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An update on the transport infrastructure development in China: Air transportation (2010)

1. Number of civil airports

According to the General Administration of Civil Aviation of China, there were 165 civil airports with regular flights in China in 2009, up from 152 in 2008 (see exhibit 1).

Exhibit 1: Number of civil airports with regular flights in China, 2005-2009

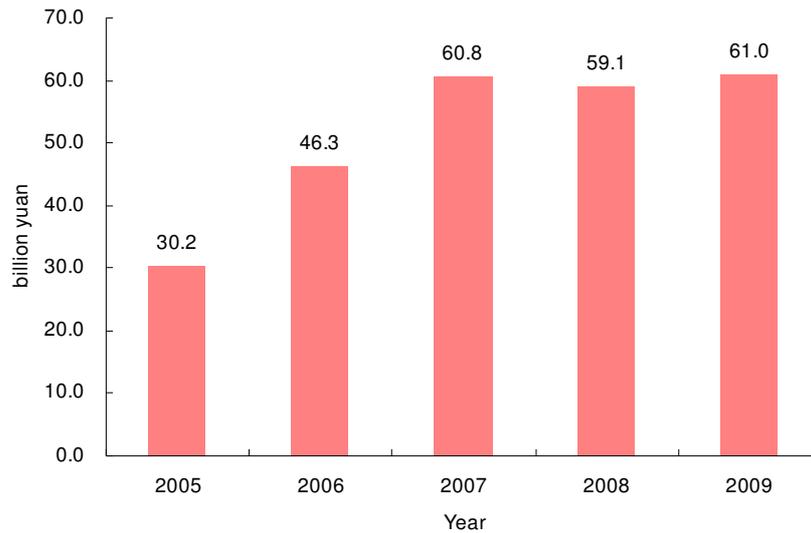
	2005	2006	2007	2008	2009
	135	142	148	152	165

Source: National Bureau of Statistics, PRC; the General Administration of Civil Aviation of China

2. Fixed assets investment

In 2009, the fixed assets investment in air transportation increased to 61.0 billion yuan, posting a year-on-year (yoy) growth of 3.3%. Exhibit 2 shows you the fixed assets investment in air transportation from 2005 to 2009.

Exhibit 2: Fixed assets investment in air transportation, 2005-2009



Source: National Bureau of Statistics, PRC

3. Passenger and freight throughput

In 2009, the total passenger throughput of civil airports in China climbed by 19.8% yoy to reach 486.1 million passengers; while the total freight throughput rose by 7.0% to 9.5 million tonnes. Exhibit 3 shows the top twenty busiest civil airports in China in 2009 in terms of passenger throughput.

Among the 165 civil airports with regular flights in China, 51 of them handled more than one million passengers in 2009, representing 95.8% of the total passenger throughput in China; and 14 of them even handled more than 10 million passengers, representing 64.7% of the total passenger throughput in 2009; the top four of which, located in Beijing, Guangzhou and Shanghai (see also exhibit 3), accounted for 32.8% of the total. As for freight throughput, 45 out of the 165 civil airports handled more than 10,000 tonnes of goods in 2009, accounting for 98.8% of the total freight throughput of the year. The four airports in Beijing, Shanghai and Guangzhou accounted for 57.3% of the national total.

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Exhibit 3: The top 20 busiest civil airports in China in terms of passenger throughput, and their freight throughput and number of flights handled, 2009

Rank	Airport	Passenger Throughput (million persons)	yoy growth (%)	Freight Throughput (10,000 tonne)	yoy growth (%)	Number of Flights Handled (10,000)	yoy growth (%)
	National	486.1	19.8	945.6	7.0	484.1	14.5
1	Beijing Capital International	65.4	16.9	147.6	7.9	48.8	13.6
2	Guangzhou	37.0	10.8	95.5	39.3	30.9	10.2
3	Shanghai Pudong	31.9	13.1	254.3	-2.3	28.8	8.3
4	Shanghai Hongqiao	25.1	9.6	43.9	5.6	18.9	2.0
5	Shenzhen	24.5	14.4	60.5	1.2	20.3	7.8
6	Chengdu	22.6	31.3	37.4	0.1	19.0	19.8
7	Kunming	18.9	19.3	25.9	9.5	17.3	14.8
8	Xi'an	15.3	28.3	12.7	8.5	14.6	19.9
9	Hangzhou	14.9	17.9	22.6	7.4	13.4	13.1
10	Chongqing	14.0	26.0	18.6	16.1	13.3	17.8
11	Xiamen	11.3	20.7	19.6	0.3	10.6	14.2
12	Wuhan	11.3	22.8	10.2	13.4	11.3	15.2
13	Changsha	11.3	33.5	8.7	22.3	11.0	28.9
14	Nanjing	10.8	22.0	20.0	6.7	10.6	16.3
15	Qingdao	9.7	17.8	13.5	3.8	9.8	11.6
16	Dalian	9.6	16.4	12.6	-2.7	8.5	16.8
17	Haikou	8.4	2.0	7.8	5.0	6.9	4.1
18	Sanya	7.9	32.2	3.8	31.1	6.0	26.3
19	Shenyang	7.5	10.2	11.2	9.7	6.7	7.2
20	Zhengzhou	7.3	24.7	7.1	9.1	7.6	21.6

Source: General Administration of Civil Aviation of China

The development of air transportation in China is impressive when compared to other countries. According to the Airports Council International, Beijing Capital International Airport ranked third in the world in 2009 in terms of passenger throughput. Exhibit 4 shows the top twenty fastest growing airports in the world in terms of passenger throughput in 2009. 15 of the top twenty fastest growing airports are located in China, reflecting the huge growth potential of China's air industry. As for freight throughput, the Hong Kong International Airport and the Shanghai Pudong International Airport were the second and third busiest airports in the world in 2009.

Exhibit 4: Top 20 fastest growing airports in the world in terms of passenger throughput, 2009#

Rank	Airport	Passenger throughput (million persons)	yoy growth (%)
1	Istanbul	6.6	52.3
2	Rio De Janeiro	5.1	40.6
3	Changsha*	11.3	33.5
4	Sanya*	7.9	32.2
5	Chengdu*	22.6	31.3
6	Xi'an*	15.3	28.3
7	Chongqing*	14.0	26.0
8	Zhengzhou*	7.3	24.7
9	Wuhan*	11.3	22.8
10	Nanjing*	10.8	22.0
11	Xiamen*	11.3	20.7
12	Fuzhou*	5.5	20.2
13	Kunming*	18.9	19.3
14	Hangzhou*	14.9	17.9
15	Qingdao*	9.7	17.8
16	Beijing*	65.4	16.9
17	Belo Horizonte	5.9	16.5
18	Dalian*	9.6	16.4
19	Brasilia	12.6	16.1
20	Salvador	7.8	15.9

These rankings only include airports with passenger throughput over five million in year 2009

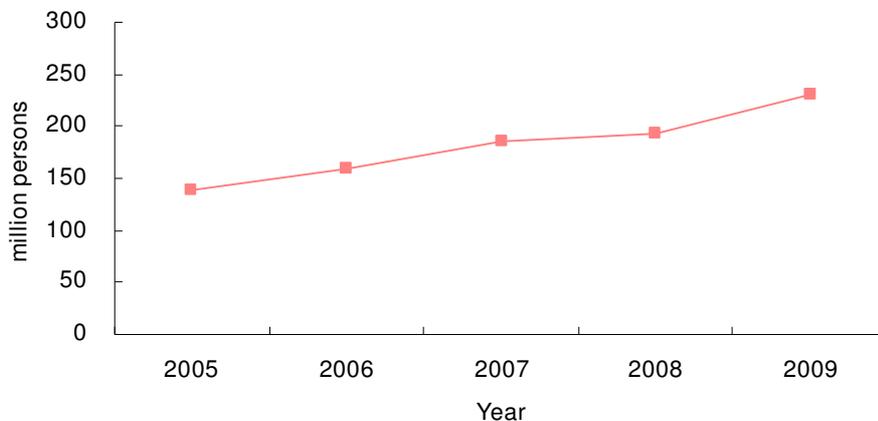
* Airports located in the Chinese Mainland

Source: Airports Council International & General Administration of Civil Aviation of China

4. Passenger and freight traffic

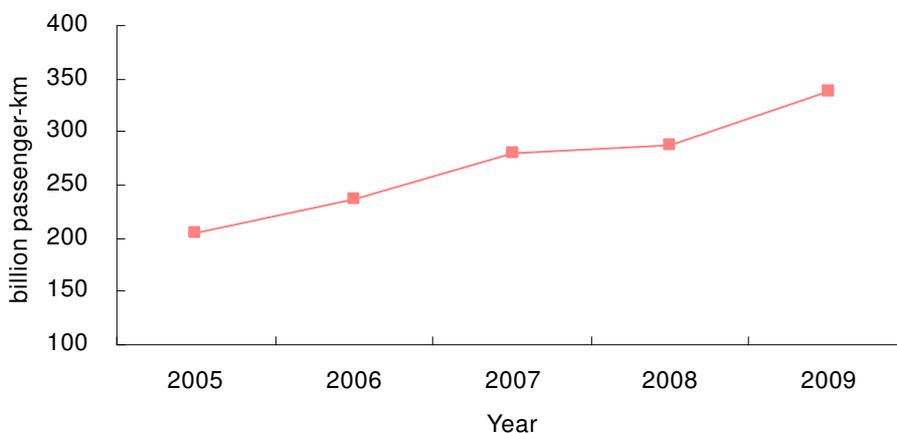
According to the National Bureau of Statistics, in 2009, the total air passenger traffic in China was 230.5 million persons, posting a yoy growth of 19.7%. The total air passenger-kilometers in 2009 were 337.5 billion passenger-km, recording an increase of 17.1% yoy over the previous year. Exhibits 5 & 6 show the total air passenger traffic and the total air passenger-kilometers for the past five years. It demonstrates that both air passenger traffic and passenger-kilometers have been growing steadily.

Exhibit 5: Air traffic in China: Total passenger traffic, 2005-2009



Source: National Bureau of Statistics, PRC

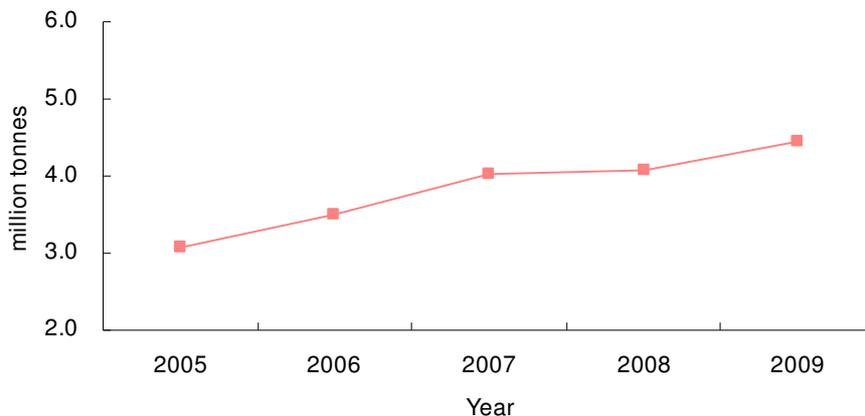
Exhibit 6: Air traffic in China: Total passenger-kilometers, 2005-2009



Source: National Bureau of Statistics, PRC

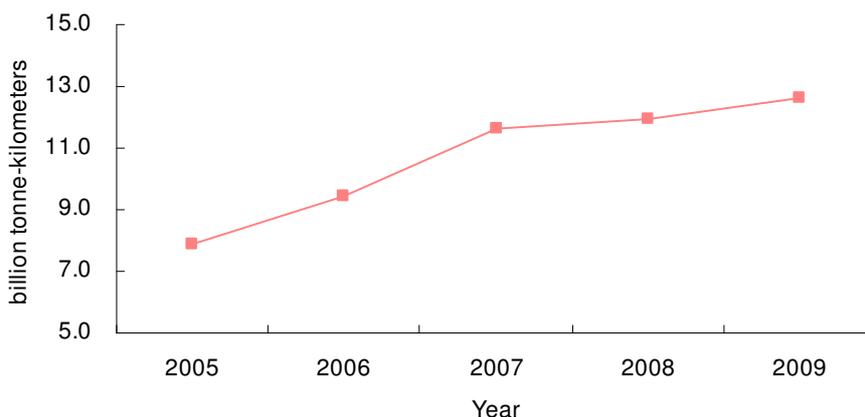
The total air freight traffic in China in 2009 was 4.5 million tonnes, representing a yoy increase of 9.3%. The total air freight tonne-kilometers in 2009 were 12.6 billion tonne-km, up by 5.5% yoy. Exhibits 7 & 8 show the total air freight traffic and freight tonne-kilometers for the preceding five years.

Exhibit 7: Air traffic in China: Total freight traffic, 2005-2009



Source: National Bureau of Statistics, PRC

Exhibit 8: Air traffic in China: Total freight tonne-kilometers, 2005-2009



Source: National Bureau of Statistics, PRC

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