



# Overview and Future Outlook of Tokyo's Metropolitan Airports



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# Opening Remarks

- 
- ✓ **TOKYO Metropolitan Area**
  - ✓ **Key Factors in Airport Evaluation**
  - ✓ **Narita Airport**
  - ✓ **Haneda Airport**

# TOKYO Metropolitan Area

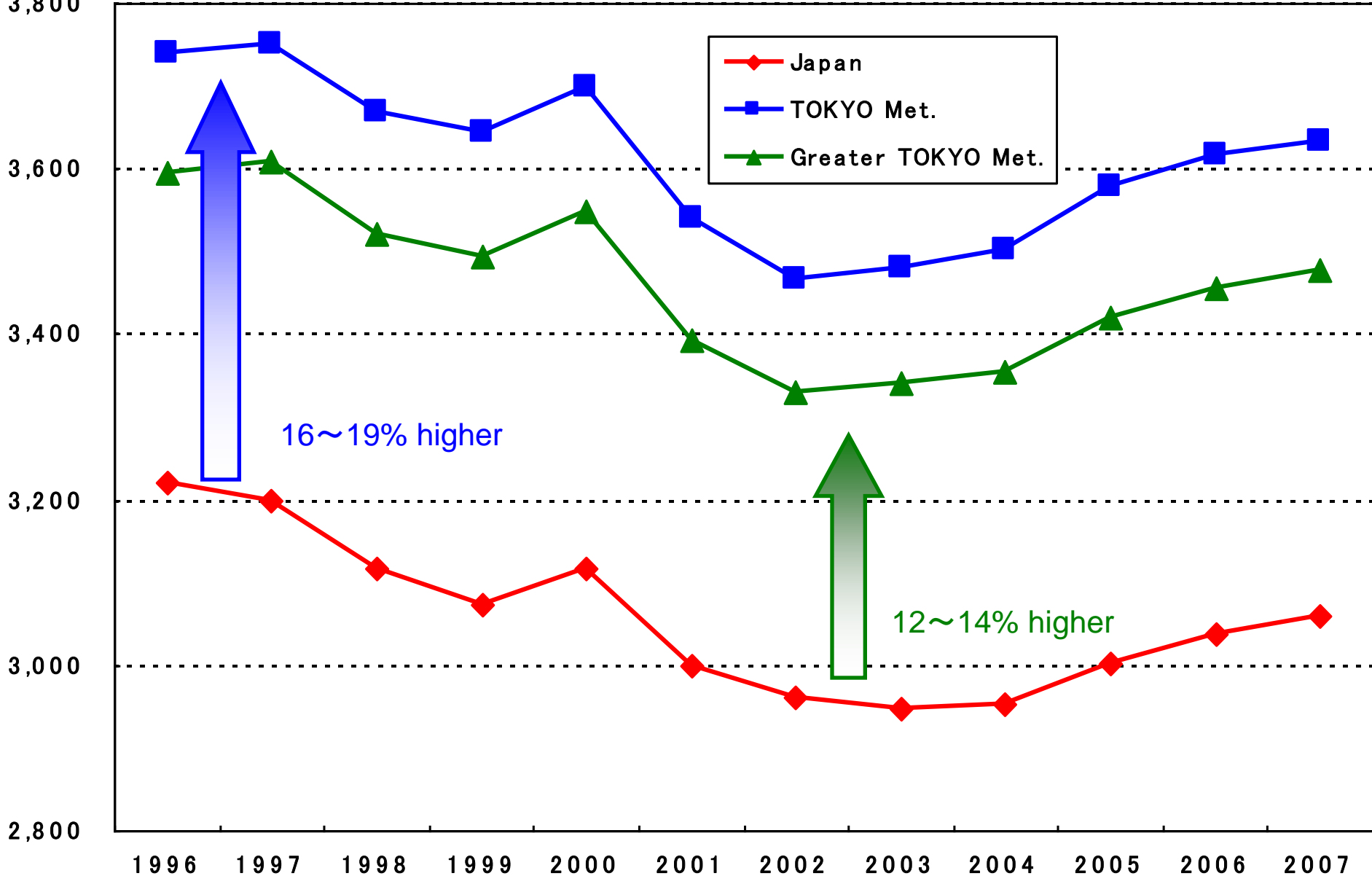
# TOKYO ranks around 30th in the world in terms of population !

Rank	Country	Population (thousands) (2009 estimated)
26	 South Korea	48,332
:	:	:
31	 Sudan	42,272
	Greater TOKYO Metropolitan area	42,054
32	 Argentina	40,276
33	 Kenya	39,802
34	 Poland	38,074
	TOKYO Metropolitan area	35,080
35	 Algeria	34,895
36	 Canada	33,573
:	:	:
45	 Malaysia	27,468
:	:	:
50	 Taiwan	27,468
:	:	:
53	 Australia	21,293

# TOKYO, the most affluent city in Japan !

Changes of Prefectural income per capita of Japan & TOKYO(1996-2007)

Thousand yen  
3,800



16~19% higher

12~14% higher

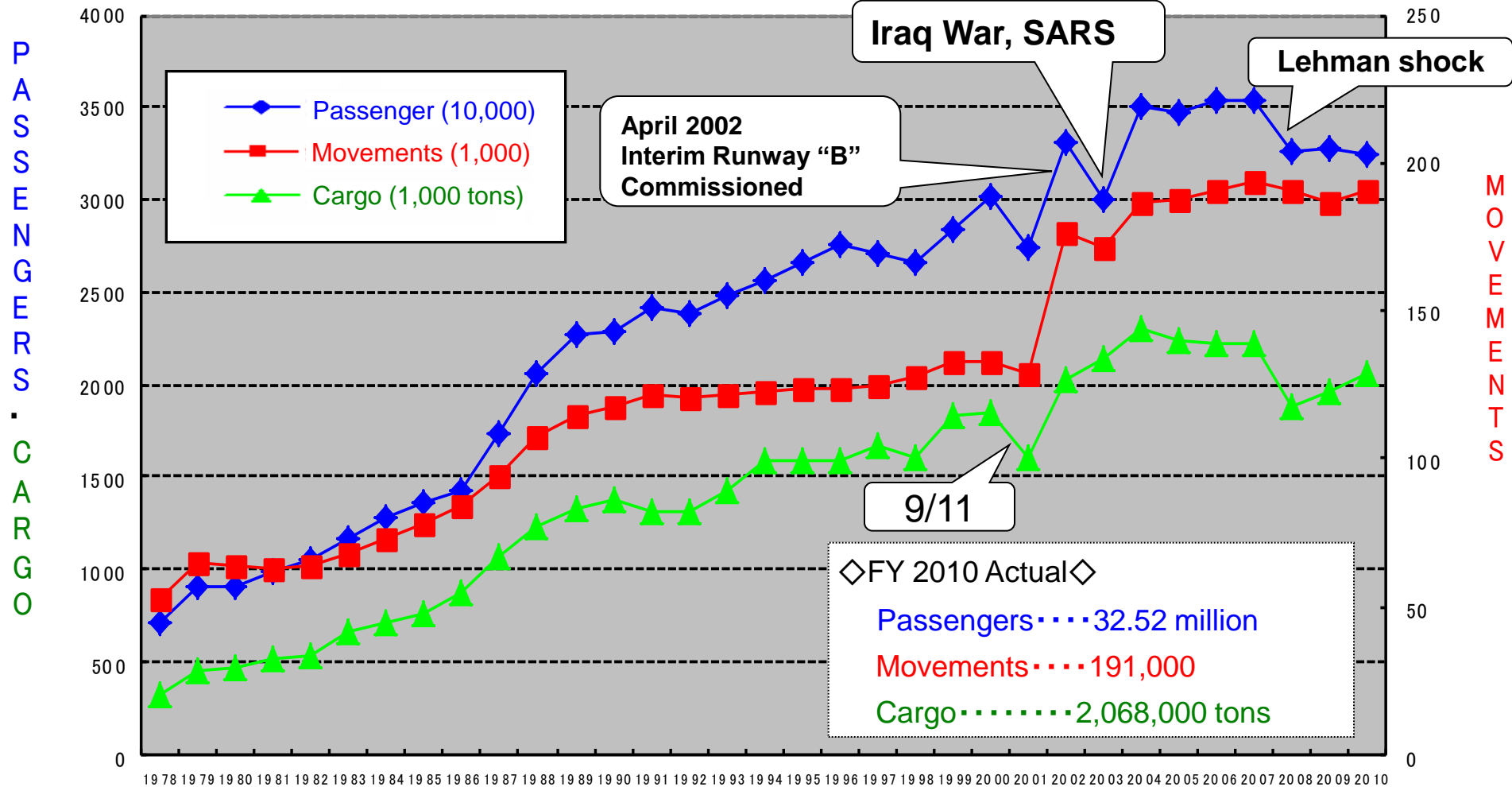
# Key Factors in Airport Evaluation

# Narita Airport

# Operational Results (FY1978-FY2010)

■ In comparison with when the airport opened, average daily handling has increased; **Movements 310%**, **Passengers 400%** and **Cargo 540%**.

\* Comparison is made between FY1978 and FY2010, based on the daily average throughout the year.



### Ranking

Rank	City	Airport	Passengers	% Chg
1	London	Heathrow	60,651,349	-1.1%
2	Paris	Charles de Gaule	53,032,487	-5.0%
3	Hong Kong	Hong Kong	44,979,094	-4.6%
4	Frankfurt	Frankfurt	44,520,661	-4.7%
5	Amsterdam	Schipol	43,520,650	-8.1%
6	Dubai	Dubai International	40,104,149	9.6%
7	Singapore	Changi	36,088,996	-0.6%
8	Narita	Narita International	30,894,531	-4.4%
9	Madrid	Madrid Barajas	29,066,144	-2.4%
10	Bangkok	Suvarnabhumi	28,834,623	-4.2%

※ Source : ACI Statistics

### Cargo Ranking

Rank	City	Airport	Freight	% Chg
1	Hong Kong	Hong Kong International	3,349,693	-7.7%
2	Seoul	Incheon International	2,267,551	-5.0%
3	Dubai	Dubai International	1,846,249	6.1%
4	Narita	Narita International	1,810,448	-12.1%
5	Paris	Charles de Gaule	1,785,372	-11.2%
6	Shanghai	Pudong International	1,777,976	-7.2%
7	Frankfurt	Frankfurt	1,757,526	-10.5%
8	Singapore	Changi	1,633,794	-12.0%
9	Taipei	Taiwan Taoyuan	1,345,333	-9.1%
10	Miami	Miami International	1,332,198	-13.7%

※ Source : ACI Statistics

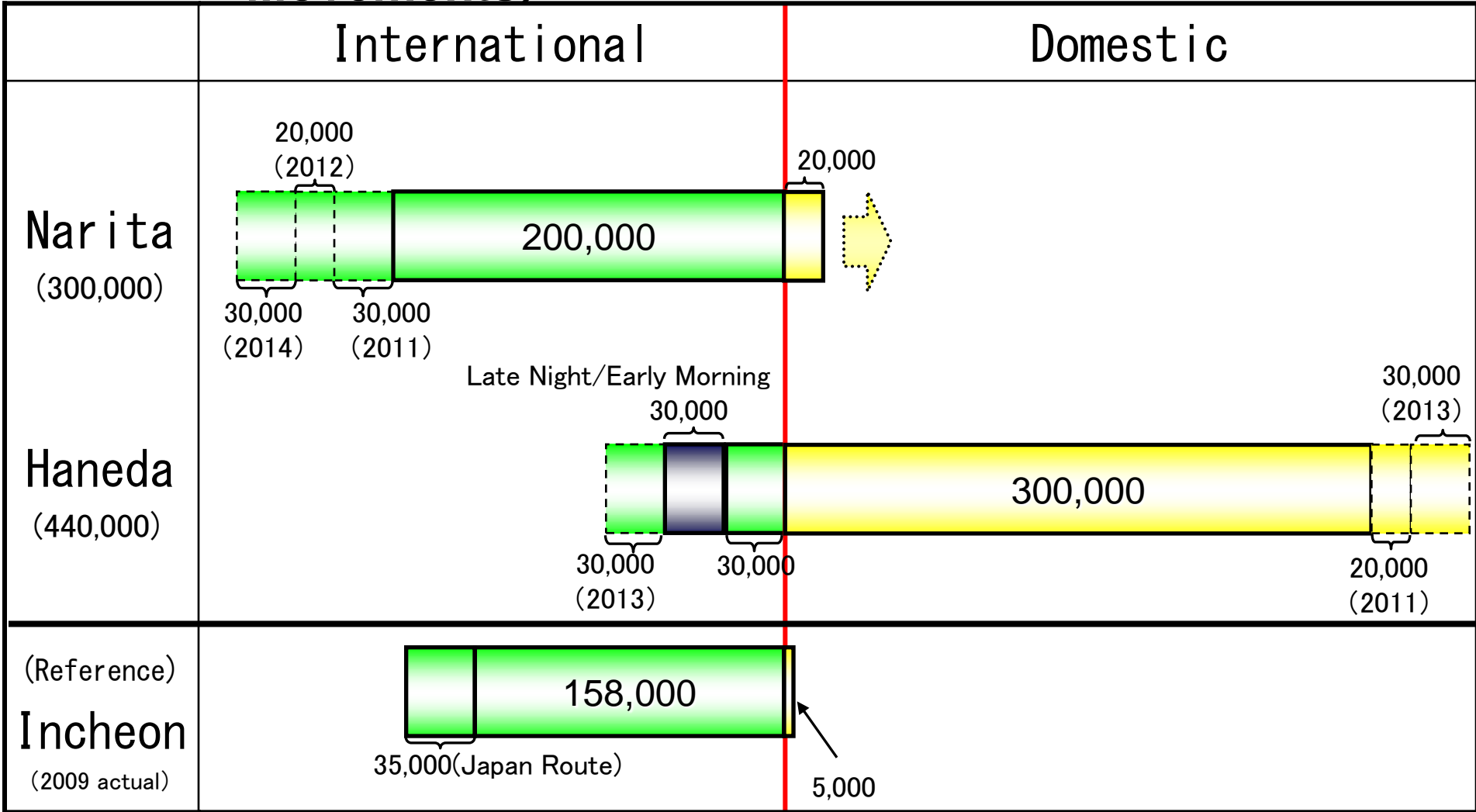
# Timeline on Capacity Increase of Metropolitan Airports

## (Annual Aircraft Movements)

Fiscal Year	Narita		Haneda	
2009	Mar	+20,000 (220,000)		
2010			Oct	International +30,000 (Asian Short-haul) International +30,000 (Late night/Early morning)
2011	In Fiscal Year	+30,000 (250,000)	In Fiscal Year	Domestic +20,000
2012	In Fiscal Year	+20,000 (270,000)		
2013		Facilities will be complete to accommodate 300,000 by 2014 at earliest	In Fiscal Year	International +30,000 Domestic +30,000 } (Subject to ATC training)
2014	In Fiscal Year	+30,000		

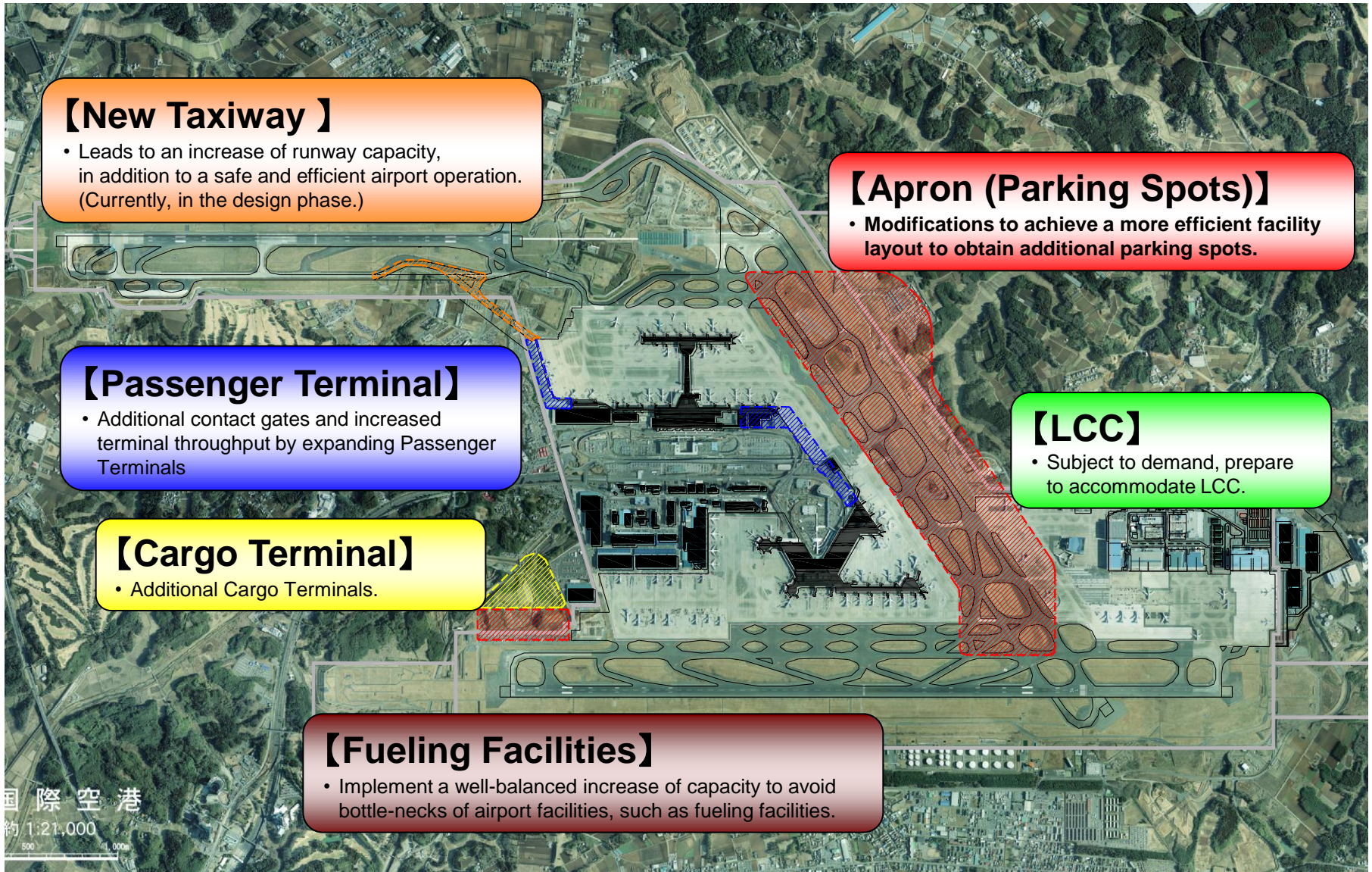
**300,000**

# 2014 Capacity at Narita & Haneda (Annual Aircraft Movements)

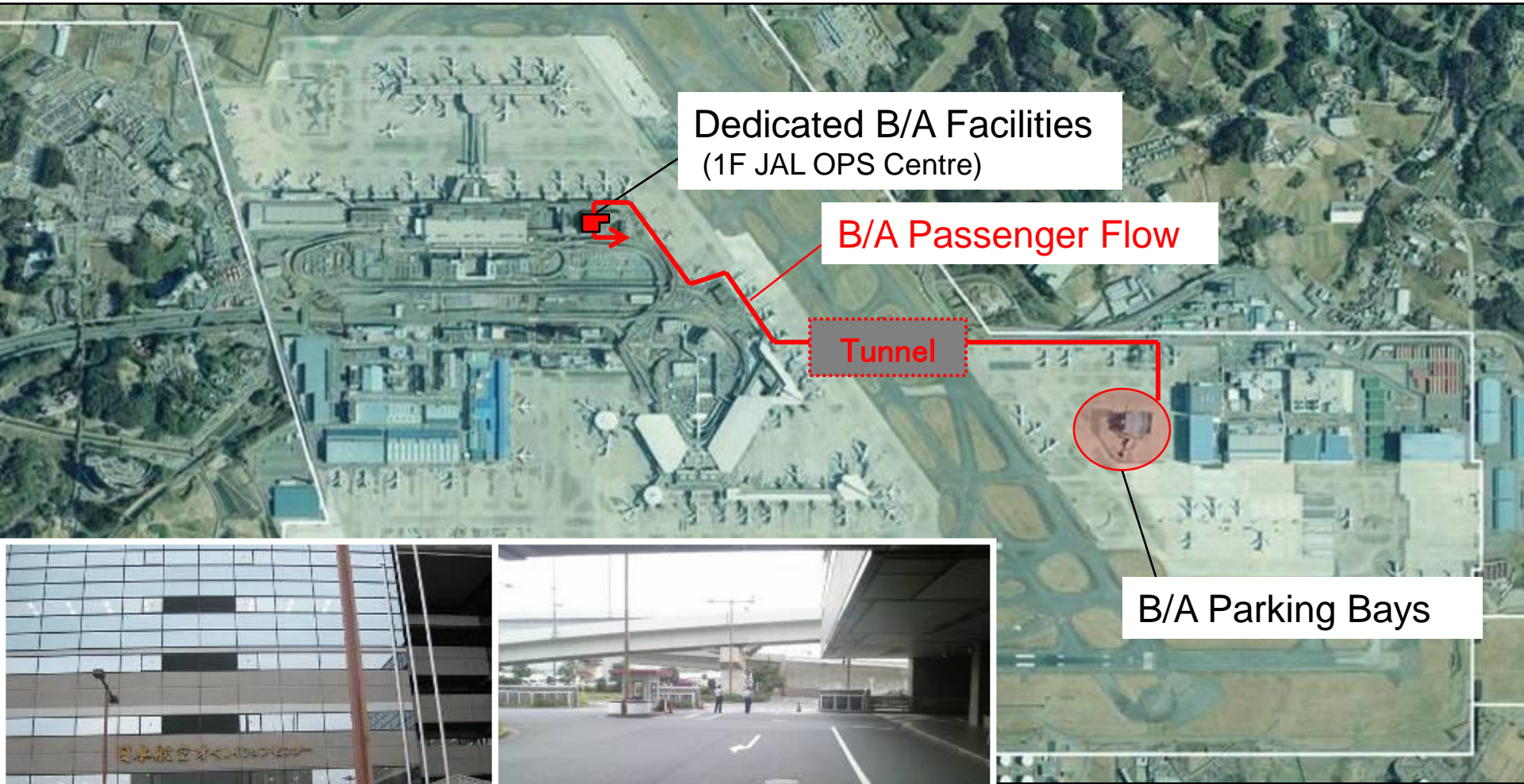


Source: Incheon Websites for 2009 actual.  
 Airport Data Intelligence/Sabre Jan. 11~17 Schedule date for Japan Route Share

# Master Plan for 300,000 Annual Movements



# Dedicated Business Aviation Facilities Layout



Dedicated B/A Facilities  
(1F JAL OPS Centre)

B/A Passenger Flow

Tunnel

B/A Parking Bays



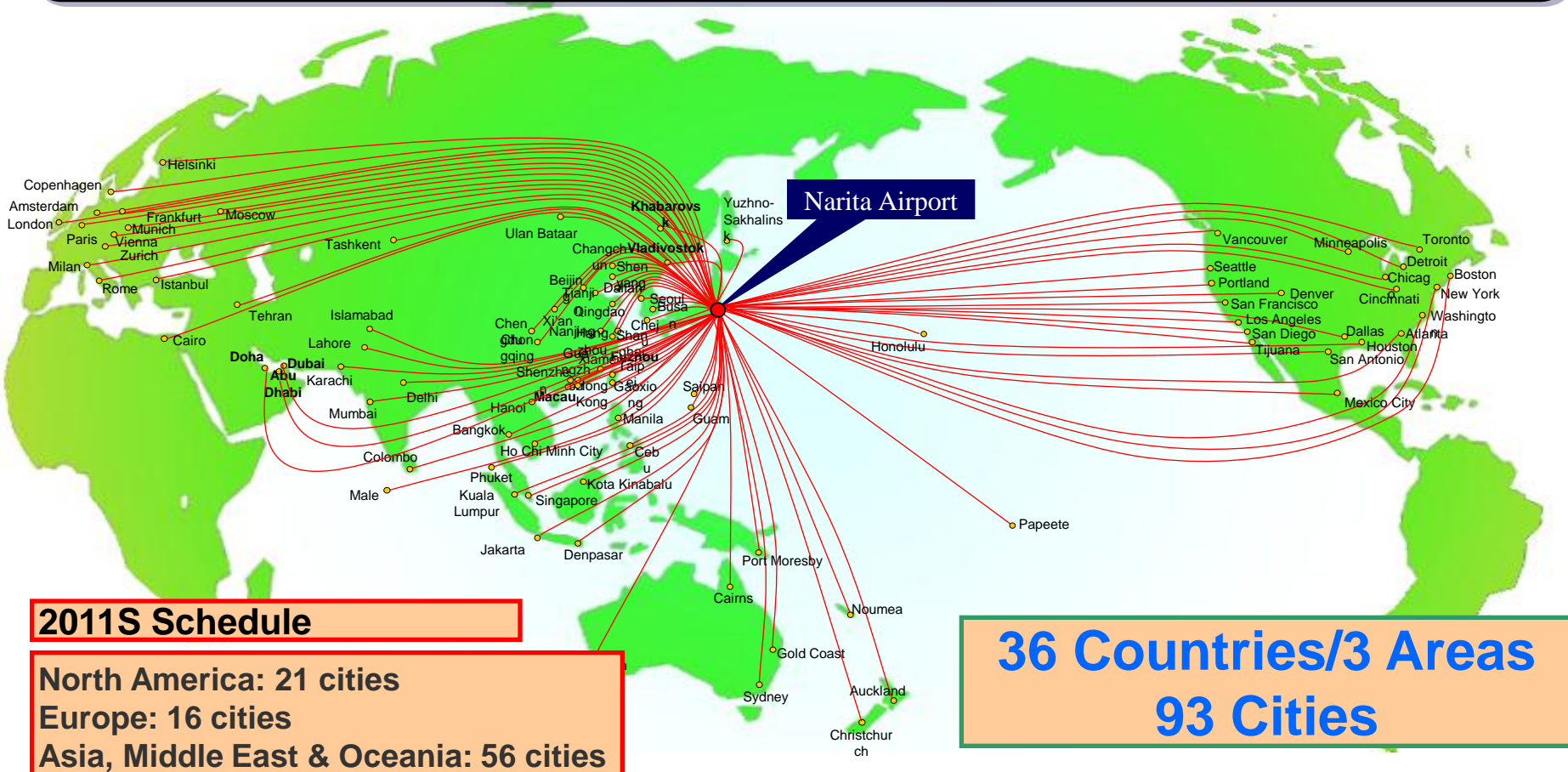
Entrance JAL OPS Centre



Vehicle Entry

# Narita's Network as an International Hub Airport

- Narita boasts an extensive international network. As such it has established its position as a major international hub airport of East Asia.
- It will aim to further expand its international network and improve its functions.

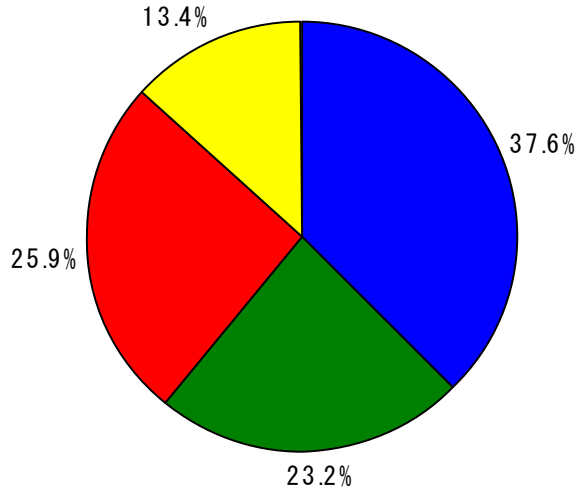


# Share of Flights by Airline Alliance

Legend : ■ Star Alliance ■ SkyTeam ■ Oneworld / Percentage indicated in order of International and then Domestic

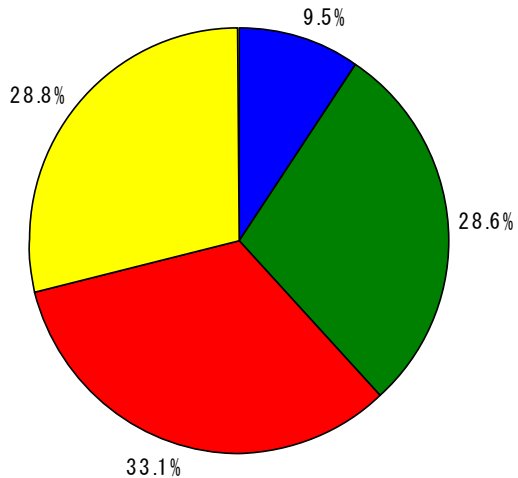
Narita **NRT**

Inter 86.2% Domestic 13.8%



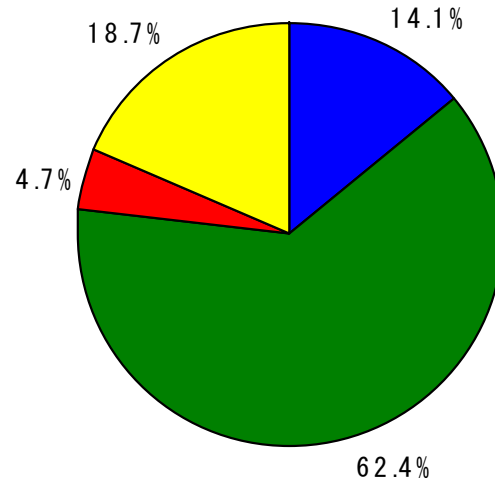
John F. Kennedy **JFK**

Inter 35.9% Domestic 64.1%



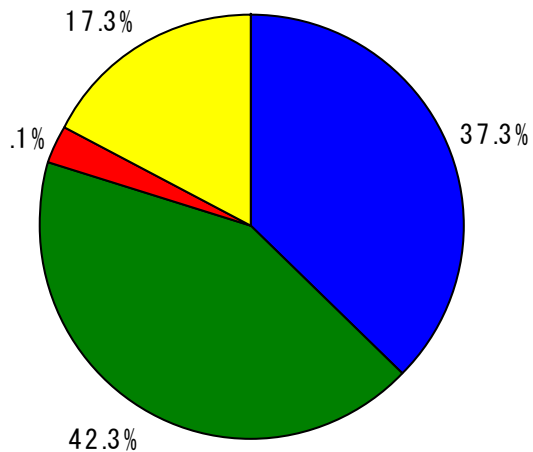
Charles de Gaule **CDG**

Inter 89.7% Domestic 10.3%



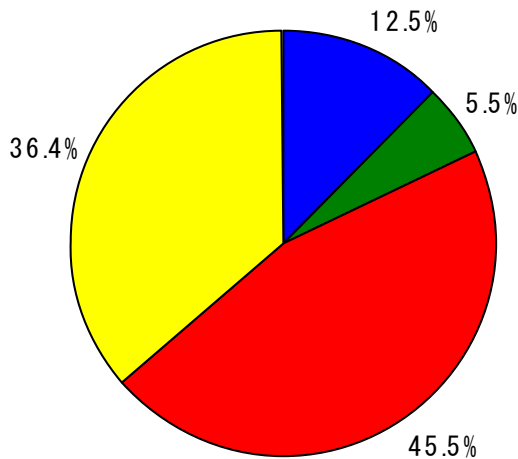
Incheon **ICN**

Inter 97.4% Domestic 2.6%



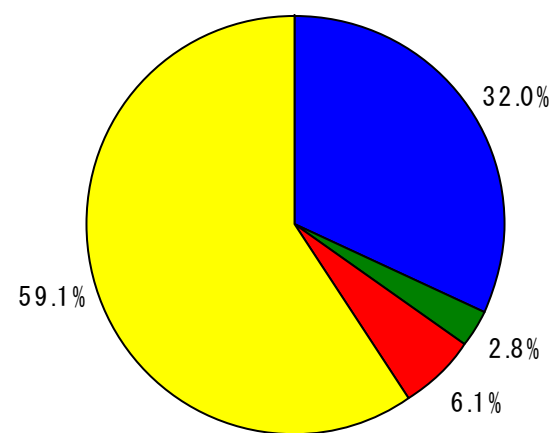
Hong Kong **HKG**

Inter 100.0% Domestic 0.0%

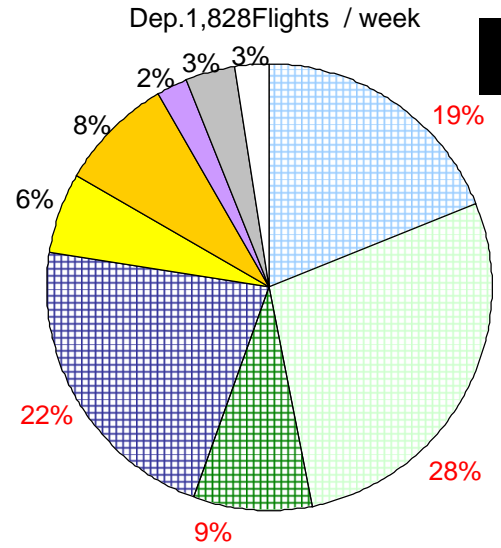


Changi **SIN**

Inter 100.0% Domestic 0.0%

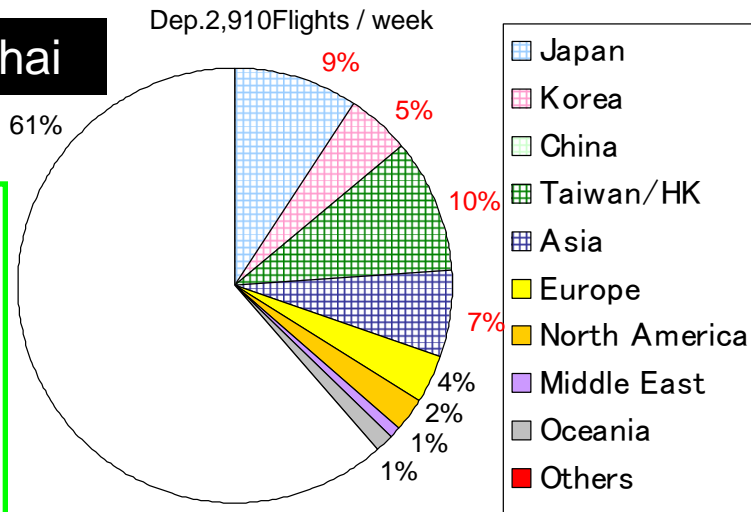


# Route Characteristics of Key Asian Airports



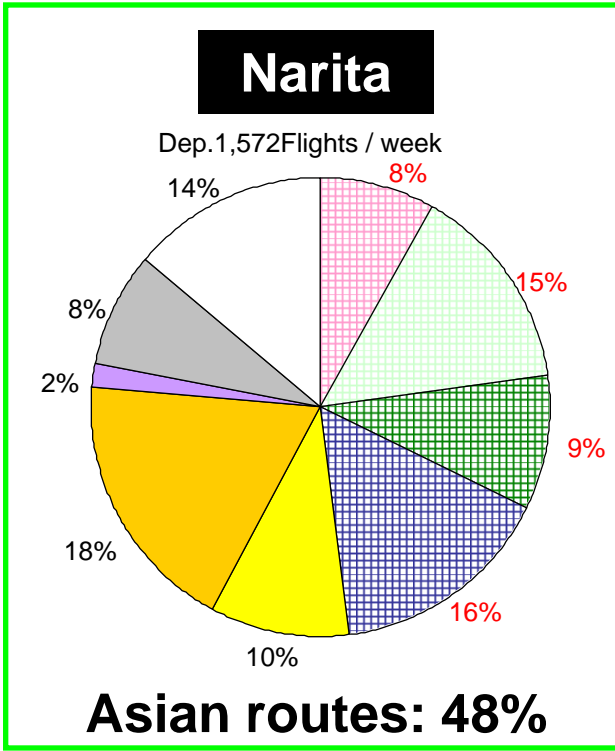
**Incheon**

**Shanghai**

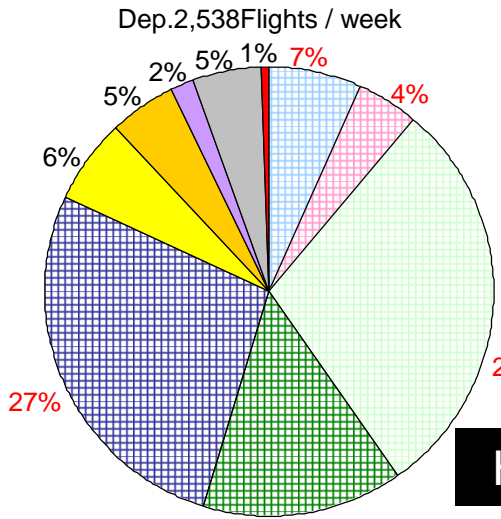


**Asian routes: 78%**

**Asian routes: 31%**

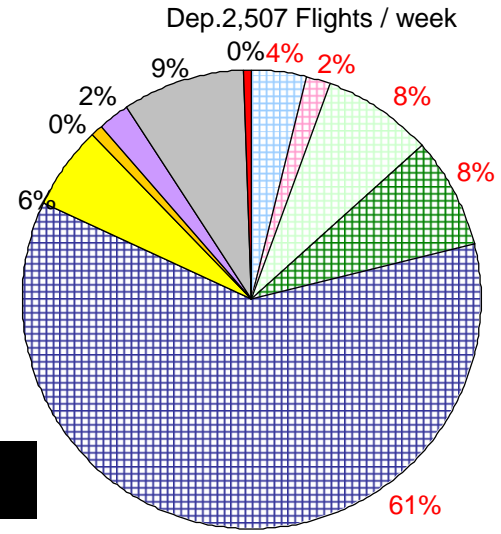


**Asian routes: 48%**



**Hong Kong**

**Changi**



**Asian routes: 83%**

**Asian routes: 81%**

Source: Compiled from Airport Data Intelligence/Sabre schedule data for the period 17 - 23 January 2011

# Haneda Airport

# Location of Haneda Airport



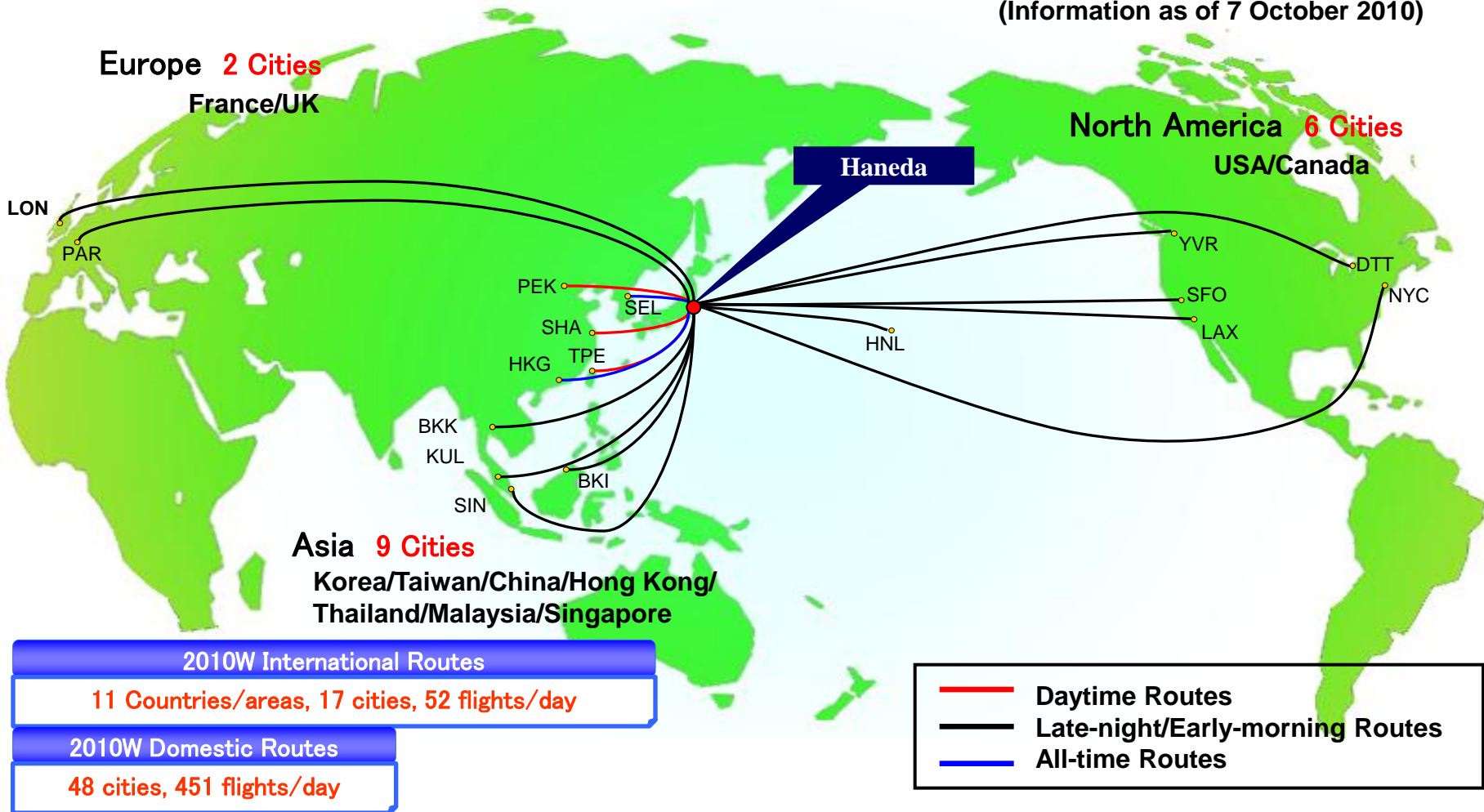
# International Air Services Network at Haneda

■ Covers 11 countries/areas, 17 cities, with 52 flights/day.

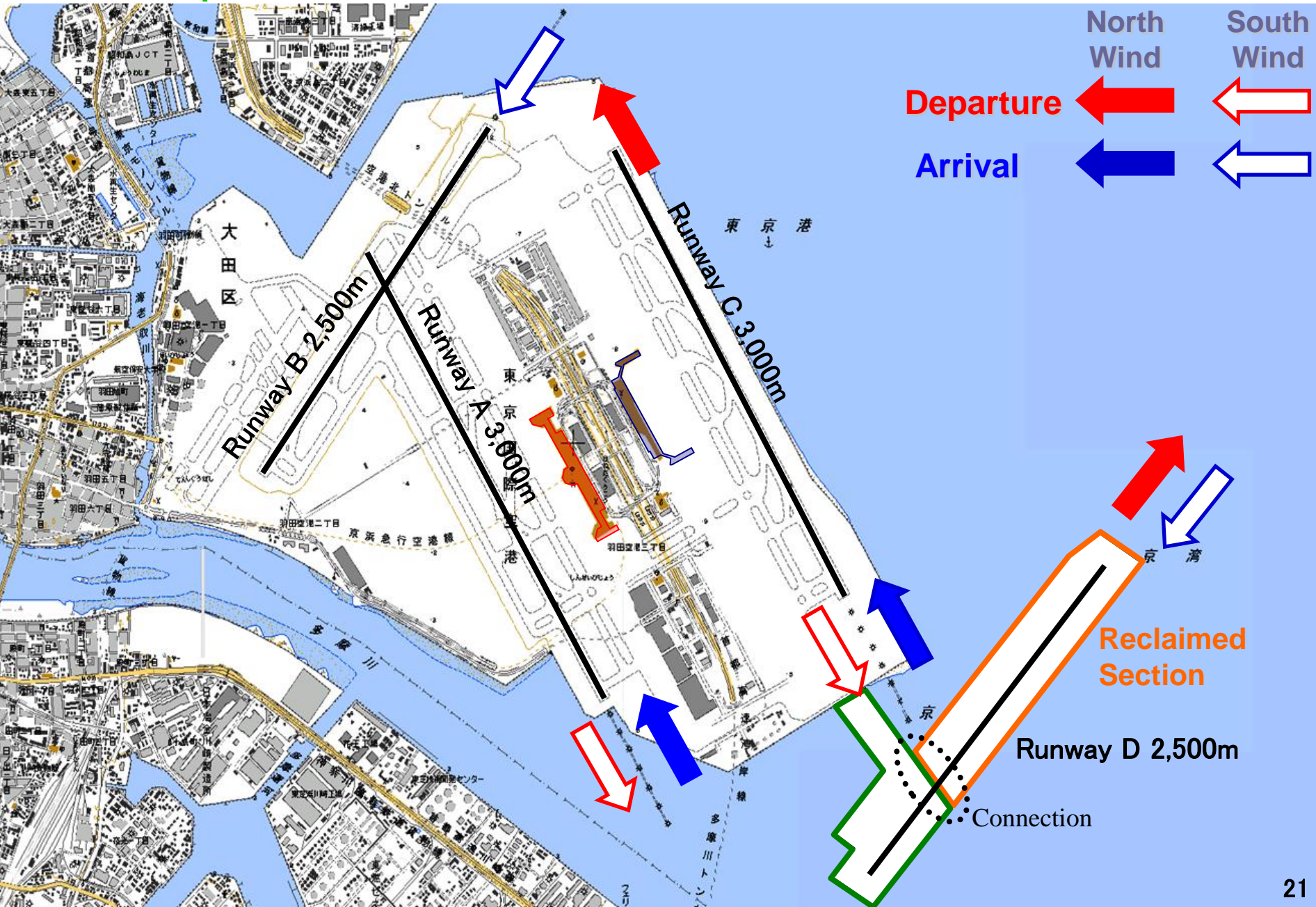
## Haneda's International Air Services Network

## MLIT Data

(Information as of 7 October 2010)



# Runway Operational Procedure at Haneda



# Closing Remarks



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**Thank you for your attention.**