

Dublin Airport (DUB)

Winter 2016/17 (W16)



Start of Season Report

Report Date: Tue 11-Oct-2016

Headlines

	W16 Start	vs. W15 Start	vs. W15 End
Total Air Transport Movements (Passenger & Freight)	74,475	▲ 4.5%	▲ 5.6%
Total Passenger Air Transport Movements	72,822	▲ 4.6%	▲ 5.8%
Total Passenger Air Transport Movement Seats	12,084,821	▲ 4.7%	▲ 5.8%
Average Seats per Passenger Air Transport Movement	166	▲ 0.2%	▲ 0.0%
Percentage of allocated slots cleared as requested (OK)	96.19%		

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W15 scheduling season runs from Sun 25-Oct-2015 to Sat 26-Mar-2016 (154 days).

W16 scheduling season runs from Sun 30-Oct-2016 to Sat 25-Mar-2017 (147 days).

W15 full season data is adjusted by a factor of 0.95455 in order to directly compare against W16 full season data.

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Air Transport Movement Allocation by Operator

Comparison between W15 End vs. W16 Start



Operator	FULL SEASON ALLOCATION							PEAK WEEK ALLOCATION								
	W15 ATMs	W16 ATMs	+/- change	W16 Rank	W15 Seats	W16 Seats	+/- change	W16 Rank	W15 ATMs	W16 ATMs	+/- change	W16 Rank	W15 Seats	W16 Seats	+/- change	W16 Rank
Aer Lingus	27,105	28,099	994	2	4,108,135	4,254,869	146,734	2	1,448	1,408	-40	2	222,098	216,704	-5,394	2
Air Canada	94	152	58	30	26,380	42,864	16,484	22	6	6	0	31	1,692	1,692	0	22
Air Contractors	45	33	-12	39	6,595	4,851	-1,744	32	4	1	-3	41	588	147	-441	35
Air France	1,376	1,422	46	6	127,048	131,100	4,052	8	68	72	4	6	6,532	6,650	118	8
Air Moldova	67	126	59	35	7,659	14,364	6,705	29	2	6	4	31	228	684	456	29
American Airlines	271	270	-1	20	52,252	51,456	-796	18	14	14	0	17	2,464	2,464	0	19
Blue Air	166	290	124	18	28,220	49,300	21,080	20	8	14	6	17	1,360	2,380	1,020	20
British Airways	3,134	3,203	69	3	405,695	427,137	21,442	3	164	142	-22	3	21,119	18,721	-2,398	3
Cityjet	1,595	1,640	45	5	151,510	155,824	4,314	7	74	82	8	5	7,030	7,796	766	7
Delta Airlines	291	274	-17	19	84,053	71,258	-12,795	12	14	14	0	17	4,102	4,006	-96	12
Emirates	586	584	-2	9	212,747	220,920	8,173	4	28	28	0	9	11,020	9,996	-1,024	4
Ethiopian Airlines	239	248	9	23	64,623	66,960	2,337	13	12	12	0	22	3,240	3,240	0	14
Ethihad Airways	427	292	-135	16	130,792	110,960	-19,832	9	14	14	0	17	5,320	5,320	0	10
Finnair	120	192	72	28	12,027	19,200	7,173	27	6	12	6	22	600	1,200	600	24
Flybe	1,717	1,952	235	4	143,162	181,856	38,694	6	89	96	7	4	7,386	8,928	1,542	6
Germanwings	118	152	34	30	17,984	23,640	5,656	25	6	8	2	29	948	1,260	312	23
Iberia	-	126	126	35	-	22,680	22,680	26	-	6	6	31	-	1,080	1,080	26
Iberia Express	128	-	-128	51	23,024	-	-23,024	44	6	-	-6	43	1,080	-	-1,080	36
Icelandair	11	10	-1	40	2,096	1,830	-266	33	-	6	6	31	-	1,098	1,098	25
KLM Royal Dutch Airlines	-	581	581	10	-	56,660	56,660	16	-	28	28	9	-	2,728	2,728	17
Loganair	11	138	128	33	525	5,642	5,117	31	-	6	6	31	-	232	232	33
Lufthansa	1,017	1,098	81	7	173,067	182,238	9,171	5	54	56	2	7	9,474	9,240	-234	5
Luxair	248	250	2	22	17,762	19,000	1,238	28	12	12	0	22	804	912	108	28
Norwegian	191	294	103	15	35,509	54,684	19,175	17	10	16	6	16	1,860	2,976	1,116	16
Ryanair	27,227	28,721	1,495	1	5,144,007	5,428,269	284,262	1	1,393	1,548	155	1	263,277	292,572	29,295	1
SAS Scandinavian	638	680	42	8	100,907	110,758	9,851	10	36	40	4	8	6,342	6,400	58	9
Swiss International	351	346	-5	14	59,041	62,280	3,239	15	22	20	-2	12	4,066	3,600	-466	13
Thomson Airways	140	145	5	32	26,520	27,405	885	23	10	1	-9	41	1,890	189	-1,701	34
Transavia France	220	262	42	21	41,494	49,518	8,024	19	12	14	2	17	2,268	2,646	378	18
Travel Service	-	2	2	44	-	378	378	37	-	2	2	38	-	378	378	30
Turkish Airlines	581	416	-165	13	95,518	65,168	-30,350	14	29	20	-9	12	4,845	3,132	-1,713	15
United Airlines	432	450	18	11	73,077	92,884	19,807	11	27	24	-3	11	4,563	5,078	515	11
Vueling	116	130	14	34	21,095	23,720	2,625	24	4	6	2	31	720	1,080	360	26
WOW Air	95	220	125	24	16,609	44,000	27,391	21	6	10	4	25	1,044	2,000	956	21
TOTAL	68,758	72,798	4,040		11,409,132	12,073,673	664,541		3,578	3,744	166		597,960	626,529	28,569	

Operators with 0 'ATMs' in both W15 End & W16 Start schedules are included in the table due to appearing in the W15 Start schedule (either with/without allocated slots).

Peak Week - Allocation and Slot Adjustment Distribution by Operator

Schedule: W16 Start



Operator	W16 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	
Aer Lingus	1,408	98.1%	1.1%	0.4%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Air Canada	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%	-
Air Contractors	1	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%	-
Air France	72	98.6%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Air Moldova	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%	-
American Airlines	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%	-
Blue Air	14	85.7%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
British Airways	142	96.5%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Cityjet	82	91.5%	1.2%	7.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Delta Airlines	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%	-
Emirates	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%	-
Ethiopian Airlines	12	50.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Etihad Airways	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%	-
Finnair	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%	-
Flybe	96	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%	-
Germanwings	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%	-
Iberia	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%	-
Icelandair	6	66.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	-
KLM Royal Dutch Airlines	28	28.6%	46.4%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-
Loganair	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%	-
Lufthansa	56	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%	-
Luxair	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%	-
Norwegian	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%	-
Ryanair	1,548	96.3%	1.5%	1.4%	0.6%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-
SAS Scandinavian	40	90.0%	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%	-
Swiss International	20	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%	-
Thomson Airways	1	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%	-
Transavia France	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%	-
Travel Service	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%	-
Turkish Airlines	20	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%	-
United Airlines	24	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%	-
Vueling	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%	-
WOW Air	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%	-
TOTAL	3,744	98.6%	1.7%	0.9%	0.3%	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-

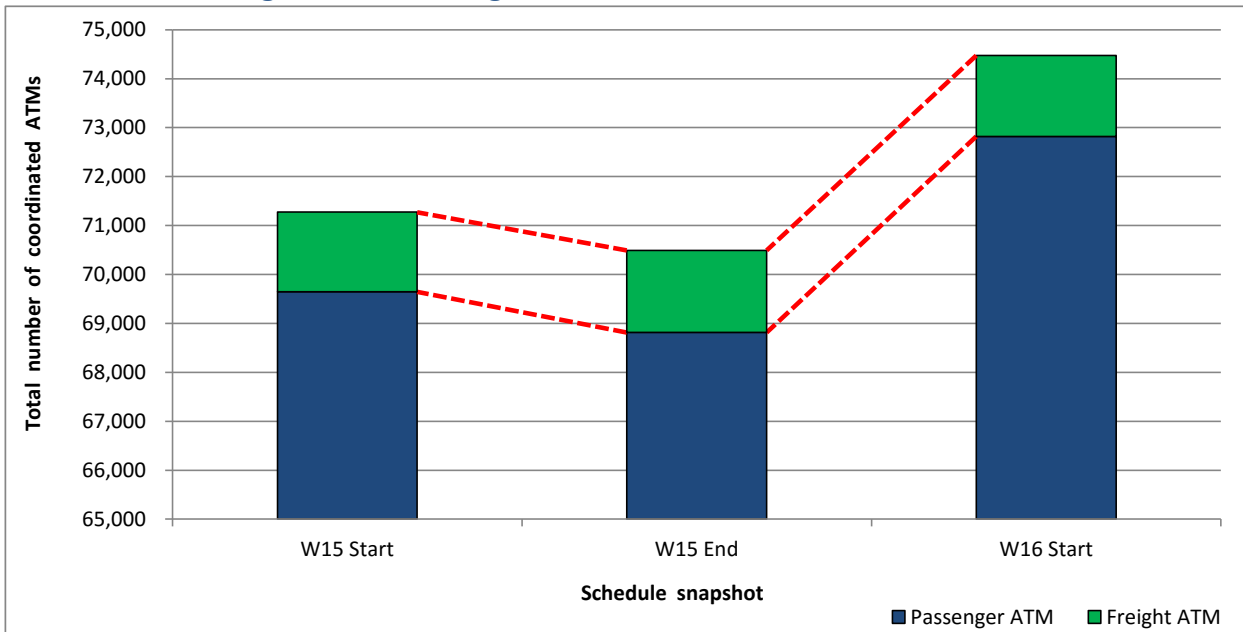
Operators with 0 'allocated ATMs' and 0 'Requests with NO slot allocated' in W16, are included in this list due to having slots allocated in either W15 Start or W15 End schedules.

Significant Route Changes

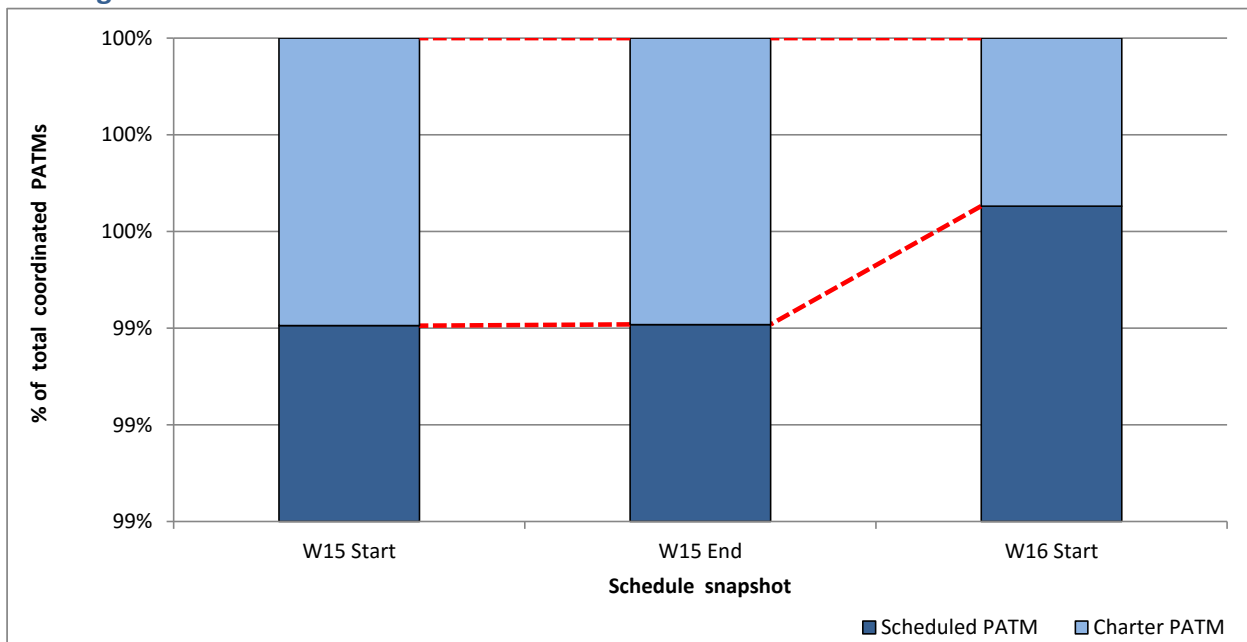


Operator	Category	Description of change from W15 schedule to W16 schedule
Aer Lingus	NEW	Hartford Bradley International, Liberty International (Newark), Los Angeles
Aer Lingus	CHANGE	Reduced Paris Ch. De Gaulle, Nottingham East Midlands, London Heathrow
Aer Lingus	CANCELLED	Copenhagen
Air Canada	CHANGE	Increased Toronto
Air Contractors	NEW	Agadir
Air Contractors	CANCELLED	Chambery
Air France	CHANGE	Reduced Paris Ch. De Gaulle
American Airlines	CHANGE	Reduced Philadelphia
British Airways	NEW	Chambery
British Airways	CHANGE	Reduced London City
Finnair	CHANGE	Increased Helsinki
Flybe	CANCELLED	Bournemouth
Iberia Express	CHANGE	Reduced Madrid
KLM Royal Dutch Airlines	NEW	Amsterdam-Schiphol
Loganair	CHANGE	Increased Inverness
Ryanair	NEW	Hamburg & Sofia
Ryanair	CHANGE	Increased Athens, London Gatwick, Newcastle, Porto & Sevilla. Decreased London Stansted & Paris Beauvais
Ryanair	CANCELLED	Oslo & Bremen
Turkish Airlines	CHANGE	Reduced Istanbul
WOW Air	CHANGE	Increased Keflavík

Total ATMs: Passenger ATMs vs. Freight ATMs



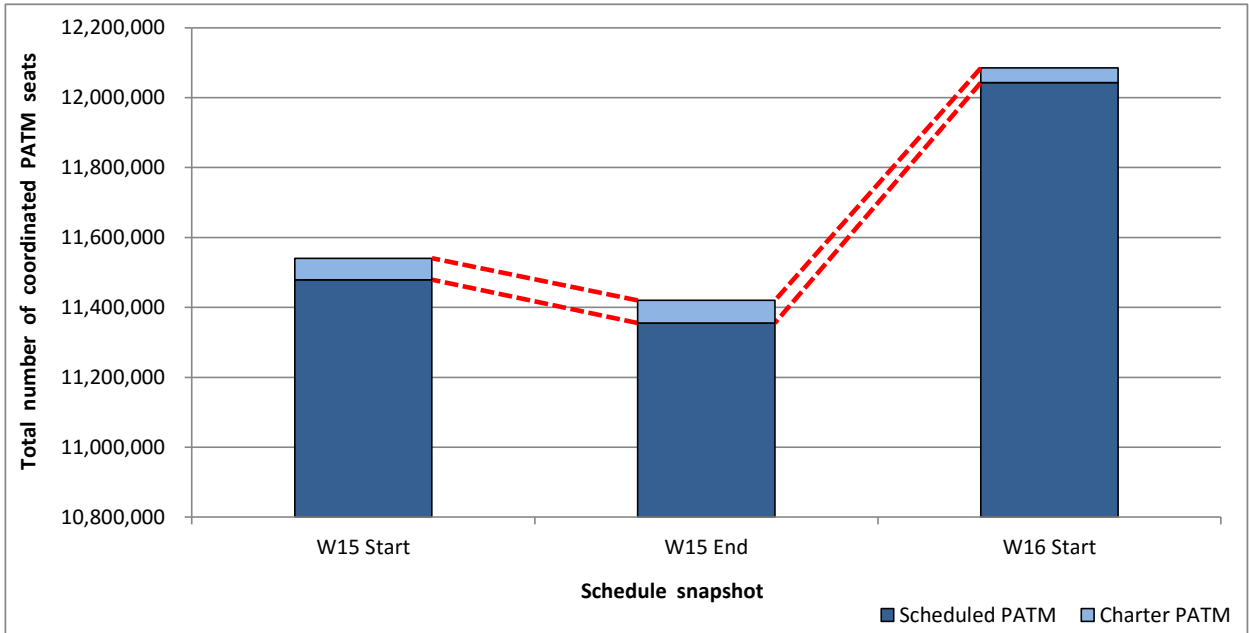
Passenger ATMs: Scheduled vs. Charter



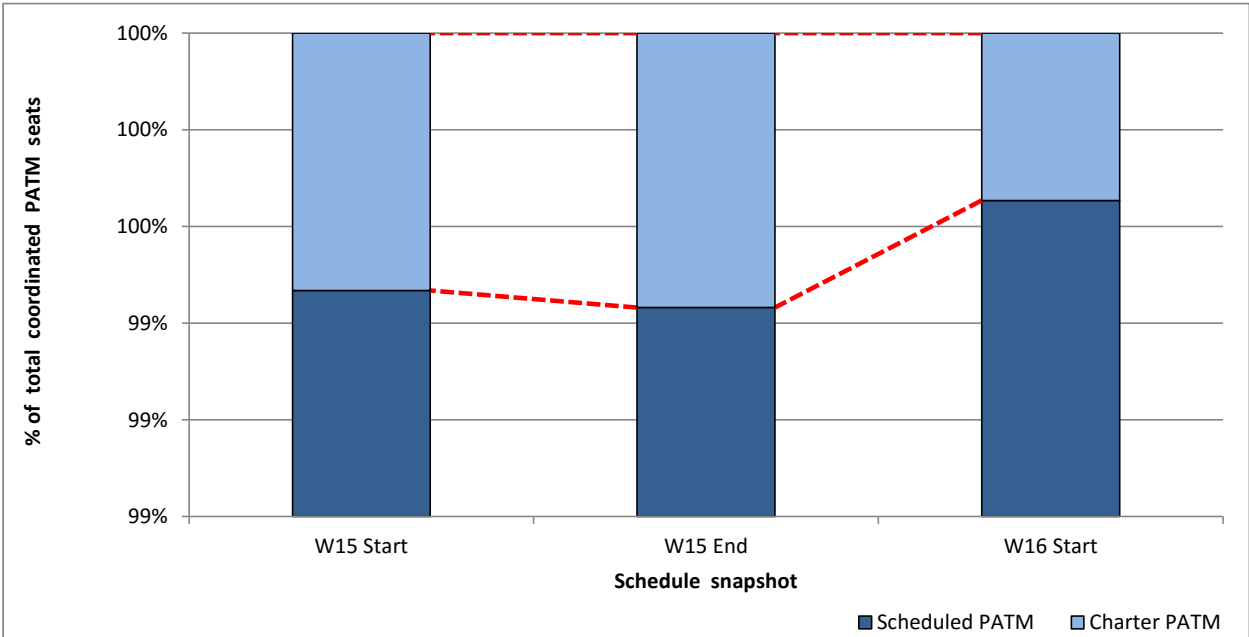
Full Season - PATM Seats Analysis



Total Passenger ATM seats: Scheduled vs. Charter



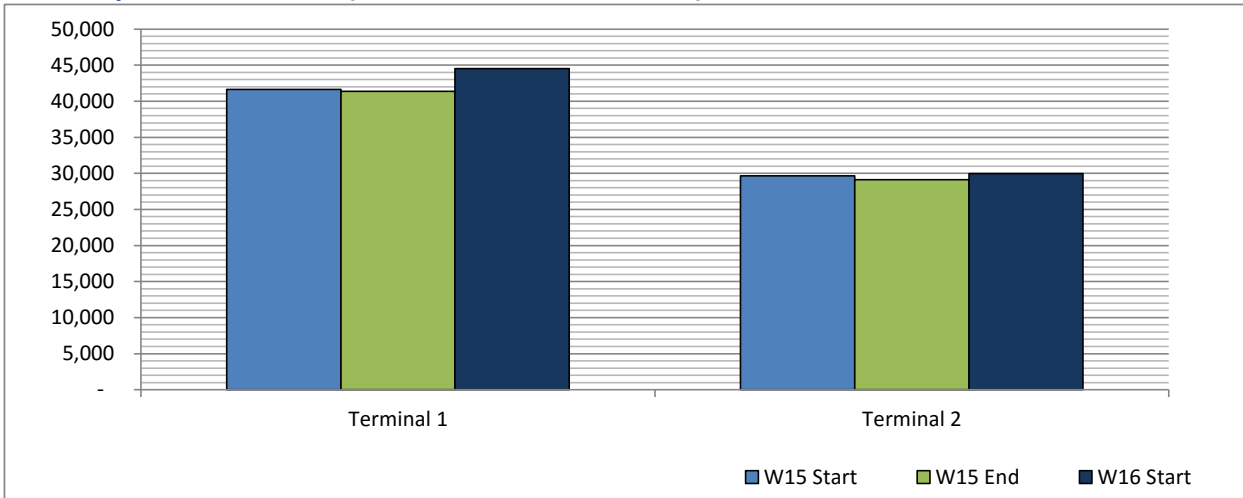
Passenger ATM seats: Scheduled vs. Charter



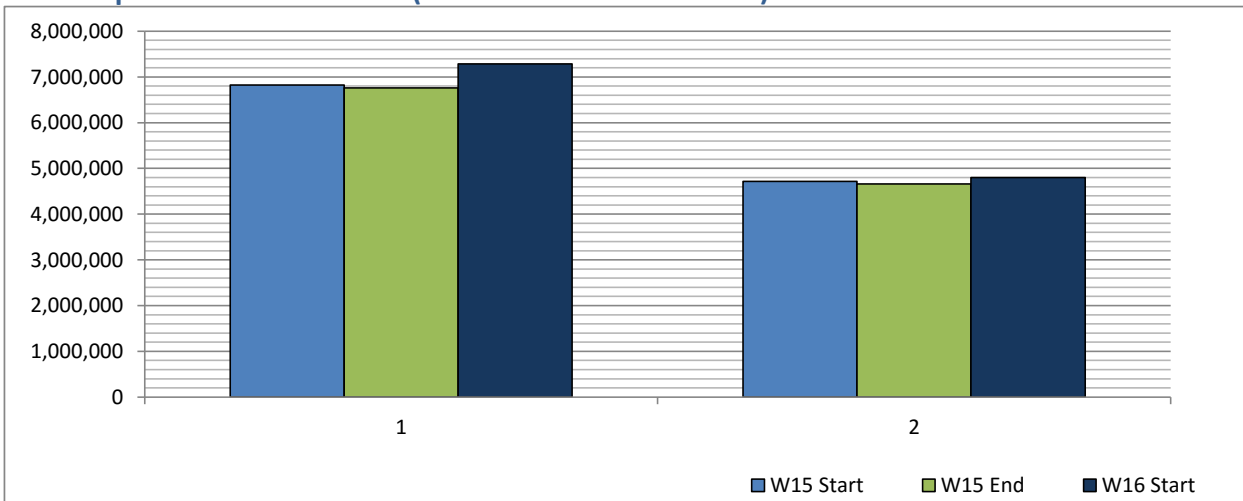
Full Season - Terminal Analysis



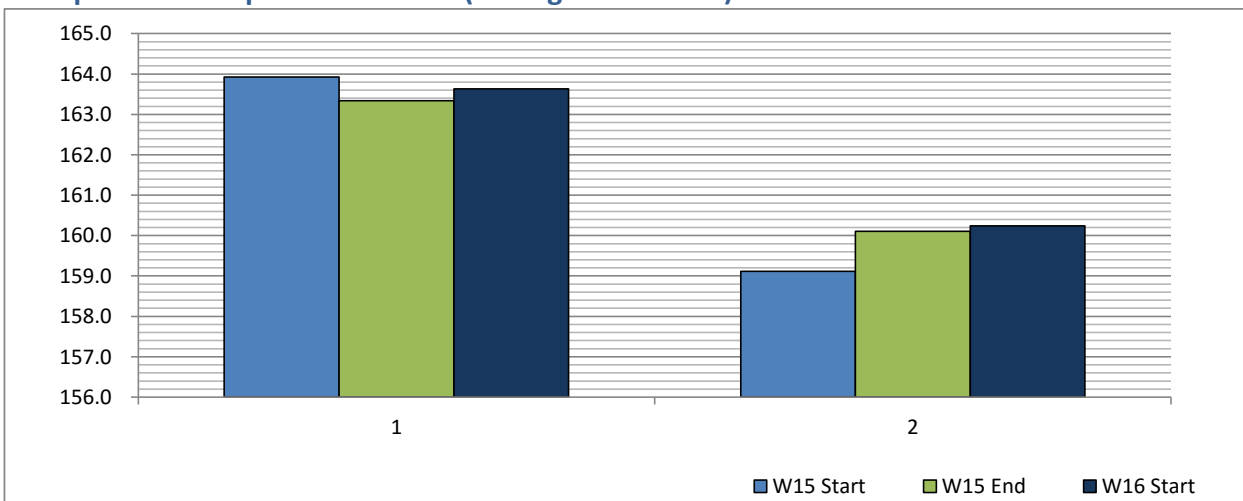
Air Transport Movements (total allocated for season)



Air Transport Movement Seats (total allocated for season)



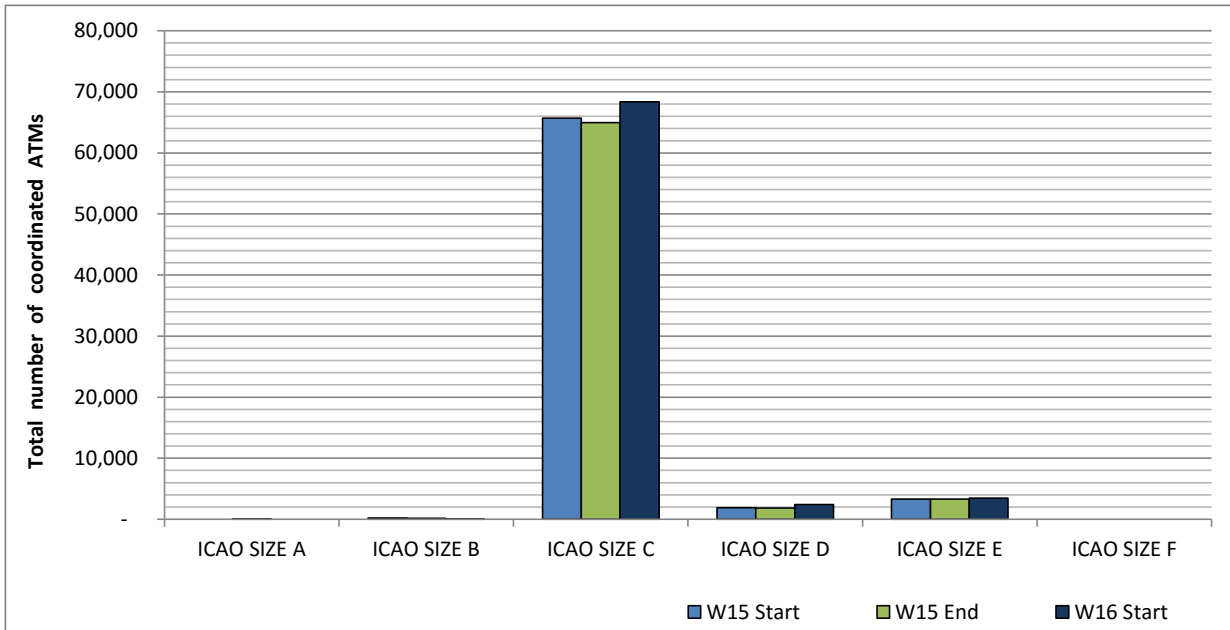
Seats per Air Transport Movement (average for season)



Full Season - Aircraft Size Analysis

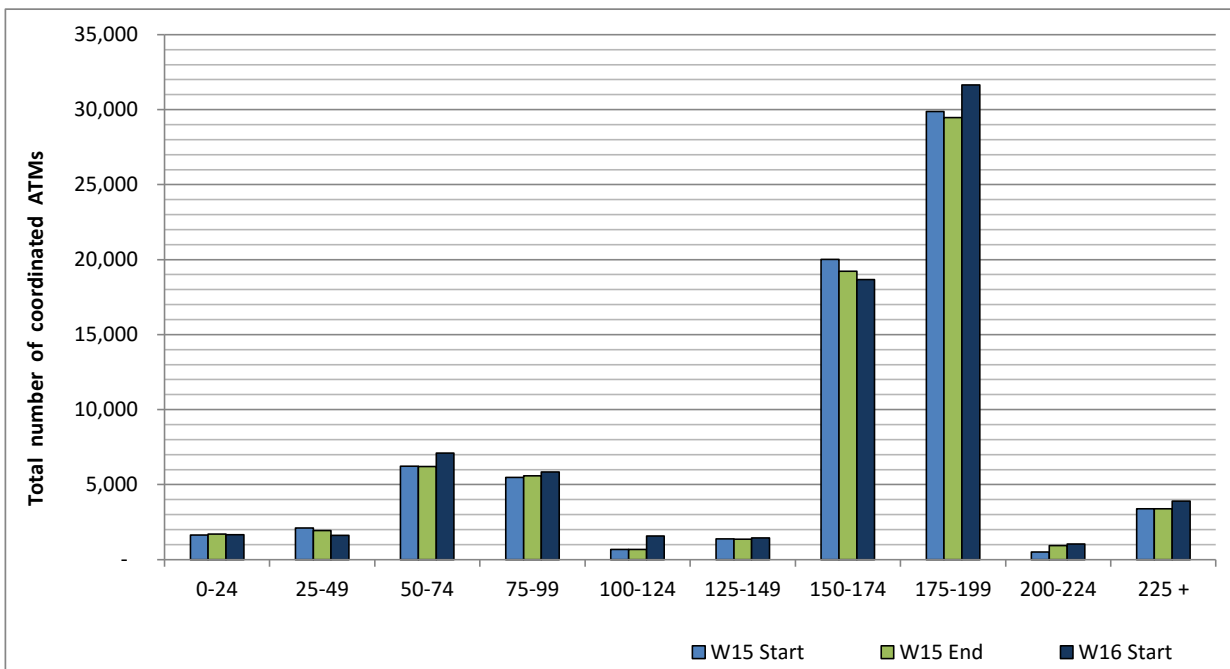


ICAO size designation



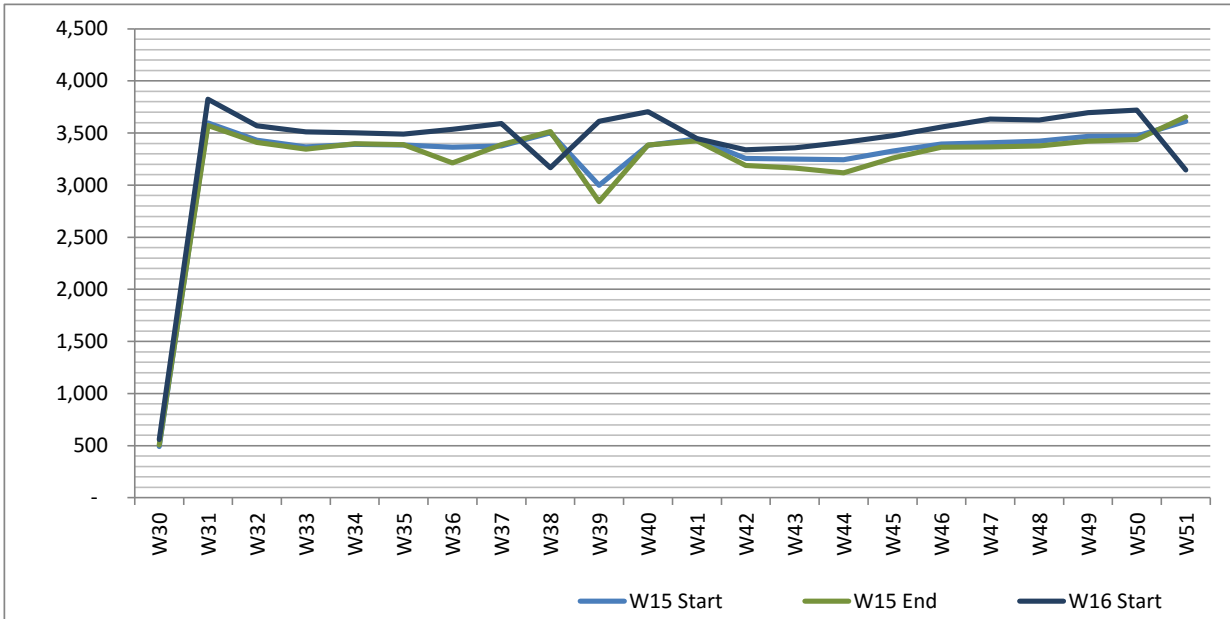
Note: See Glossary for definitions of ICAO SIZE groupings

Air Transport Movement seat distribution

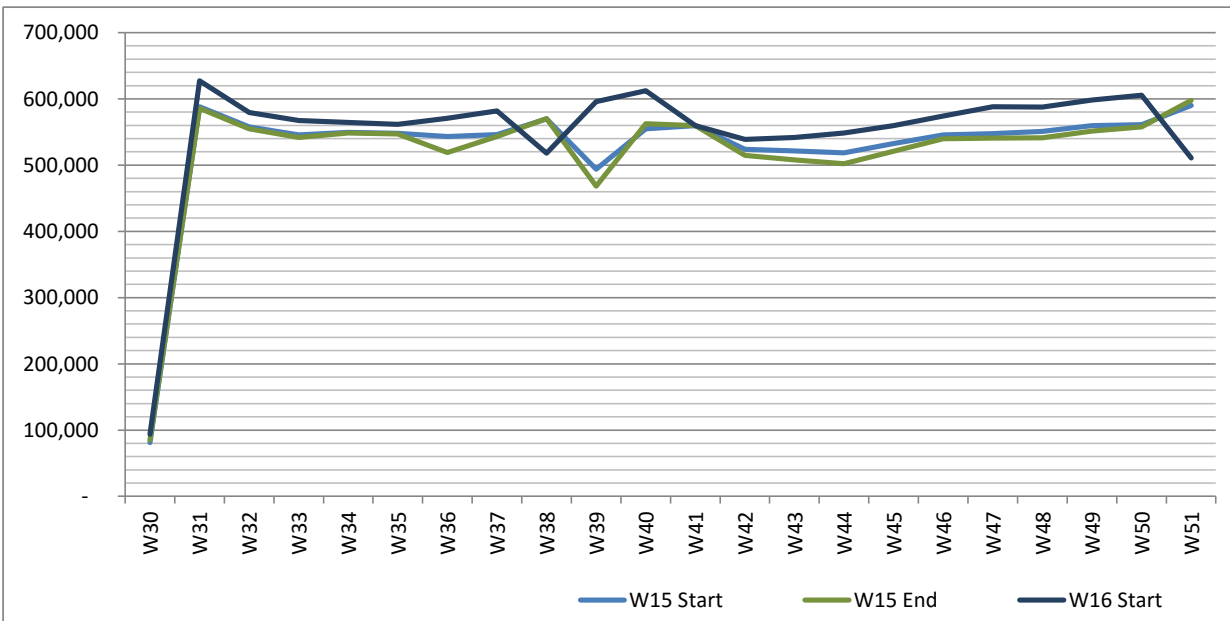


Note: FREIGHT-ONLY services with 0 seats are included in the first seat band '0-24'

Air Transport Movements by week of season



Air Transport Movement Seats by week of season



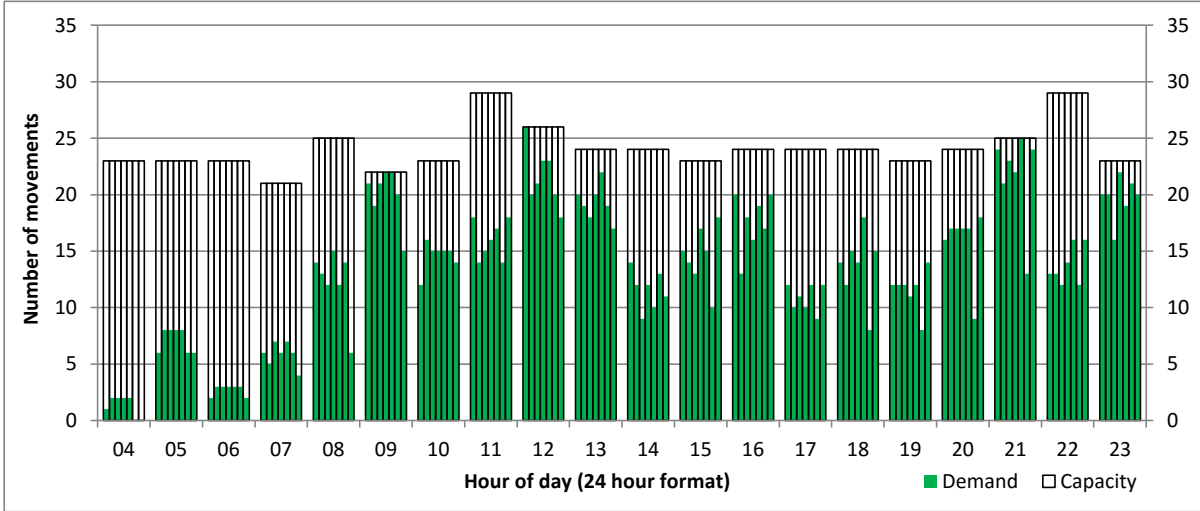
Peak Week - Hourly Runway Demand

Schedule: W16 Start



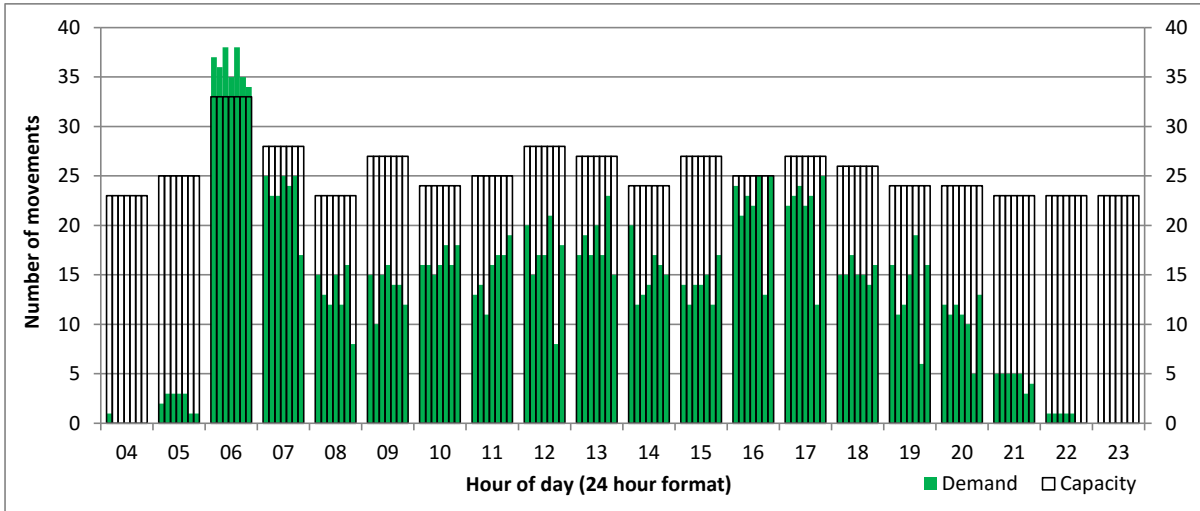
Hourly Arrival Demand

Time: UTC



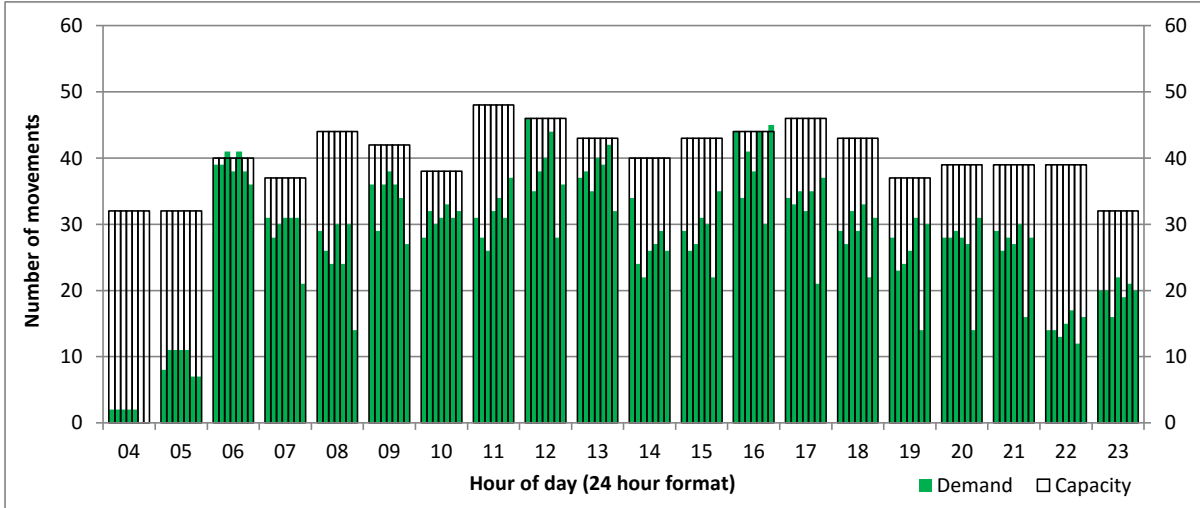
Hourly Departure Demand

Time: UTC



Combined Hourly Arrival & Departure (Total) Demand

Time: UTC



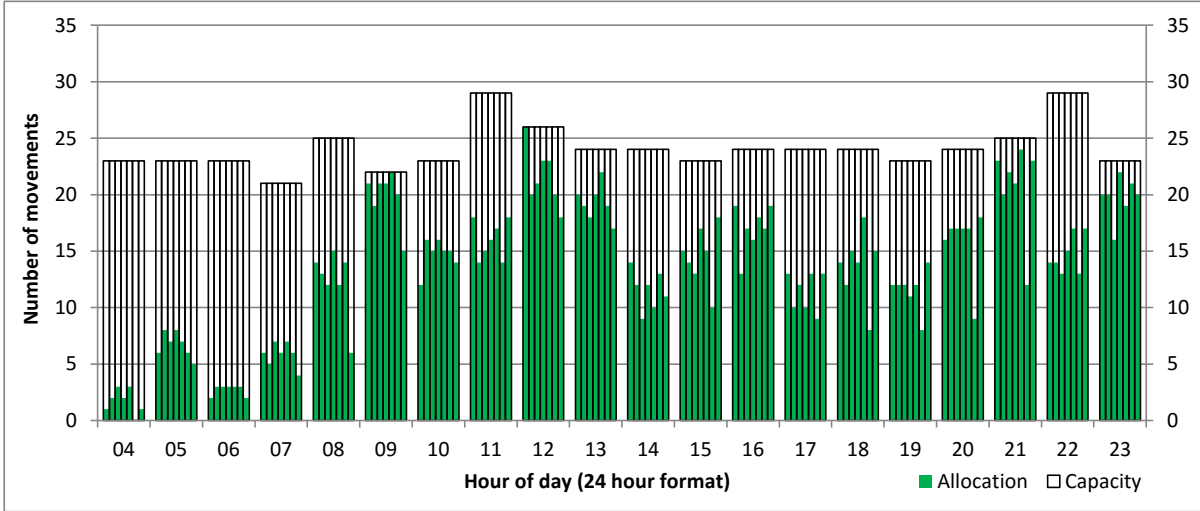
Peak Week - Hourly Runway Allocation

Schedule: W16 Start



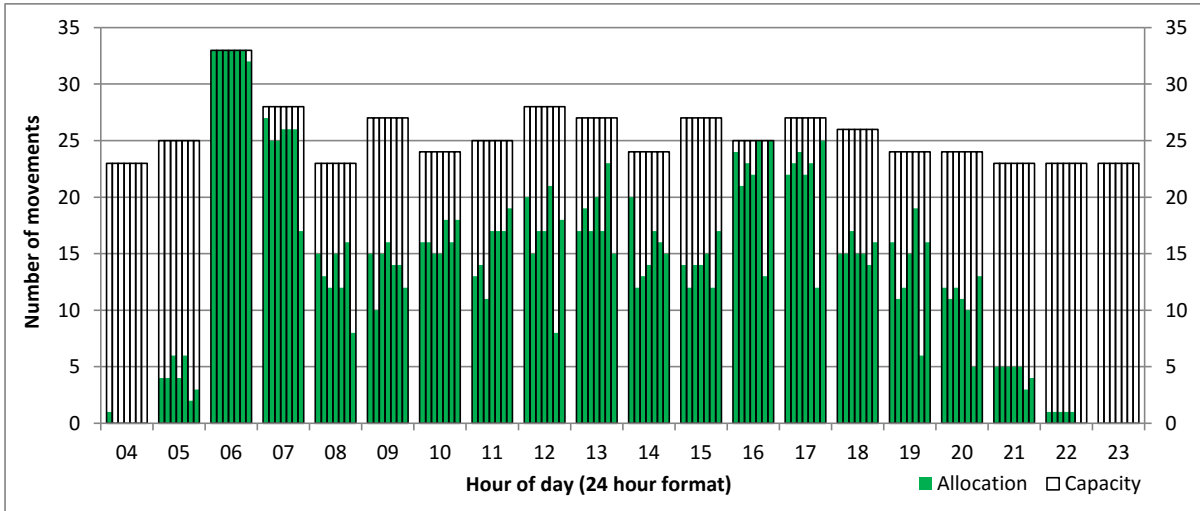
Hourly Arrival Allocation

Time: UTC



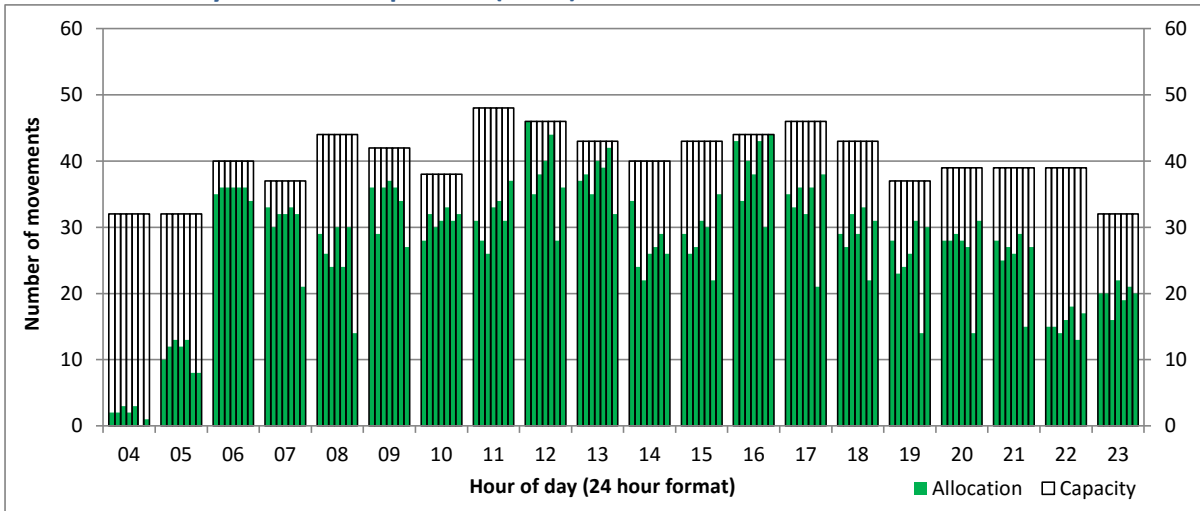
Hourly Departure Allocation

Time: UTC



Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



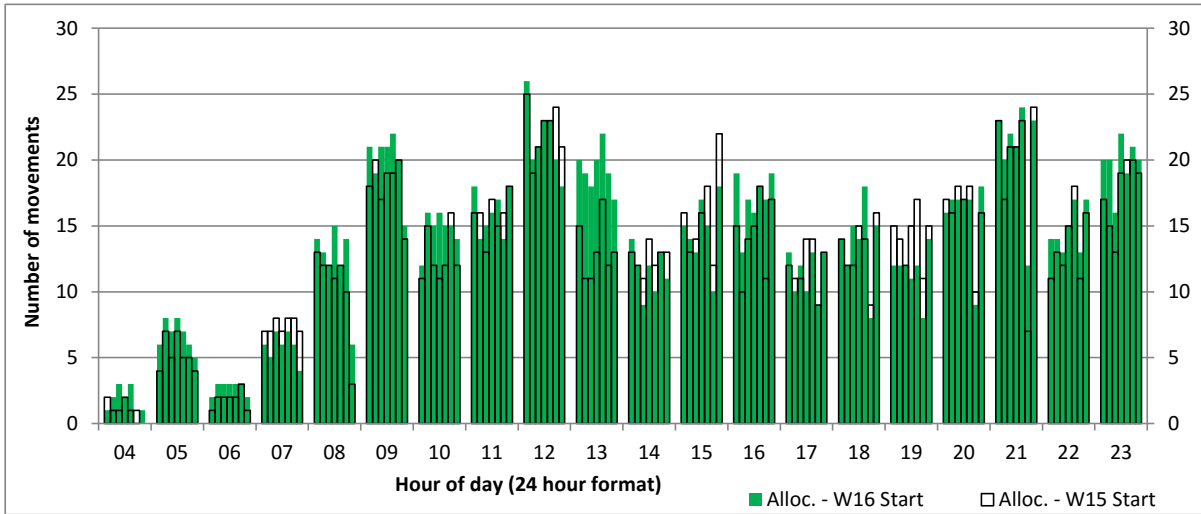
Peak Week - Runway Allocation Comparison

Comparison of W16 Start vs. W15 Start



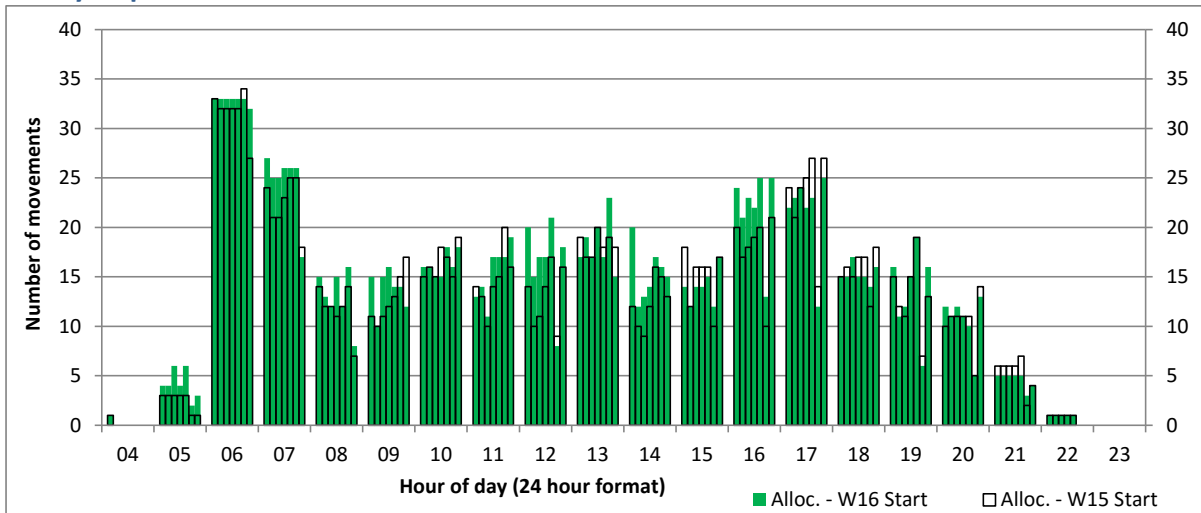
Hourly Arrival Allocation

Time: UTC



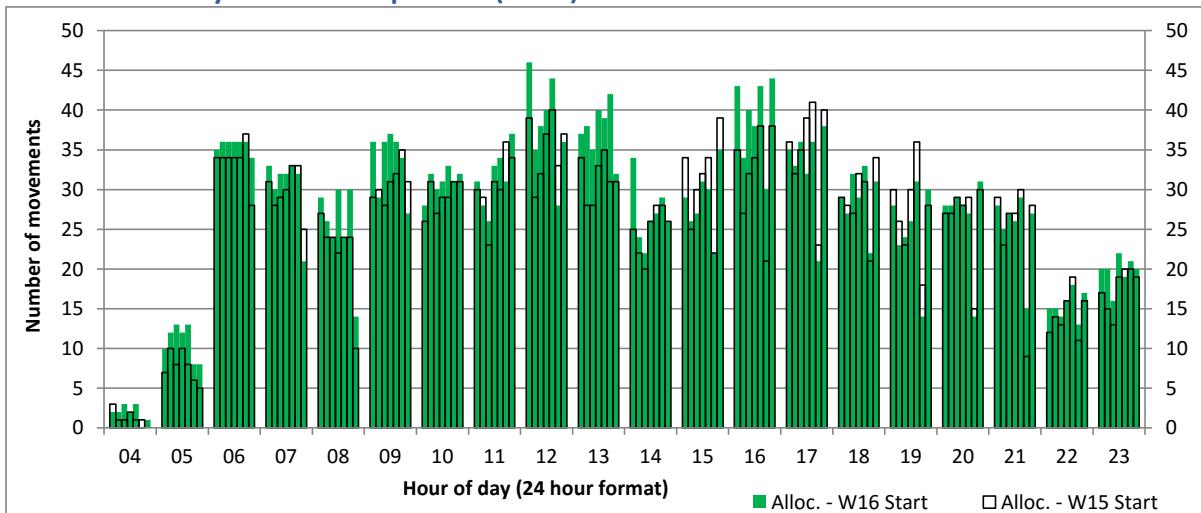
Hourly Departure Allocation

Time: UTC



Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



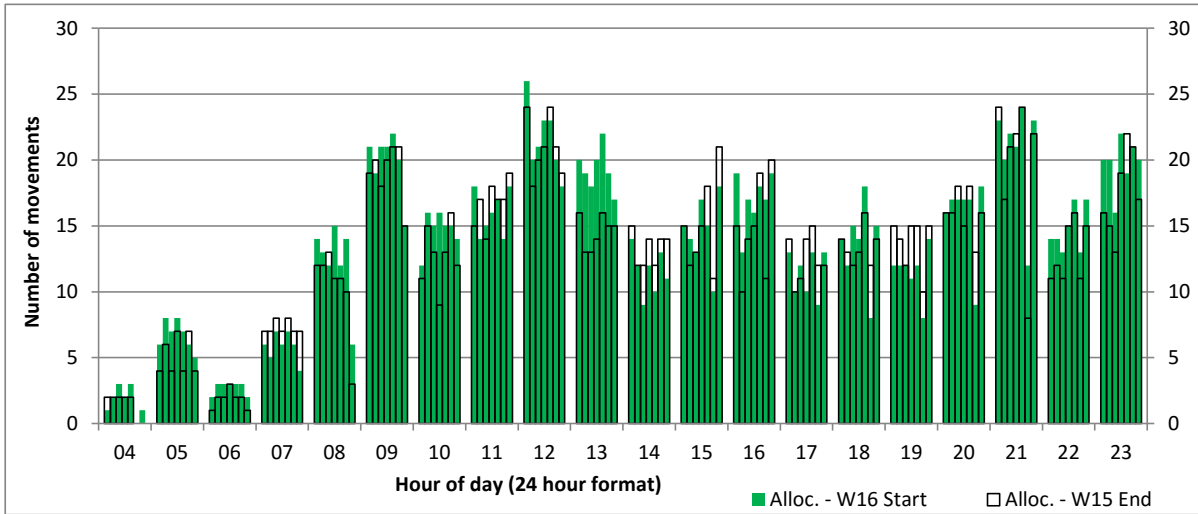
Peak Week - Runway Allocation Comparison

Comparison of W16 Start vs. W15 End



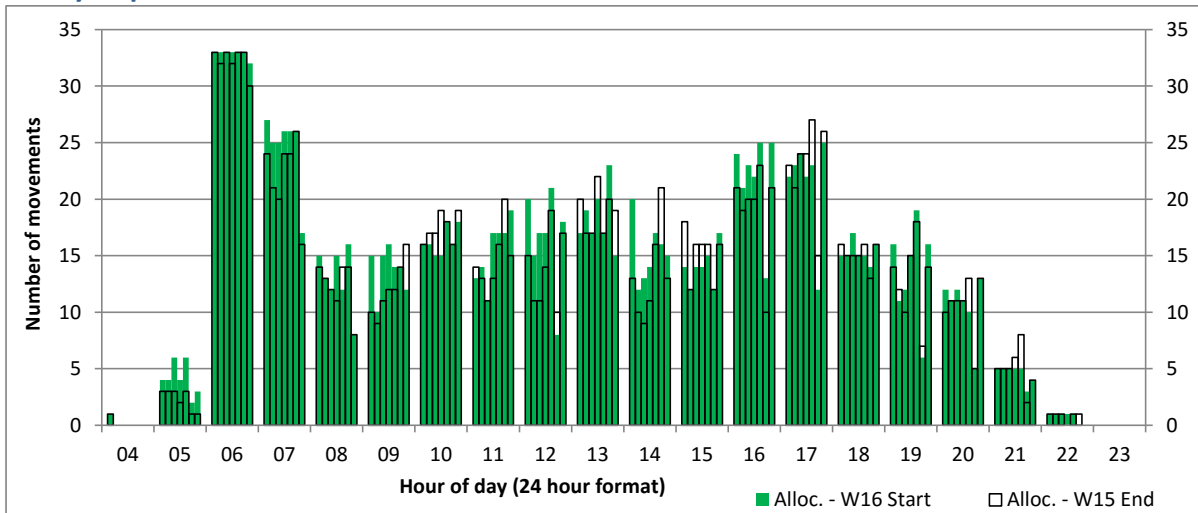
Hourly Arrival Allocation

Time: UTC



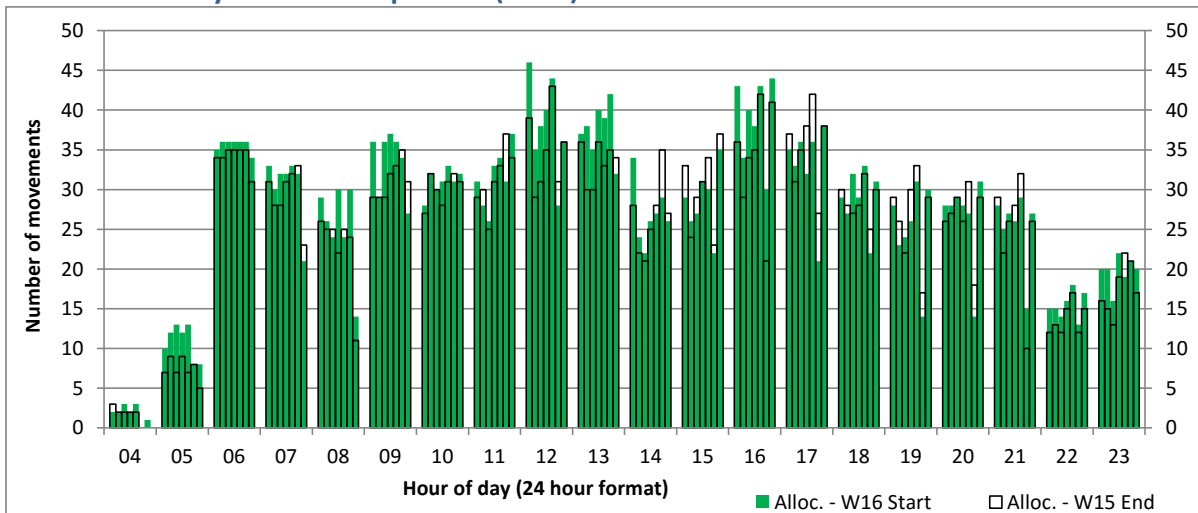
Hourly Departure Allocation

Time: UTC



Combined Hourly Arrival & Departure (Total) Allocation

Time: UTC



Peak Week - Passengers Histogram

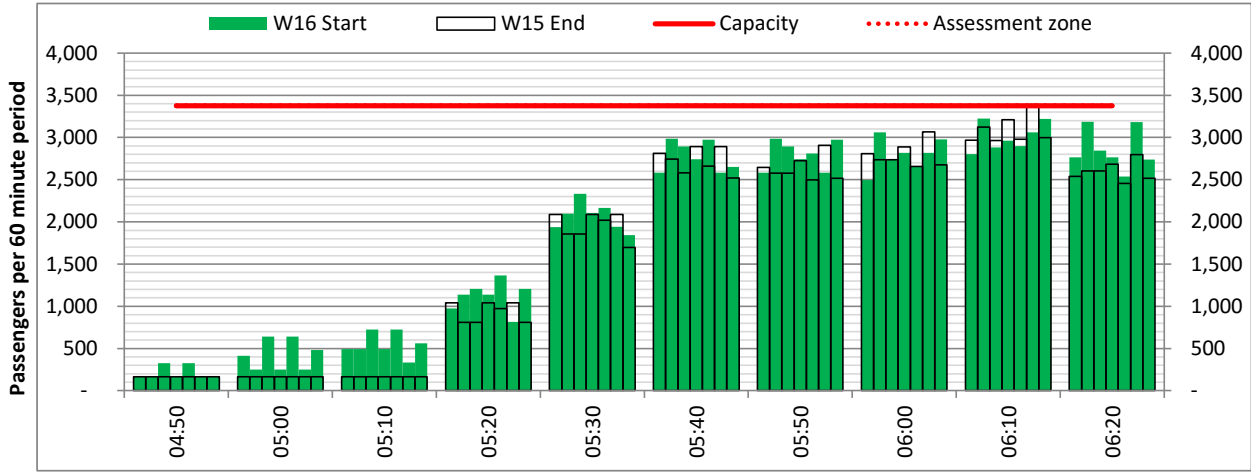
DEPARTURE - 60 minute count rolling every 10 mins (T60/10)



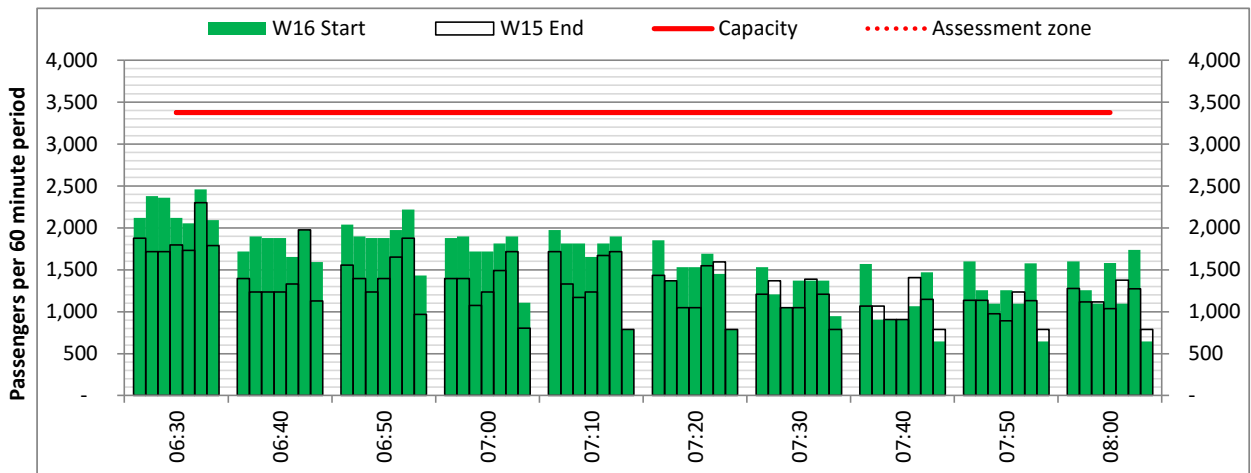
Terminals: 1

Operators: All Operators

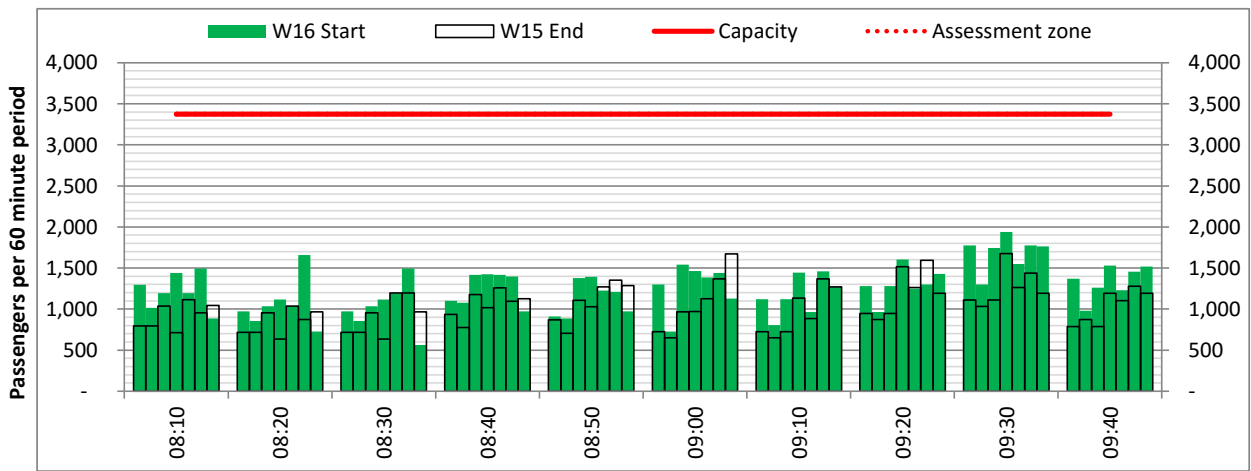
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

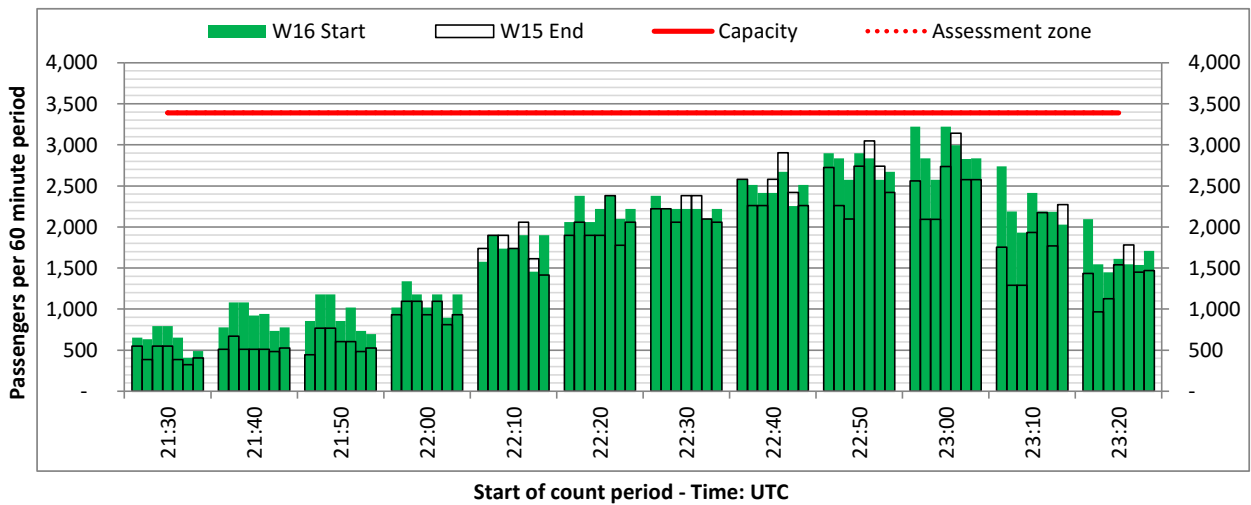
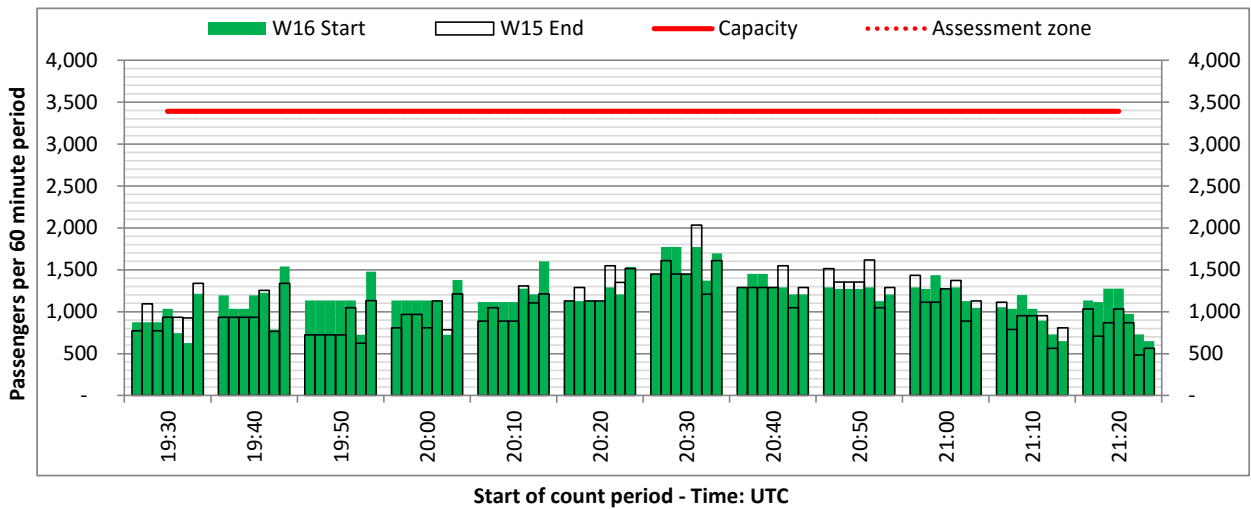
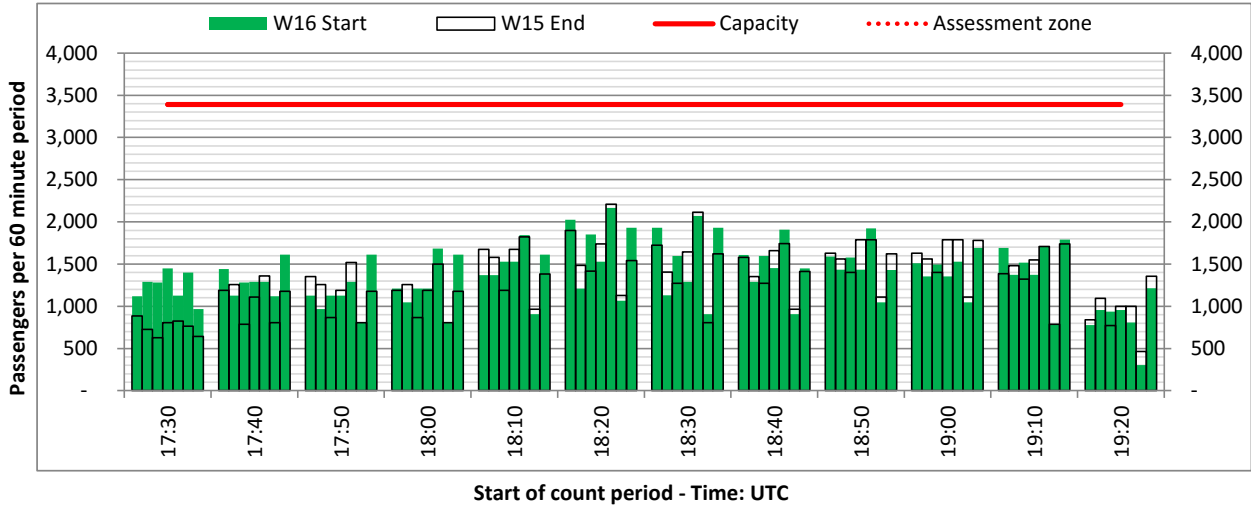
ARRIVAL - 60 minute count rolling every 10 mins (T60/10)



Terminals: 1

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

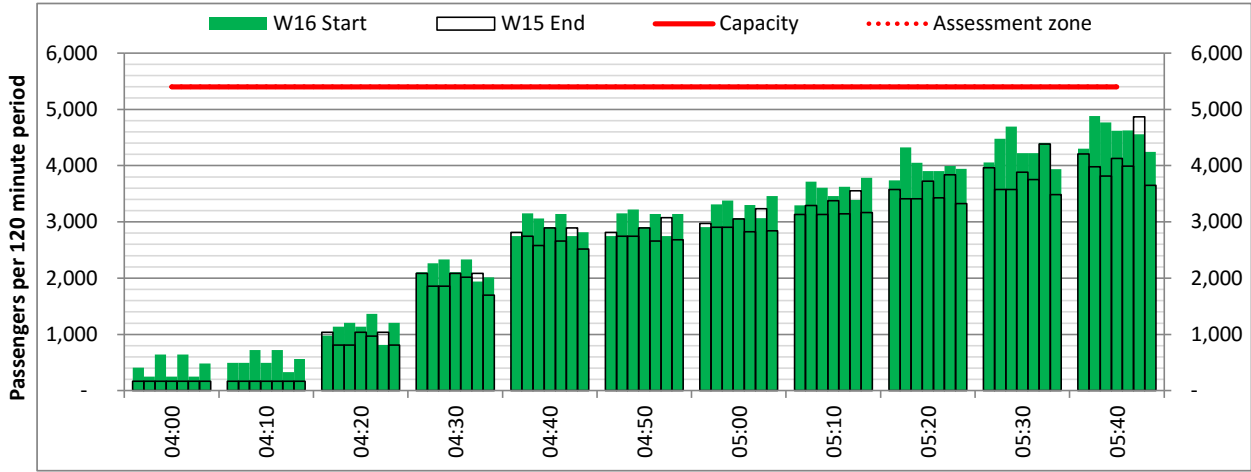
DEPARTURE - 120 minute count rolling every 10 mins (T120/10)



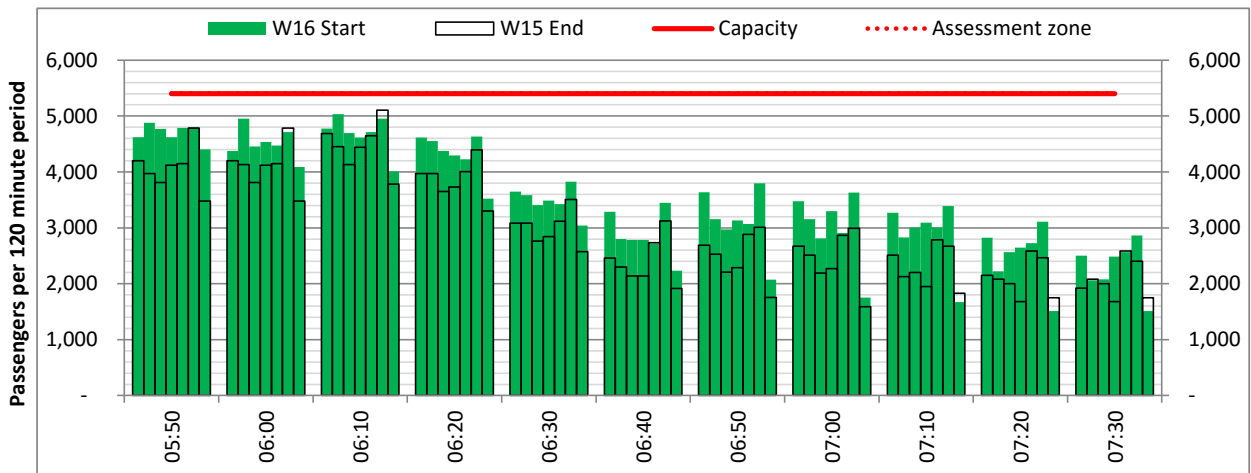
Terminals: 1

Operators: All Operators

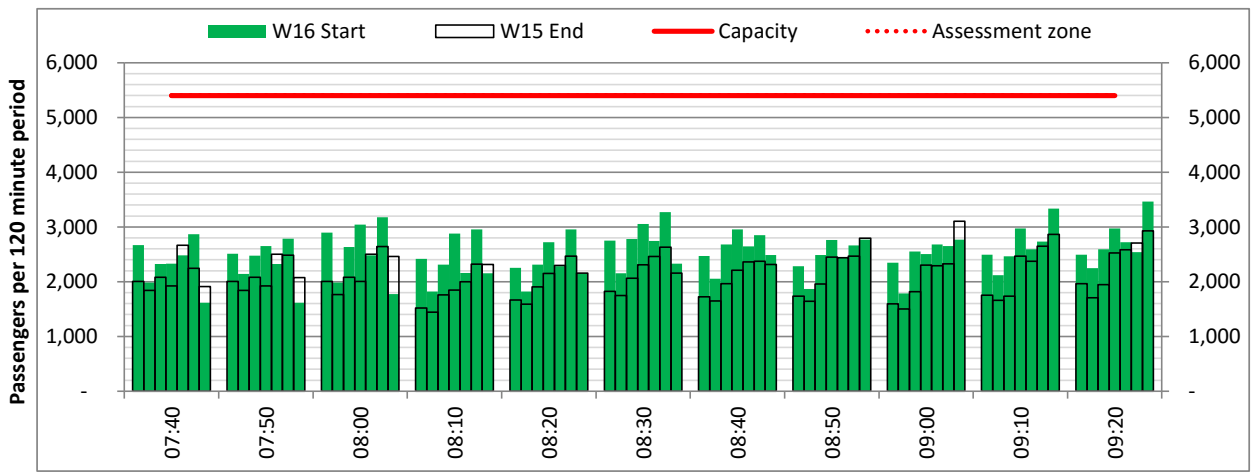
Days: 1234567



Start of count period - Time: UTC



Start of count period - Time: UTC



Start of count period - Time: UTC

Peak Week - Passengers Histogram

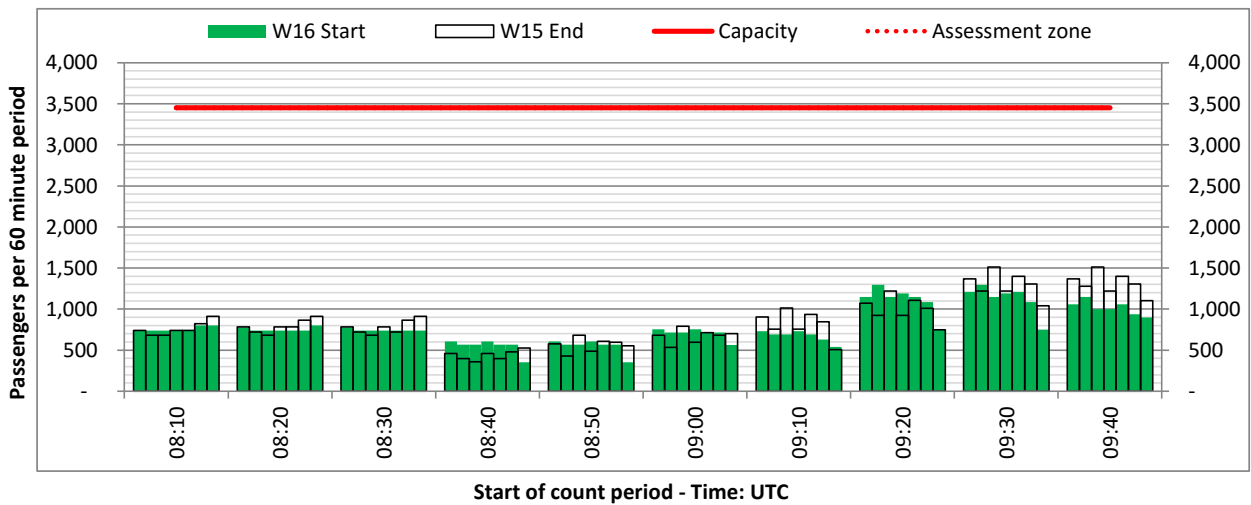
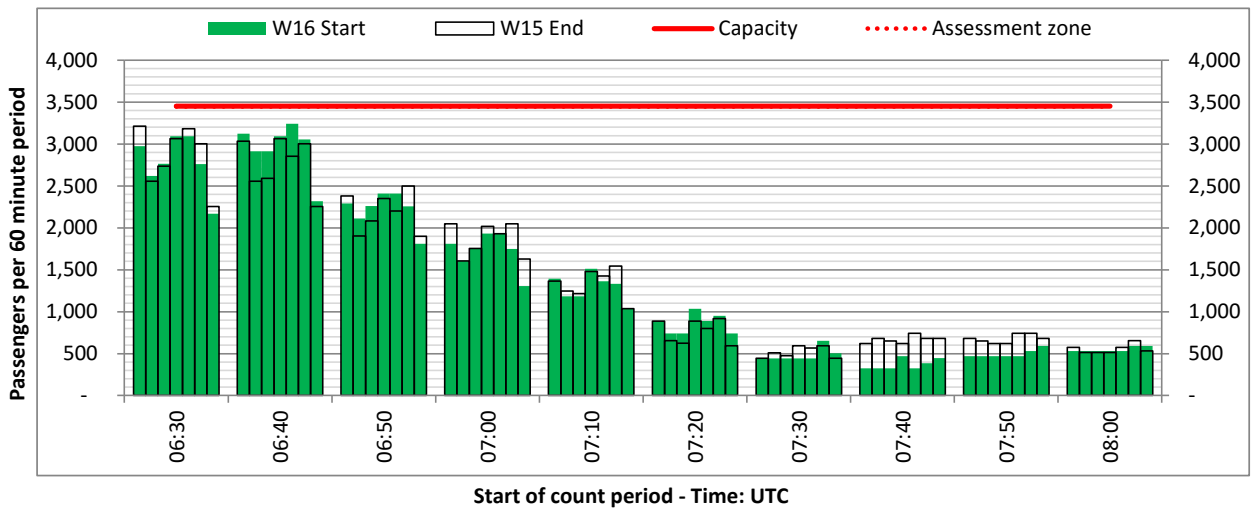
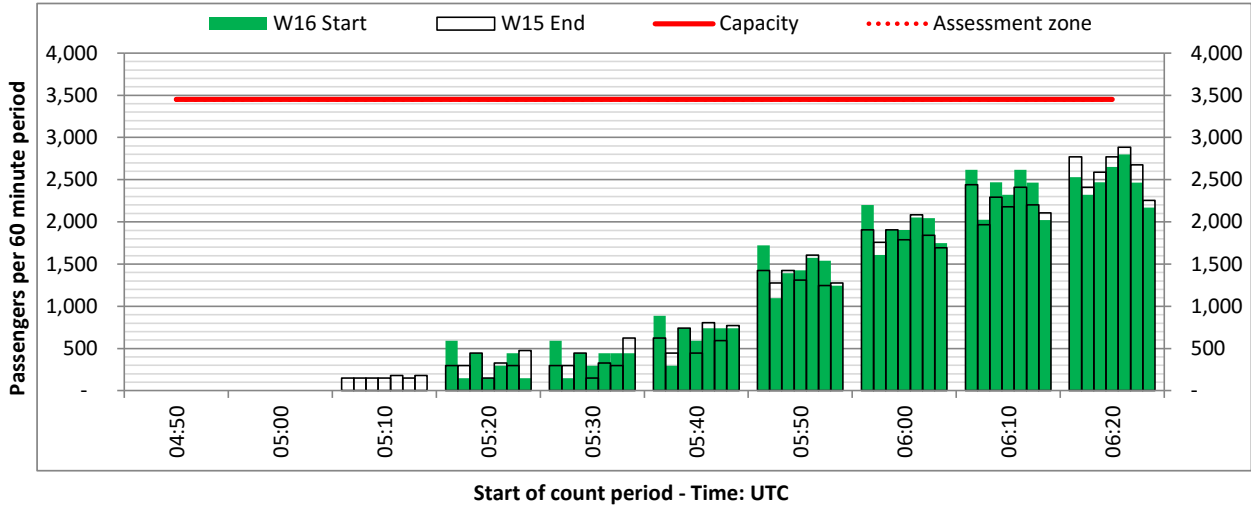
DEPARTURE - 60 minute count rolling every 10 mins (T60/10)



Terminals: 2

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

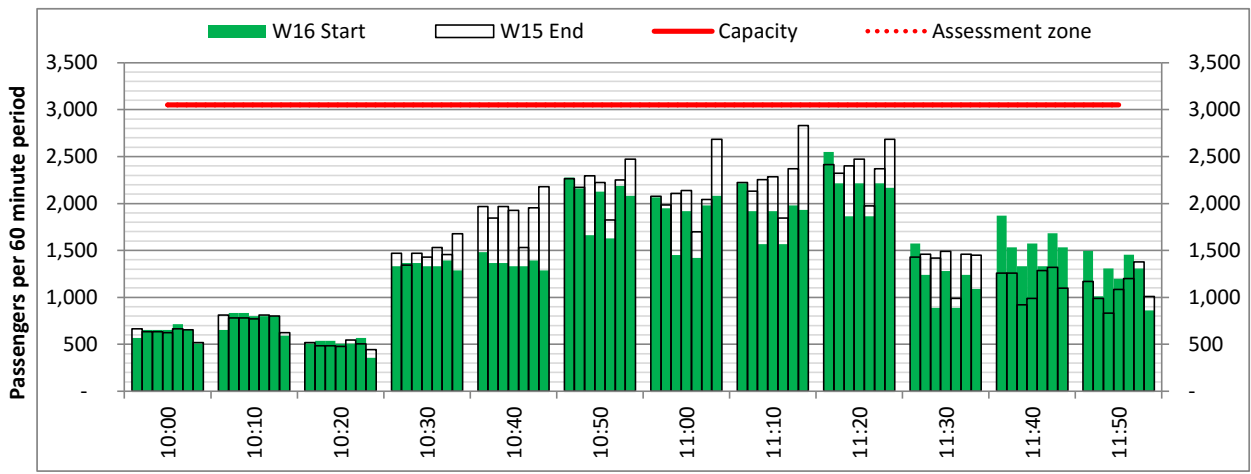
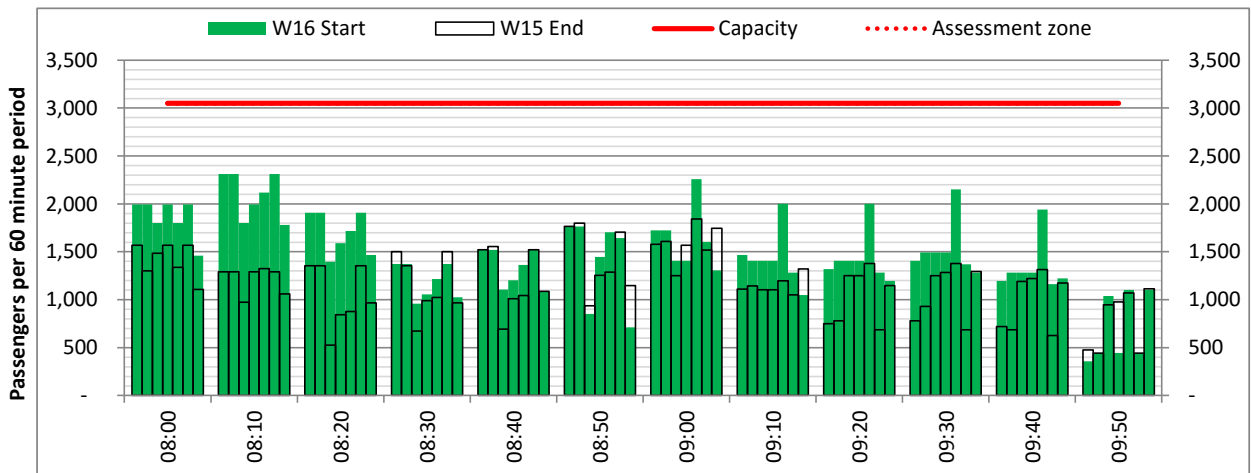
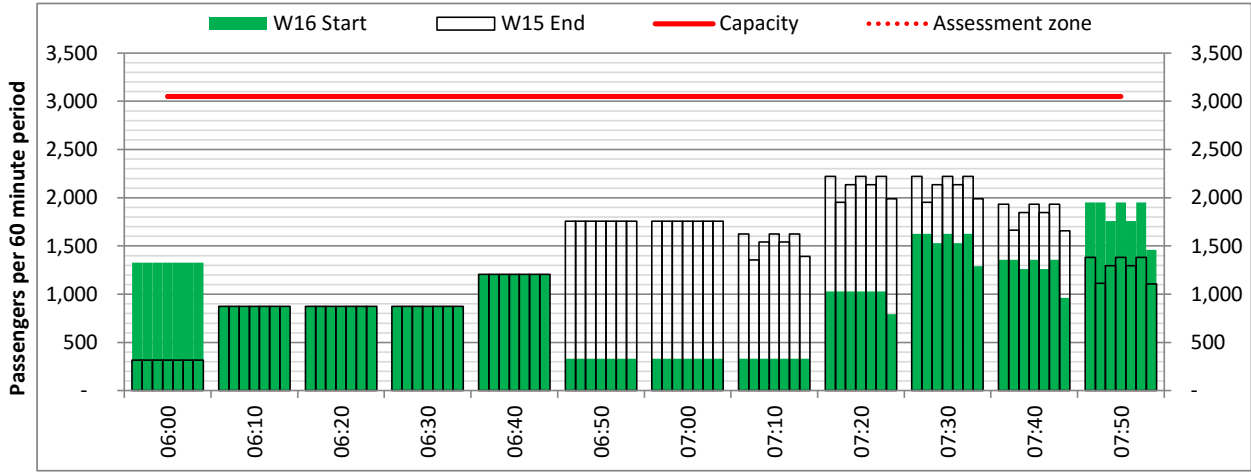
ARRIVAL - 60 minute count rolling every 10 mins (T60/10)



Terminals: 2

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

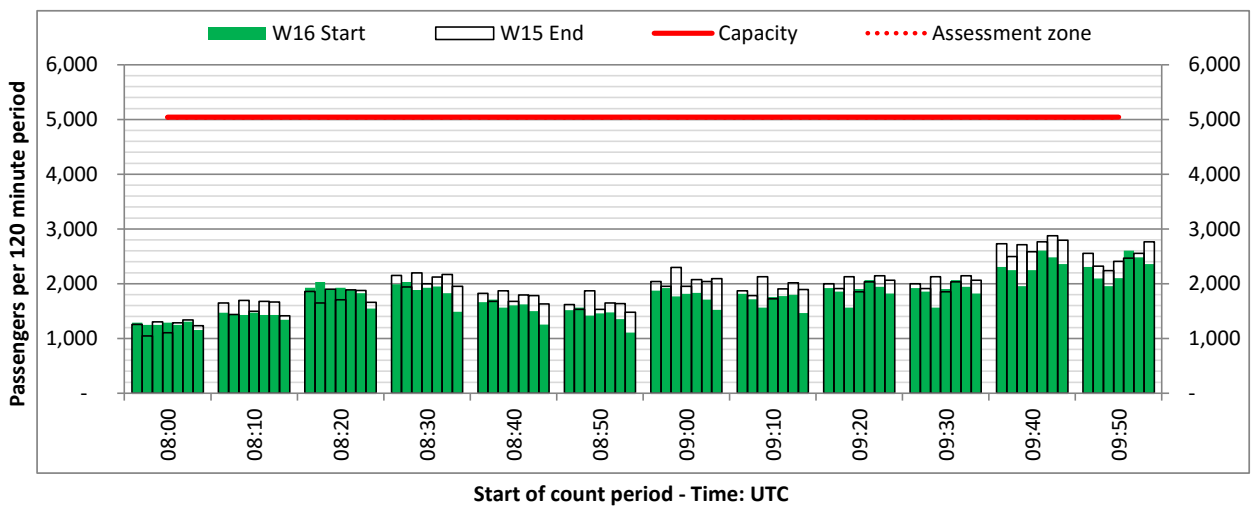
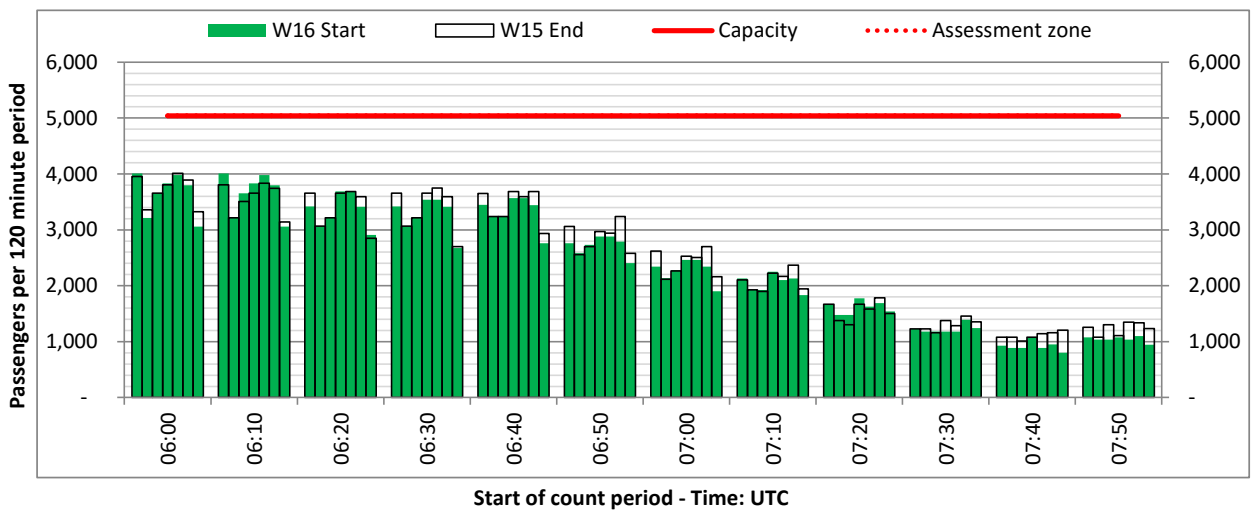
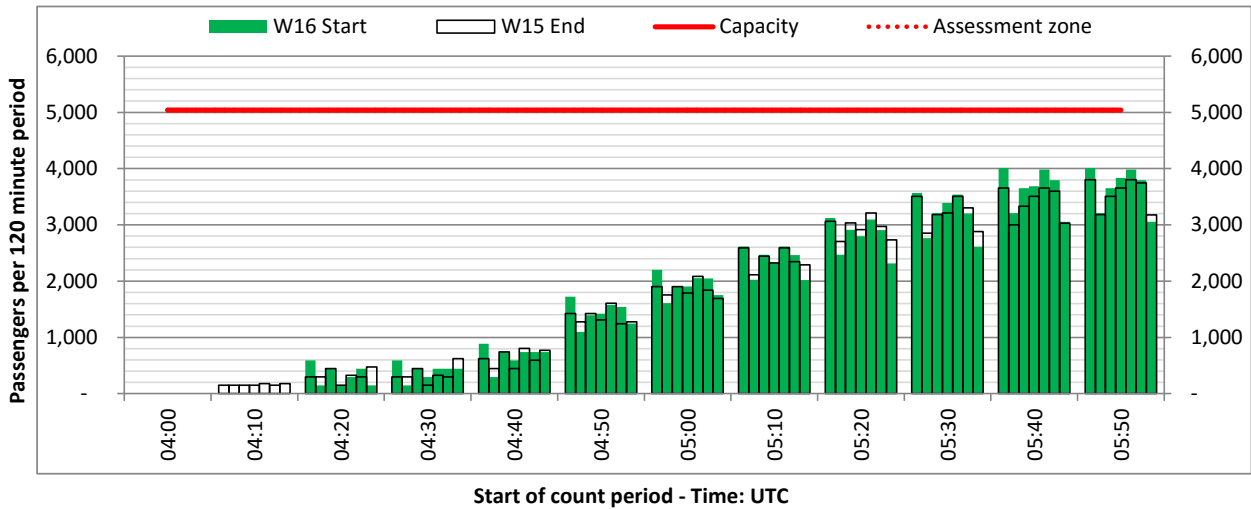
DEPARTURE - 120 minute count rolling every 10 mins (T120/10)



Terminals: 2

Operators: All Operators

Days: 1234567



Peak Week - Passengers Histogram

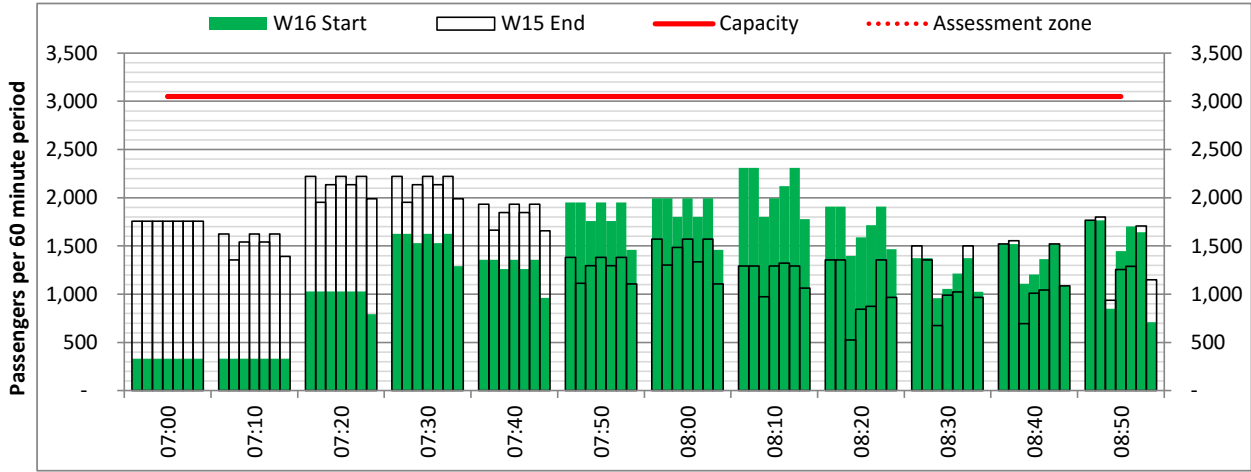
ARRIVAL - 60 minute count rolling every 10 mins (T60/10)



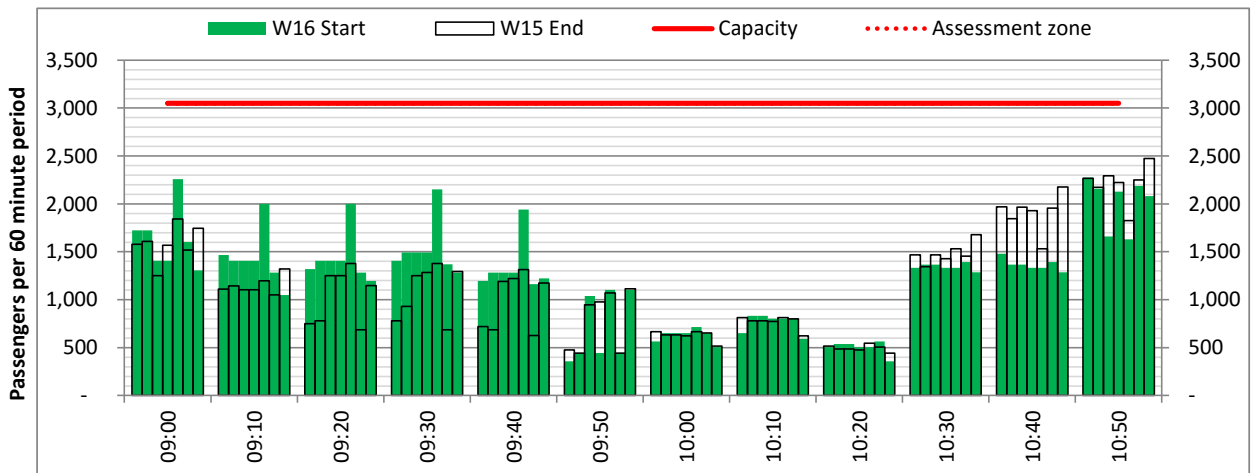
Terminals: 2

Operators: All Operators

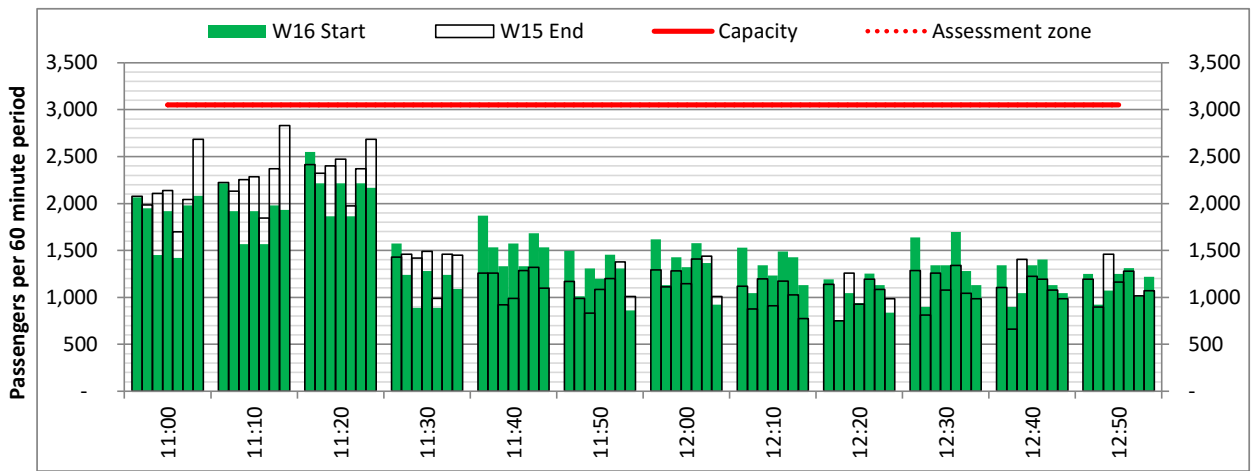
Days: 1234567



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

W15 Start	W15 schedule as cleared on Wed 07-Oct-15.
W15 End	W15 schedule as cleared on Sun 27-Mar-16.
W16 Start	W16 schedule as cleared on Tue 04-Oct-16.
Peak Week	Peak week for W15 is Mon 14-Mar-16 to Sun 20-Mar-16. Peak week for W16 is Mon 31-Oct-16 to Sun 06-Nov-16.

For ACL use

	Airport-Season-Branch-Resource	From date	To date	Time
Full Season Rep 1	DUB-W15-SOS Report-Standard	Sun 25-Oct-2015	Sat 26-Mar-2016	UTC
Full Season Rep 2	DUB-W15-END-Standard	Sun 25-Oct-2015	Sat 26-Mar-2016	UTC
Full Season Rep 3	DUB-W16-SOS Report-Standard	Sun 30-Oct-2016	Sat 25-Mar-2017	UTC
	Airport-Season-Branch-Resource	From date	To date	Time
Peak Week Rep 1	DUB-W15-SOS Report-Standard	Mon 14-Mar-2016	Sun 20-Mar-2016	UTC
Peak Week Rep 2	DUB-W15-END-Standard	Mon 14-Mar-2016	Sun 20-Mar-2016	UTC
Peak Week Rep 3	DUB-W16-SOS Report-Standard	Mon 31-Oct-2016	Sun 06-Nov-2016	UTC