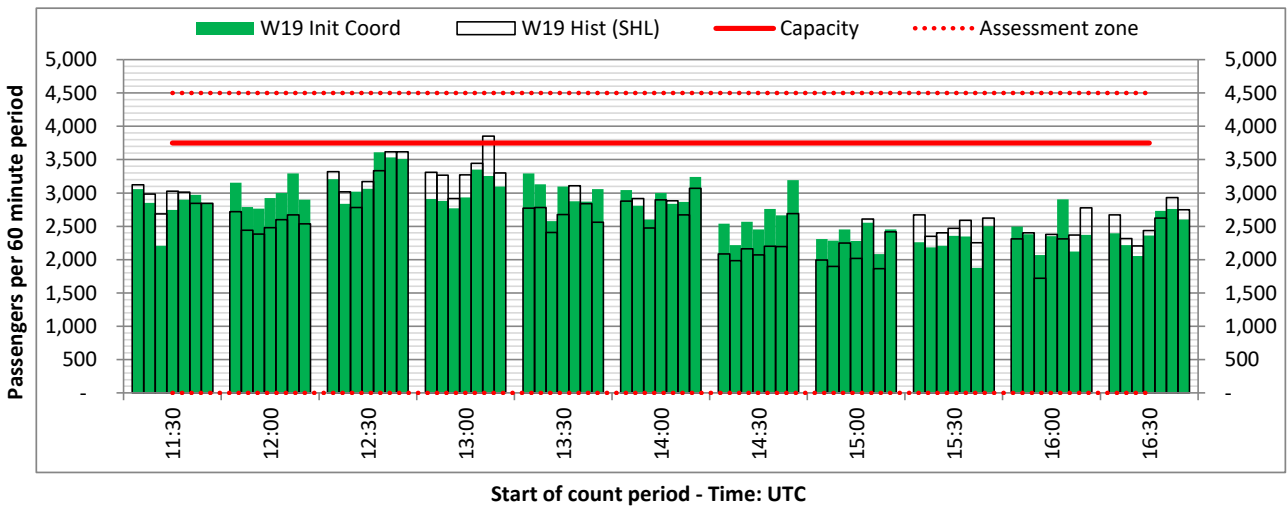
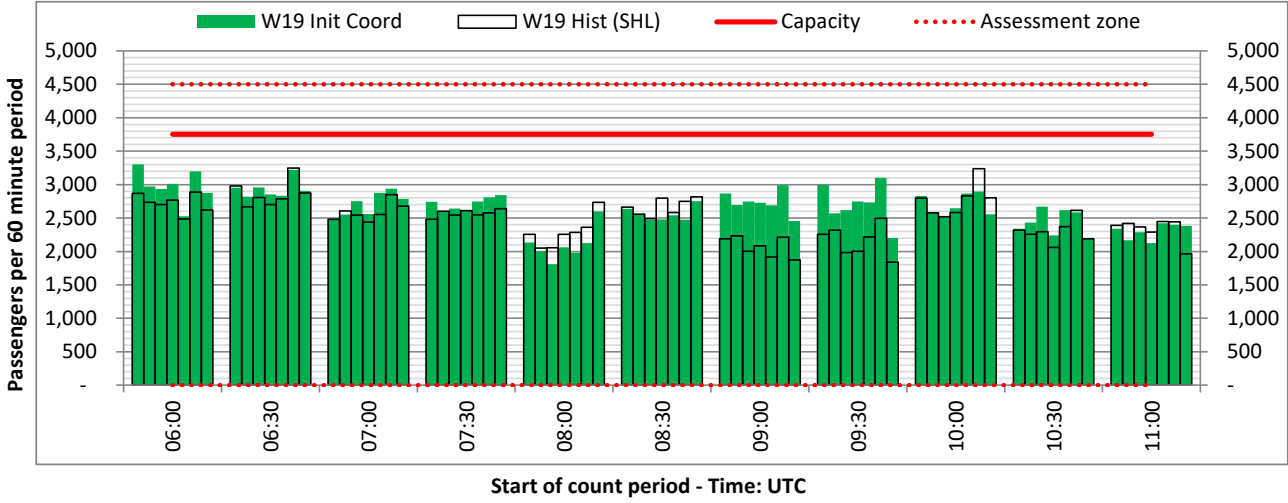
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 5I

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

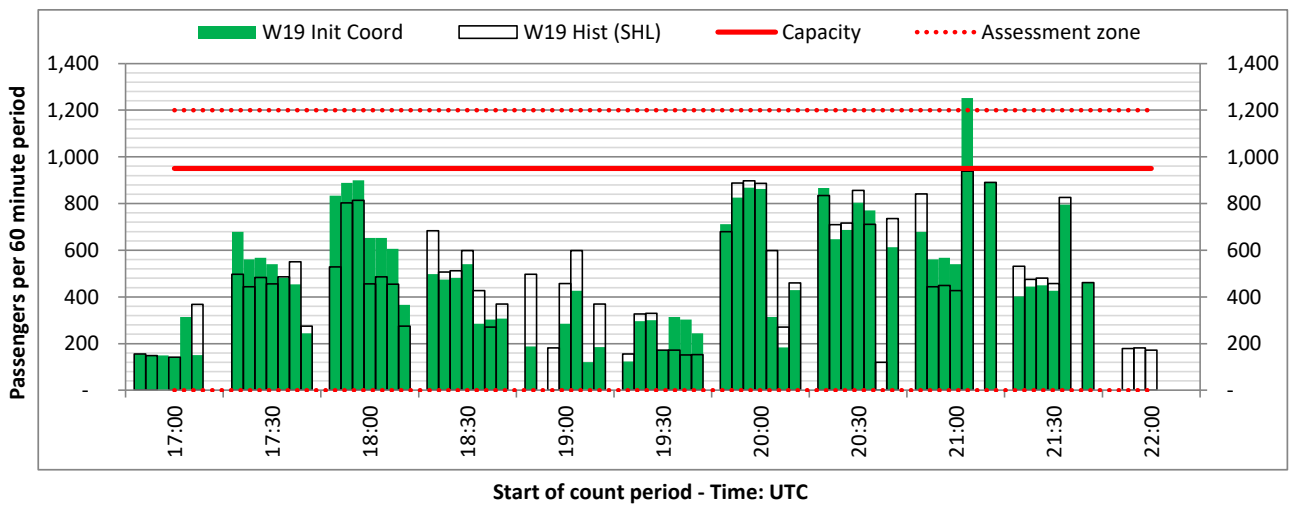
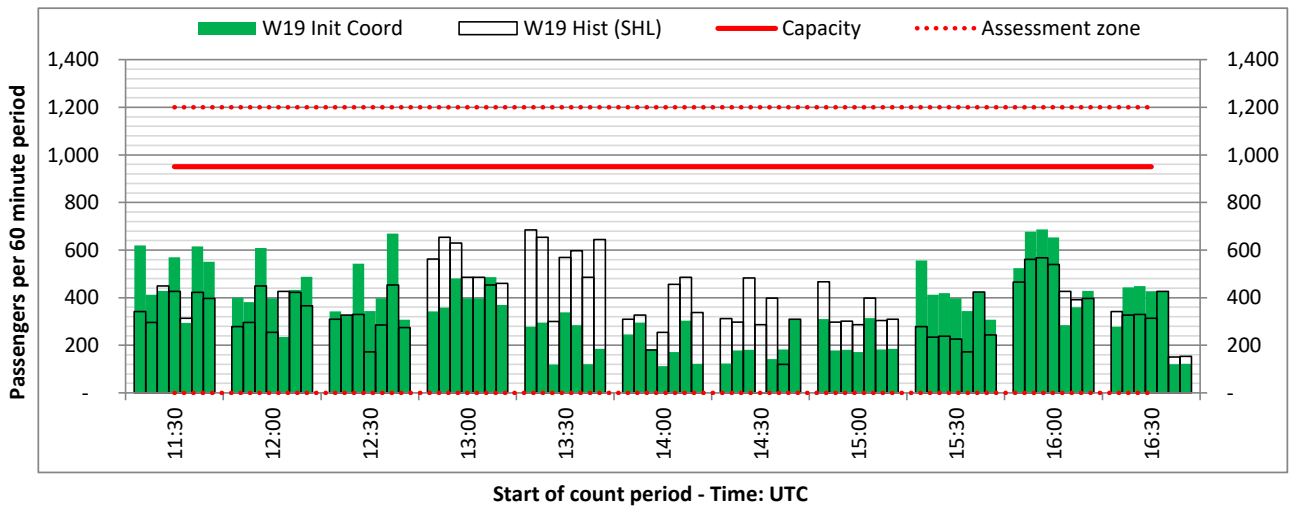
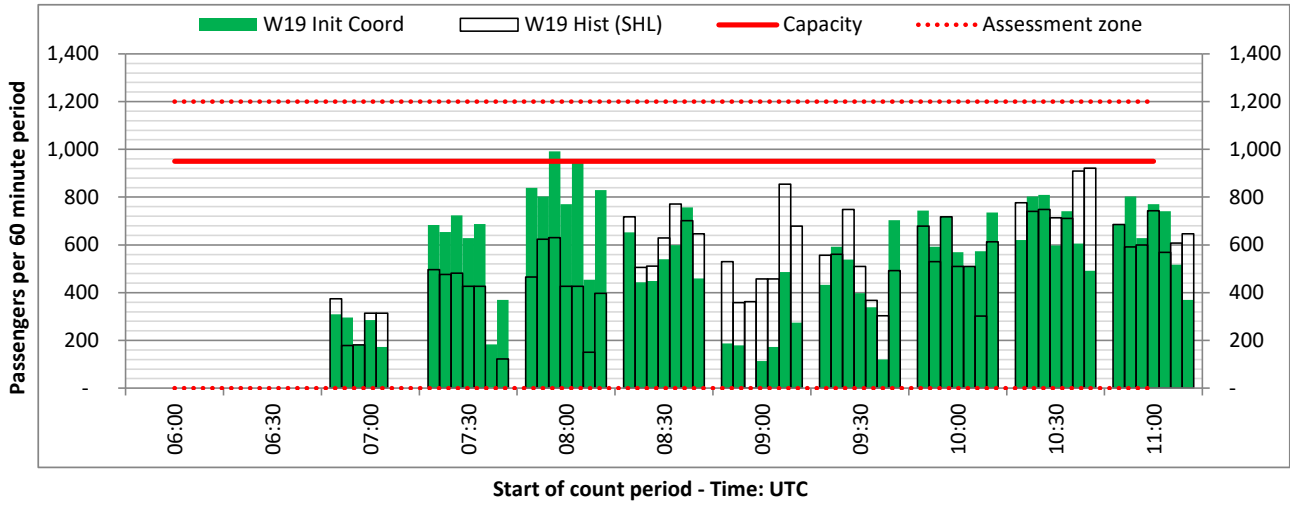
ARRIVAL - 60 minute count rolling every 30 mins (T60/30)



Terminals: 5D

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

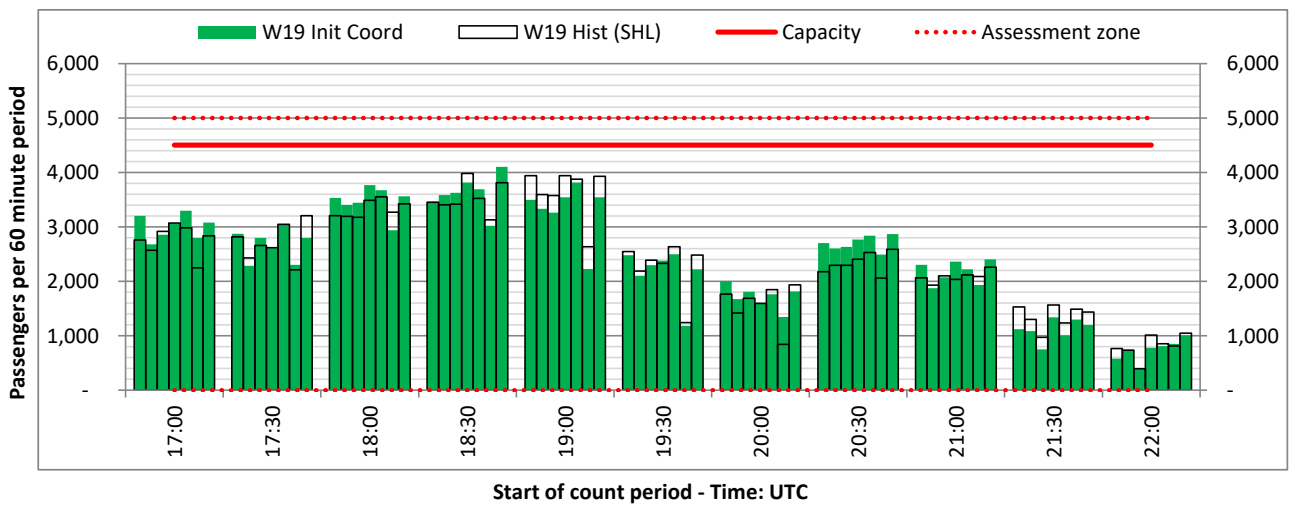
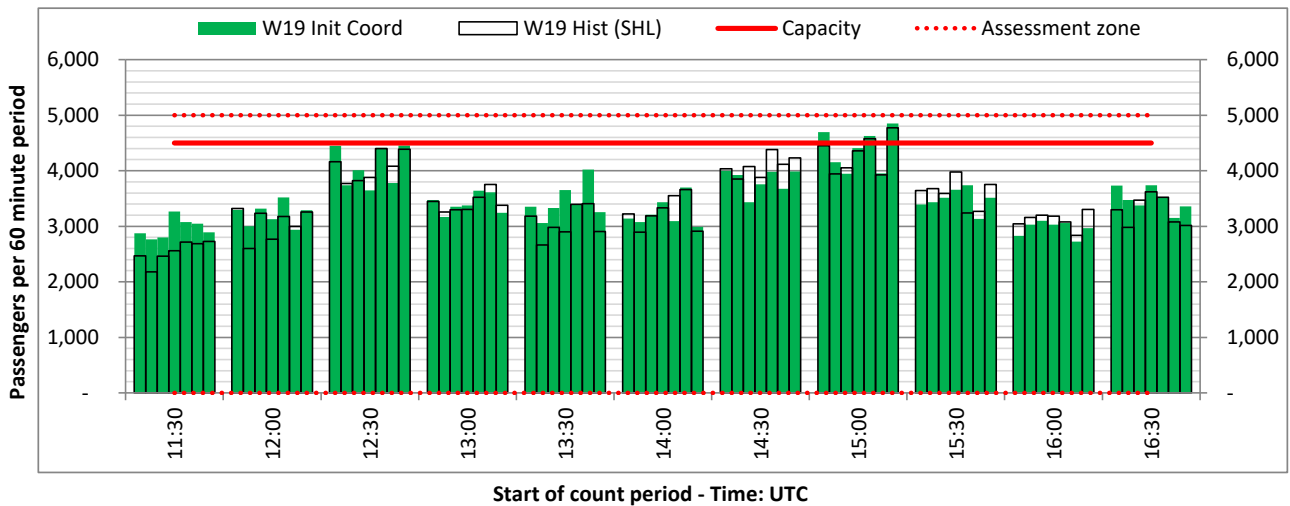
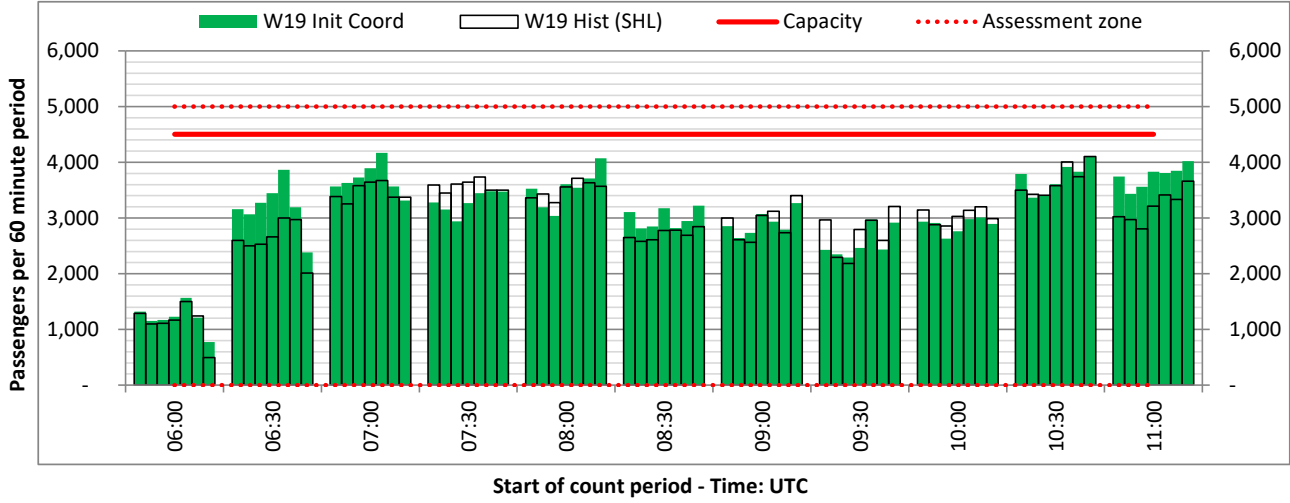
DEPARTURE - 60 minute count rolling every 30 mins (T60/30)



Terminals: 5D 5I

Operators: All Operators

Days: 1234567



Glossary



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

W18 Init Coord	W18 schedule as cleared on Fri 08-Jun-18.
W19 Hist (SHL)	W19 schedule as cleared on Thu 11-Apr-19.
W19 Init Coord	W19 schedule as cleared on Fri 07-Jun-19.
Peak Week	Peak week for W18 is Mon 25-Feb-19 to Sun 03-Mar-19. Peak week for W19 is Mon 24-Feb-20 to Sun 01-Mar-20.

For ACL use

	Airport-Season-Branch-Resource	From date	To date	Time
Full Season Rep 1	LHR-W18-Initial Coord Report-Standard	Sun 28-Oct-2018	Sat 30-Mar-2019	UTC
Full Season Rep 2	LHR-W19-SHL-Standard	Sun 27-Oct-2019	Sat 28-Mar-2020	UTC
Full Season Rep 3	LHR-W19-Initial Coord Report-Standard	Sun 27-Oct-2019	Sat 28-Mar-2020	UTC
	Airport-Season-Branch-Resource	From date	To date	Time
Peak Week Rep 1	LHR-W18-Initial Coord Report-Standard	Mon 25-Feb-2019	Sun 03-Mar-2019	UTC
Peak Week Rep 2	LHR-W19-SHL-Standard	Mon 24-Feb-2020	Sun 01-Mar-2020	UTC
Peak Week Rep 3	LHR-W19-Initial Coord Report-Standard	Mon 24-Feb-2020	Sun 01-Mar-2020	UTC