<Haneda capacities for S27>

* All times are in Japan Standard Time (JST).

Opening Hours : 24hours (0000-2355)

Runway capacities

Daily Total movements

Time Zone	International scheduled	Domestic scheduled
0600-2255	max 266 movements	max 930 movements
2200-0655	max 90 movements	-
Per day	max 346 movements	max 930 movements

note 1: 8 departures and 8 arrivals per day are blocked as fire breaks (0600-2255)

note 2: 15 departures and 15 arrivals per day are reserved for governmental aviations (0600-2255)

Per 60 minutes

Time Zone	Arrivals	Departures	Total
0600-0655	max 10	max 43	max 53
0700-0755	max 30	max 51	max 81
0800-1055	* see sliding scale chart 1	* see sliding scale chart 1	* see sliding scale chart 1
1200-1455	* see sliding scale chart 2	* see sliding scale chart 2	* see sliding scale chart 2
1600-1755	* see sliding scale chart 3	* see sliding scale chart 3	* see sliding scale chart 3
1900-2155	* see sliding scale chart 2	* see sliding scale chart 2	* see sliding scale chart 2
2200-2255	max 43	max 10	max 53
0000-0555	* see sliding scale chart 4	* see sliding scale chart 4	* see sliding scale chart 4

*** Sliding scale chart 1 - applied for 0800-1055 per 60 minutes**

Arrivals	Departures	Total
37	51	88
38	50	88
39	48	87
40	46	86
41	44	85
42	40	82
43	38	81
44	36	80

*** Sliding scale chart 2 - applied for 1200-1455 and 1900-2155 per 60 minutes**

Arrivals	Departures	Total
40	43	83
41	42	83
42	40	82
43	38	81
44	36	80

*** Sliding scale chart 3 - applied for 1600-1755 per 60 minutes**

Arrivals	Departures	Total
42	48	90
44	46	90

*** Sliding scale chart 4 - applied for 0000-0555 per 60 minutes**

Arrivals	Departures	Total
0	20	20
1	18	19
2	16	18
3	15	18
4	12	16
5	10	15
6	10	16
7	9	16
8	9	17
9	9	18
10	5	15
11	4	15
12	3	15
13	1	14
14	0	14

Per 30 minutes

Time Zone	Arrivals	Departures	Total
1100-1125	* see sliding scale chart 5	* see sliding scale chart 5	* see sliding scale chart 5
1130-1155	* see sliding scale chart 6	* see sliding scale chart 6	* see sliding scale chart 6
1500-1525	* see sliding scale chart 6	* see sliding scale chart 6	* see sliding scale chart 6
1530-1555	max 22	max 23	max 45
1800-1825	max 22	max 23	max 45
1830-1855	* see sliding scale chart 6	* see sliding scale chart 6	* see sliding scale chart 6
2300-2325	max 8	0	max 8
2330-2355	* see sliding scale chart 7	* see sliding scale chart 7	* see sliding scale chart 7
0000-0555	max 7	max 10	max 10

*** Sliding scale chart 5 - applied for 1100-1125 per 30 minutes**

Arrivals	Departures	Total
19	25	44
20	23	43
21	20	41
22	18	40

*** Sliding scale chart 6 - applied for 1130-1155, 1500-1525 and 1830-1855 per 30 minutes**

Arrivals	Departures	Total
20	21	41
21	20	41
22	18	40

*** Sliding scale chart 7 - applied for 2330-2355 per 30 minutes**

Arrivals	Departures	Total
1	7	8
2	5	7
3	4	7
4	4	8
5	1	6

Per 30 minutes (rolling factor 15minutes)

Time Zone	Arrivals	Departures
0700-1125	max 25	max 25
1530-1825	max 25	max 25

note: For 0700-1055, the number of departures can be 26 per 30 minutes only if there are 51 departures in 1 hour.

Per 15 minutes

Time Zone	Arrivals	Departures	Total
0600-0655	max 10	max 11	max 21
0700-1125	max 13	max 13	max 25
1130-1525	max 11	max 11	max 21
1530-1825	max 13	max 13	max 25
1830-2155	max 11	max 11	max 21
2200-2255	max 11	max 10	max 21

Per 10 minutes (rolling factor 5minutes)

Time Zone	Arrivals	Departures
0600-0655	max 10	max 11
0700-2155	max 11	max 11
2200-2255	max 11	max 10

Per 5 minutes

Time Zone	Arrivals	Departures
0600-2255	max 6	max 6

Terminal flow capacities (International passenger services)

Per 60 minutes

	Arrivals	Departures
Terminal 2 and Terminal 3	max 21	max 17

Constraints of aircraft types and other operational requirements

- B747-100, 200, 300, SP operations are not permitted.
- A380 operations are not permitted during 0600-2300. Arrival time should be after 2315 and Departure time should be no later than 0545.
- Operational capability required in principle for takeoff using runway D with a length of 2,500 m
- Use of runway with a length of 3,360m are limited to departure flights bound for Europe and North America during 0600-2300 only
- RNAV1 and RNAV5 permits should be obtained

Aircraft parking stand restrictions

CATEGORY	AIRCRAFT/ ICAO Code	Applied to S27
PASSENGER (Terminal 3)	Code F/E Code D/C TOTAL	17*1,*2 5 22
PASSENGER (Terminal 2)	Code E Code D TOTAL	8*3 0 8
CARGO (tether anchor installed)	Code F/E Code D TOTAL	5*1,*4 0 5
TOTAL	Code F/E Code D/C TOTAL	30 5 35

*1 Two CARGO parkig stands are also used as PASSENGER parking stands.
*2 One spot for ICAO Code F.
*3 One spot is shared with domestic flights.
*4 Three spots for B748. Not fit for aircraft larger than B748.

Long term parking stand (un-loding) information

CATEGORY	AIRCRAFT/ ICAO Code	Applied to S27
PASSENGER AND CARGO	Code E Code D/C TOTAL	13*5 0 13

*5 Up to 8 spots for B744, B773 and A346.

Standard stand occupancy time

	ICAO Code		Standard time	
			After arrival	Before
Passenger	Code F	A380	90 minutes	120 minutes
		B748	60 minutes	90 minutes
	Code E	B747 B777 A330 A340 A350	60 minutes	90 minutes
		B787 MD11	50 minutes	60 minutes
	Code D	B767 A300 DC10 B757	50 minutes	60 minutes
	Code C	B737 A310 A320 MD90 E170 CRJ	50 minutes	60 minutes
Cargo	Code F/E	B747 B777 A330 MD11	90 minutes	90 minutes
	Code D	B767 A300	70 minutes	70 minutes

note: Operation for aircraft parking stands
- Separation between stand occupancy is 20 minutes.
- "LONG TERM PARKING" is applied to the aircraft exceeding the sum of the occupancy time of "After arrival" and occupancy time of "Before departure" as shown above.

Constraints per route (0600-2255, Departure flights only)

For departure flights, the capacity of each route is decided depending on the combination of arrivals and departures and wind direction.

Grouping per route (international)

North	Europe(Dep/Arr), North America(Dep/Arr), & Northern part of Japan
West	Seoul(Dep/Arr), Beijing(Dep/Arr), & Western part of Japan
South	Other than North and West

note: Seoul(Dep/Arr), Beijing(Dep), and some Japanese airports in Group 'West' can be counted on either 'North' or 'South'.

Per 60 minutes

Time Zone	Departures
0600-0655	* see chart A
0700-0755	* see chart B
0800-1055	* see chart C
1200-1455	* see chart D
1600-1755	* see chart E
1900-2155	* see chart D
2200-2255	* see chart F

*** Chart A - applied for 0600-0655 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
10/43	26	17	20	23
	to		to	
	30	13	28	15

*** Chart B - applied for 0700-0755 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
30/51	28	23	27	24
	to		to	
	30	21	29	22

*** Chart C - applied for 0800-1055 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
37/51	28	23	27	24
	to		to	
	30	21	29	22
38/50	27	23	27	23
	to			
	29	21	28	22
39/48	27	21	26	22
	28	20	27	21
40/46	26	20	25	21
	27	19	26	20
41/44	26	18	25	19
	27	17	26	18
42/40	23	17	22	18
	to		to	
	25	15	24	16
43/38	21	17	21	17
	to			
	24	14	22	16
44/36	21	15	20	16
	to			
	23	13	21	15

*** Chart D - applied for 1200-1455 and 1900-2155 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
37/43	26	17	20	23
	to		to	
	30	13	28	15
38/43	26	17	21	22
	to		to	
	29	14	27	16
39/43	26	17	22	21
	to		to	
	28	15	27	16
40/43	26	17	23	20
			to	
	27	16	26	17
41/42	25	17	23	19
			to	
	26	16	25	17
42/40	23	17	22	18
	to		to	
	25	15	24	16
43/38	21	17	21	17
	to			
	24	14	22	16
44/36	21	15	20	16
	to			
	23	13	21	15

*** Chart E - applied for 1600-1755 per 60 minutes**

Combination of Arrivals/Departures	Departures				
	North wind Operation		South wind Operation		
	South and West	North and West	South and West	North and West	
				RWY-A	RWY-C **
42/48	25	23	20	23	5
44/46	23	23	19	22	5
	24	22	20	21	

**note: RWY-C can only be used by the flights departing for Europe or North America. From 1500 to 1855, the number of flights which use RWY-C cannt exceed 3 in every 30 minutes and it cannot exceed 5 in every 60 minutes.

*** Chart F - applied for 2200-2255 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
43/10	10	0	10	0
	to		to	
	0	10	0	10

■ Per 30 minutes

Time Zone	Departures
1100-1125	* see chart G
1130-1155	* see chart H
1500-1525	* see chart H
1530-1555	* see chart I
1800-1825	* see chart I
1830-1855	* see chart H

*** Chart G - applied for 1100-1125 per 30 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
19/25	14	11	14	11
	15	10		
20/23	13	10	12	11
	14	9	13	10
21/20	12	8	11	9
			12	8
22/18	11	7	10	8

*** Chart H - applied for 1130-1155, 1500-1525 and 1830-1855 per 30 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
20/21	13	8	11	10
			to	
			13	8
21/20	12	8	11	9
			12	8
22/18	11	7	10	8

*** Chart I - applied for 1530-1555 and 1800-1825 per 30 minutes**

Combination of Arrivals/Departures	Departures				
	North wind Operation		South wind Operation		
	South and West	North and West	South and West	North and West	
				RWY-A	RWY-C **
22/23	12	11	10	10	3
			10	11	2

**note: RWY-C can only be used by the flights departing for Europe or North America.

<Haneda capacities for W26>

* All times are in Japan Standard Time (JST).

Opening Hours : 24hours (0000-2355)

Runway capacities

Daily Total movements

Time Zone	International scheduled	Domestic scheduled
0600-2255	max 266 movements	max 930 movements
2200-0655	max 90 movements	-
Per day	max 346 movements	max 930 movements

note 1: 8 departures and 8 arrivals per day are blocked as fire breaks (0600-2255)

note 2: 15 departures and 15 arrivals per day are reserved for governmental aviations (0600-2255)

Per 60 minutes

Time Zone	Arrivals	Departures	Total
0600-0655	max 10	max 43	max 53
0700-0755	max 30	max 51	max 81
0800-1055	* see sliding scale chart 1	* see sliding scale chart 1	* see sliding scale chart 1
1200-1455	* see sliding scale chart 2	* see sliding scale chart 2	* see sliding scale chart 2
1600-1755	* see sliding scale chart 3	* see sliding scale chart 3	* see sliding scale chart 3
1900-2155	* see sliding scale chart 2	* see sliding scale chart 2	* see sliding scale chart 2
2200-2255	max 43	max 10	max 53
0000-0555	* see sliding scale chart 4	* see sliding scale chart 4	* see sliding scale chart 4

*** Sliding scale chart 1 - applied for 0800-1055 per 60 minutes**

Arrivals	Departures	Total
37	51	88
38	50	88
39	48	87
40	46	86
41	44	85
42	40	82
43	38	81
44	36	80

*** Sliding scale chart 2 - applied for 1200-1455 and 1900-2155 per 60 minutes**

Arrivals	Departures	Total
40	43	83
41	42	83
42	40	82
43	38	81
44	36	80

*** Sliding scale chart 3 - applied for 1600-1755 per 60 minutes**

Arrivals	Departures	Total
42	48	90
44	46	90

*** Sliding scale chart 4 - applied for 0000-0555 per 60 minutes**

Arrivals	Departures	Total
0	20	20
1	18	19
2	16	18
3	15	18
4	12	16
5	10	15
6	10	16
7	9	16
8	9	17
9	9	18
10	5	15
11	4	15
12	3	15
13	1	14
14	0	14

Per 30 minutes

Time Zone	Arrivals	Departures	Total
1100-1125	* see sliding scale chart 5	* see sliding scale chart 5	* see sliding scale chart 5
1130-1155	* see sliding scale chart 6	* see sliding scale chart 6	* see sliding scale chart 6
1500-1525	* see sliding scale chart 6	* see sliding scale chart 6	* see sliding scale chart 6
1530-1555	max 22	max 23	max 45
1800-1825	max 22	max 23	max 45
1830-1855	* see sliding scale chart 6	* see sliding scale chart 6	* see sliding scale chart 6
2300-2325	max 8	0	max 8
2330-2355	* see sliding scale chart 7	* see sliding scale chart 7	* see sliding scale chart 7
0000-0555	max 7	max 10	max 10

*** Sliding scale chart 5 - applied for 1100-1125 per 30 minutes**

Arrivals	Departures	Total
19	25	44
20	23	43
21	20	41
22	18	40

*** Sliding scale chart 6 - applied for 1130-1155, 1500-1525 and 1830-1855 per 30 minutes**

Arrivals	Departures	Total
20	21	41
21	20	41
22	18	40

*** Sliding scale chart 7 - applied for 2330-2355 per 30 minutes**

Arrivals	Departures	Total
1	7	8
2	5	7
3	4	7
4	4	8
5	1	6

Per 30 minutes (rolling factor 15minutes)

Time Zone	Arrivals	Departures
0700-1125	max 25	max 25
1530-1825	max 25	max 25

note: For 0700-1055, the number of departures can be 26 per 30 minutes only if there are 51 departures in 1 hour.

Per 15 minutes

Time Zone	Arrivals	Departures	Total
0600-0655	max 10	max 11	max 21
0700-1125	max 13	max 13	max 25
1130-1525	max 11	max 11	max 21
1530-1825	max 13	max 13	max 25
1830-2155	max 11	max 11	max 21
2200-2255	max 11	max 10	max 21

Per 10 minutes (rolling factor 5minutes)

Time Zone	Arrivals	Departures
0600-0655	max 10	max 11
0700-2155	max 11	max 11
2200-2255	max 11	max 10

Per 5 minutes

Time Zone	Arrivals	Departures
0600-2255	max 6	max 6

Terminal flow capacities (International passenger services)

Per 60 minutes

	Arrivals	Departures
Terminal 2 and Terminal 3	max 21	max 17

Constraints of aircraft types and other operational requirements

- B747-100, 200, 300, SP operations are not permitted.
- A380 operations are not permitted during 0600-2300. Arrival time should be after 2315 and Departure time should be no later than 0545.
- Operational capability required in principle for takeoff using runway D with a length of 2,500 m
- Use of runway with a length of 3,360m are limited to departure flights bound for Europe and North America during 0600-2300 only
- RNAV1 and RNAV5 permits should be obtained

Aircraft parking stand restrictions

CATEGORY	AIRCRAFT/ ICAO Code	Applied to W26
PASSENGER (Terminal 3)	Code F/E Code D/C TOTAL	17*1,*2 5 22
PASSENGER (Terminal 2)	Code E Code D TOTAL	8*3 0 8
CARGO (tether anchor installed)	Code F/E Code D TOTAL	5*1,*4 0 5
TOTAL	Code F/E Code D/C TOTAL	30 5 35

*1 Two CARGO parkig stands are also used as PASSENGER parking stands.
*2 One spot for ICAO Code F.
*3 One spot is shared with domestic flights.
*4 Three spots for B748. Not fit for aircraft larger than B748.

Long term parking stand (un-loding) information

CATEGORY	AIRCRAFT/ ICAO Code	Applied to W26
PASSENGER AND CARGO	Code E Code D/C TOTAL	13*5 0 13

*5 Up to 8 spots for B744, B773 and A346.

Standard stand occupancy time

	ICAO Code		Standard time	
			After arrival	Before
Passenger	Code F	A380	90 minutes	120 minutes
		B748	60 minutes	90 minutes
	Code E	B747 B777 A330 A340 A350	60 minutes	90 minutes
		B787 MD11	50 minutes	60 minutes
	Code D	B767 A300 DC10 B757	50 minutes	60 minutes
	Code C	B737 A310 A320 MD90 E170 CRJ	50 minutes	60 minutes
Cargo	Code F/E	B747 B777 A330 MD11	90 minutes	90 minutes
	Code D	B767 A300	70 minutes	70 minutes

note: Operation for aircraft parking stands
- Separation between stand occupancy is 20 minutes.
- "LONG TERM PARKING" is applied to the aircraft exceeding the sum of the occupancy time of "After arrival" and occupancy time of "Before departure" as shown above.

Constraints per route (0600-2255, Departure flights only)

For departure flights, the capacity of each route is decided depending on the combination of arrivals and departures and wind direction.

Grouping per route (international)

North	Europe(Dep/Arr), North America(Dep/Arr), & Northern part of Japan
West	Seoul(Dep/Arr), Beijing(Dep/Arr), & Western part of Japan
South	Other than North and West

note: Seoul(Dep/Arr), Beijing(Dep), and some Japanese airports in Group 'West' can be counted on either 'North' or 'South'.

Per 60 minutes

Time Zone	Departures
0600-0655	* see chart A
0700-0755	* see chart B
0800-1055	* see chart C
1200-1455	* see chart D
1600-1755	* see chart E
1900-2155	* see chart D
2200-2255	* see chart F

*** Chart A - applied for 0600-0655 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
10/43	26	17	20	23
	to		to	
	30	13	28	15

*** Chart B - applied for 0700-0755 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
30/51	28	23	27	24
	to		to	
	30	21	29	22

*** Chart C - applied for 0800-1055 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
37/51	28	23	27	24
	to		to	
	30	21	29	22
38/50	27	23	27	23
	to			
	29	21	28	22
39/48	27	21	26	22
	28	20	27	21
40/46	26	20	25	21
	27	19	26	20
41/44	26	18	25	19
	27	17	26	18
42/40	23	17	22	18
	to		to	
	25	15	24	16
43/38	21	17	21	17
	to			
	24	14	22	16
44/36	21	15	20	16
	to			
	23	13	21	15

*** Chart D - applied for 1200-1455 and 1900-2155 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
37/43	26	17	20	23
	to		to	
	30	13	28	15
38/43	26	17	21	22
	to		to	
	29	14	27	16
39/43	26	17	22	21
	to		to	
	28	15	27	16
40/43	26	17	23	20
			to	
	27	16	26	17
41/42	25	17	23	19
			to	
	26	16	25	17
42/40	23	17	22	18
	to		to	
	25	15	24	16
43/38	21	17	21	17
	to			
	24	14	22	16
44/36	21	15	20	16
	to			
	23	13	21	15

*** Chart E - applied for 1600-1755 per 60 minutes**

Combination of Arrivals/Departures	Departures				
	North wind Operation		South wind Operation		
	South and West	North and West	South and West	North and West	
				RWY-A	RWY-C **
42/48	25	23	20	23	5
44/46	23	23	19	22	5
	24	22	20	21	

**note: RWY-C can only be used by the flights departing for Europe or North America. From 1500 to 1855, the number of flights which use RWY-C cannt exceed 3 in every 30 minutes and it cannot exceed 5 in every 60 minutes.

*** Chart F - applied for 2200-2255 per 60 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
43/10	10	0	10	0
	to		to	
	0	10	0	10

■ Per 30 minutes

Time Zone	Departures
1100-1125	* see chart G
1130-1155	* see chart H
1500-1525	* see chart H
1530-1555	* see chart I
1800-1825	* see chart I
1830-1855	* see chart H

*** Chart G - applied for 1100-1125 per 30 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
19/25	14	11	14	11
	15	10		
20/23	13	10	12	11
	14	9	13	10
21/20	12	8	11	9
			12	8
22/18	11	7	10	8

*** Chart H - applied for 1130-1155, 1500-1525 and 1830-1855 per 30 minutes**

Combination of Arrivals/Departures	Departures			
	North wind Operation		South wind Operation	
	South and West	North and West	South and West	North and West
20/21	13	8	11	10
			to	
			13	8
21/20	12	8	11	9
			12	8
22/18	11	7	10	8

*** Chart I - applied for 1530-1555 and 1800-1825 per 30 minutes**

Combination of Arrivals/Departures	Departures				
	North wind Operation		South wind Operation		
	South and West	North and West	South and West	North and West	
				RWY-A	RWY-C **
22/23	12	11	10	10	3
			10	11	2

**note: RWY-C can only be used by the flights departing for Europe or North America.