

Airport On-Time Departure Performance (June 2018, by VariFlight)

Ten Chinese Airports Join APAC TOP20 OTP List

XIY Retains the Most Punctual Airport in Mainland China

Powered by VariFlight incomparable aviation database, the monthly report of *Airport On-time Departure Performance* provides an overview of how global airports performed in June, 2018.

- New Chitose (CTS) has topped the global hubs for consecutive three months with the on-time departure performance decreased by 1.68 percent YoY.
- Ten Chinese Airports ascend in the APAC TOP20 list while airports in Japan retains the leading position. Xi'an Xianyang (XIY) becomes the most punctual airport again in mainland China after May.
- Airports with a capacity of over 10 million passengers in mainland China show dramatic YoY growth, among which Shanghai Hongqiao (SHA) witnesses the most obvious increase of 40.94 percent, followed by Nanjing Lukou (NKG) and Xiamen Gaoqi (XMN).
- Yantai Penglai (YNT), Beijing Capital (PEK) and Guangzhou Baiyun (CAN) suffer the most from severe weather in June.

Global Hubs

CTS Tops the OTP Chart with a YoY Decrease of 1.68 Percent

New Chitose (CTS) ranks first among global hubs in June with an on-time departure rate of 94.51 percent and an average departure delay of 6.96 minutes, showing a 1.68 percent YoY decrease, followed successively by Sheremetyevo (SVO) and Honolulu (HNL).

Ranking	IATA Code	Airports	Country/Region	Flight Departures	On-time Departure Performance	Average Departure Delay (minutes)
1	CTS	New Chitose	JP	6686	94.51%	6.96
2	SVO	Sheremetyevo	RU	14434	90.16%	18.68
3	HNL	Honolulu	US	6599	88.94%	18.95
4	HND	Haneda	JP	20642	87.87%	19.48
5	FUK	Fukuoka	JP	7900	87.36%	18.00
6	LED	Pulkovo	RU	6966	86.42%	19.46
7	PDX	Portland	US	8626	85.41%	18.41
8	CGH	Congonhas	BR	8093	85.33%	18.66

9	YYC	Calgary	CA	8375	84.72%	20.62
10	GMP	Gimpo	KR	6130	84.45%	22.03

Source: VariFlight

Figure 1: World's TOP10 best airports for on-time departures (Large airports, June, 2018)

Global Medium-Sized Airports

SDJ Becomes the Most Punctual Medium-Sized Airport

All the TOP10 global medium-sized airports in in June show an on-time performance of over 90 percent. Sendai (SDJ) ranks first with a departure punctuality of 95.73 percent and an average delay of 10.75 minutes, showing a YoY increase of 0.8 percent.

Ranking	IATA Code	Airports	Country/Region	Flight Departures	On-time Departure Performance	Average Departure Delay (minutes)
1	SDJ	Sendai	JP	2139	95.73%	10.75
2	ITM	Itami	JP	5760	94.34%	12.32
3	TFN	Tenerife	ES	2978	92.82%	11.94
4	OGG	Kahului	US	3144	91.60%	14.25
5	KOJ	Kagoshima	JP	3187	91.29%	14.63
6	CMN	Mohammed V International	MA	3179	91.21%	10.23
7	NGO	Nagoya	JP	4202	90.96%	15.80
8	CNX	Chiang Mai	TH	2888	90.89%	12.39
9	MZG	Magong	TW	2189	90.60%	12.81
10	KHH	Kaohsiung	TW	2490	90.11%	14.34

Source: VariFlight

Figure 2: World's TOP10 best airports for on-time departures (Medium-sized airports, June, 2018)

APAC---Major Airports

Japanese Airports Keep ahead and Ten Chinese Airports Ascend in the TOP20 List

Japanese airports keep ahead in OTP, among which New Chitose (CTS) is delivered the first of all major airports in Asia-Pacific region (94.51 percent). In mainland China, ten airports join the list, among which Xi'an Xianyang (XIY) ranks seventh (82.51 percent) and retains its position of the most punctual major airport in mainland China.

Ranking	IATA Code	Airports	Country/Region	Flight Departures	On-time Departure Performance	Average Departure Delay (minutes)
1	CTS	New Chitose	JP	6686	94.51%	6.96
2	HND	Haneda	JP	20642	87.87%	19.48
3	FUK	Fukuoka	JP	7900	87.36%	18.00
4	GMP	Gimpo	KR	6130	84.45%	22.03

5	BKK	Suvarnabhumi	TH	14164	83.54%	20.43
6	KIX	Osaka	JP	7293	82.66%	21.26
7	XIY	Xi'an Xianyang	CN	13491	82.51%	22.46
8	BNE	Brisbane	AU	7499	81.24%	23.55
9	URC	Urumqi Diwopu	CN	7168	80.87%	21.42
10	CKG	Chongqing Jiangbei	CN	11825	80.32%	22.32
11	AKL	Auckland	NZ	6233	78.83%	23.25
12	KMG	Kunming Changshui	CN	14834	77.88%	26.77
13	HAK	Haikou Meilan	CN	6013	77.32%	24.37
14	KWE	Guiyang Longdongbao	CN	6248	77.10%	25.25
15	CSX	Changsha Huanghua	CN	7475	76.91%	25.64
16	WUH	Wuhan Tianhe	CN	7446	75.31%	25.78
17	SHA	Shanghai Hongqiao	CN	10859	74.12%	29.76
18	DMK	Don Mueang	TH	11041	73.54%	24.59
19	CGO	Zhengzhou Xinzheng	CN	7948	73.52%	28.81
20	MEL	Melbourne	AU	9404	73.29%	26.62

Source: VariFlight

Figure 3: TOP20 best airports in Asia-Pacific for on-time departures (Major airports, June, 2018)

APAC---Medium-Sized Airports

LJG Tops the Medium-Sized Airports in Mainland China

Sendai (SDJ) ranks first of the TOP20 list with an on-time departure rate of 95.73 percent; in mainland China, Lijiang Sanyi (LJG) is recognized as eleventh with an on-time performance of 84.41 percent rising from 13th place to 11th place, and has been the most punctual medium-sized airport in mainland China for four consecutive months.

Ranking	IATA Code	Airports	Country/Region	Flight Departures	On-time Departure Performance	Average Departure Delay (minutes)
1	SDJ	Sendai	JP	2139	95.73%	10.75
2	ITM	Itami	JP	5760	94.34%	12.32
3	KOJ	Kagoshima	JP	3187	91.29%	14.63
4	NGO	Nagoya	JP	4202	90.96%	15.80
5	CNX	Chiang Mai	TH	2888	90.89%	12.39
6	MZG	Magong	TW	2189	90.60%	12.81
7	KHH	Kaohsiung	TW	2490	90.11%	14.34
8	TSA	Taipei Songshan	TW	2444	88.92%	15.81
9	CHC	Christchurch	NZ	2653	88.49%	16.21

10	WLG	Wellington	NZ	3176	86.58%	16.76
11	LJG	Lijiang Sanyi	CN	2471	84.41%	18.25
12	ADL	Adelaide	AU	3053	83.77%	20.13
13	HKT	Phuket	TH	4713	83.39%	17.89
14	PER	Perth	AU	3937	83.38%	20.35
15	PUS	Busan	KR	4676	82.99%	21.20
16	XNN	Xining Caojiapu	CN	2436	82.72%	19.46
17	INC	Yinchuan Hedong	CN	3187	81.46%	19.95
18	TNA	Jinan Yaoqiang	CN	4991	80.26%	23.83
19	LHW	Lanzhou Zhongchuan	CN	4370	79.55%	20.81
20	KWL	Guilin Liangjiang	CN	2940	78.36%	23.39

Source: VariFlight

Figure 4: TOP20 best airports in Asia-Pacific for on-time departures (Medium-sized airports, June, 2018)

Mainland China---Airports with a Capacity over 10 Million Passengers

XIY Tops the List and SHA Shows the Most Obvious YoY Growth

Xi'an Xianyang (XIY) ranks first among the airports with a capacity of over 10 million passengers in mainland China with its on-time departure performance of 82.51 percent in June, followed by Urumqi Diwopu (URC) and Chongqing Jiangbei (CKG). Airports with a capacity of over 10 million passengers in mainland China show dramatic YoY growth, among which Shanghai Hongqiao (SHA) shows the most obvious YoY increase of 40.94 percent followed by Nanjing Lukou (NKG) (35.20 percent YoY) and Xiamen Gaoqi (XMN) (31.41 percent YoY).

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	YoY	Average Departure Delay (minutes)
1	XIY	Xi'an Xianyang	13491	82.51%	20.82%	22.46
2	URC	Urumqi Diwopu	7168	80.87%	13.92%	21.42
3	CKG	Chongqing Jiangbei	11825	80.32%	15.39%	22.32
4	TNA	Jinan Yaoqiang	4991	80.26%	24.34%	23.83
5	LHW	Lanzhou Zhongchuan	4370	79.55%	12.37%	20.81
6	KMG	Kunming Changshui	14834	77.88%	16.01%	26.77
7	HAK	Haikou Meilan	6013	77.32%	23.21%	24.37
8	KWE	Guiyang Longdongbao	6248	77.10%	19.25%	25.25
9	DLC	Dalian Zhoushuizi	5894	76.91%	12.97%	25.73
10	CSX	Changsha Huanghua	7475	76.91%	21.48%	25.64
11	NNG	Nanning Wuxu	4303	75.78%	21.24%	25.79
12	WUH	Wuhan Tianhe	7446	75.31%	16.48%	25.78
13	KHN	Nanchang Changbei	3984	74.91%	18.90%	28.26

14	SHA	Shanghai Hongqiao	10859	74.12%	40.94%	29.76
15	CGO	Zhengzhou Xinzheng	7948	73.52%	14.22%	28.81
16	TYN	Taiyuan Wusu	4069	72.47%	19.80%	30.99
17	CTU	Chengdu Shuangliu	13972	72.35%	8.31%	31.42
18	SYX	Sanya Phoenix	4511	71.94%	20.34%	31.76
19	PVG	Shanghai Pudong	18926	70.53%	28.69%	31.18
20	HET	Hohhot Baita	4348	70.01%	21.30%	32.12
21	SHE	Shenyang Taoxian	5436	69.87%	14.93%	33.02
22	NKG	Nanjing Lukou	8397	69.18%	35.20%	35.66
23	HRB	Harbin Taiping	5785	68.09%	10.46%	35.39
24	FOC	Fuzhou Changle	4403	67.63%	29.91%	35.06
25	SZX	Shenzhen Bao'an	13211	67.28%	28.49%	37.43
26	HGH	Hangzhou Xiaoshan	10532	66.51%	29.86%	40.18
27	TAO	Qingdao Liuting	6672	65.33%	8.78%	35.52
28	CGQ	Changchun Longjia	3596	65.31%	16.28%	37.97
29	CAN	Guangzhou Baiyun	18355	64.77%	22.80%	37.30
30	TSN	Tianjin Binhai	6838	64.13%	15.30%	38.44
31	PEK	Beijing Capital	23920	62.13%	24.52%	41.89
32	XMN	Xiamen Gaoqi	7732	60.63%	31.41%	40.07

Source: VariFlight

Figure 5: China's airports on-time departure performance (airports with a capacity of over 10 million passengers, June, 2018)

Mainland China---Airports with a Capacity of 2 Million to 10 Million Passengers JHG Tops the List and ZUH Enjoys the Fastest Growth

Regarding airports with a capacity of 2 million to 10 million passengers, Xishuangbanna (JHG) ranks first with an on-time performance of 87.48 percent followed by Hulun Buir Dongshan (HLD). Compared with the same period last year, all airports show an increase, among which Zhuhai Jinwan (ZUH) enjoys the most rapid YoY growth of 39.04 percent, followed by Ningbo Lishe (NGB) (29.06 percent YoY) and Sunan Shuofang (WUX) (29.02 percent YoY).

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	YoY	Average Departure Delay (minutes)
1	JHG	Xishuangbanna	1512	87.48%	7.12%	14.62
2	HLD	Hulun Buir Dongshan	743	85.83%	15.47%	18.47
3	LJG	Lijiang Sanyi	2471	84.41%	15.09%	18.25
4	XNN	Xining Caojiapu	2436	82.72%	8.13%	19.46
5	KHG	Kashgar	677	81.68%	15.01%	21.56
6	INC	Yinchuan Hedong	3187	81.46%	15.61%	19.95

7	LXA	Lhasa Kongga	1617	79.59%	20.11%	21.68
8	DSN	Ordos	886	78.51%	10.69%	22.97
9	KWL	Guilin Liangjiang	2940	78.36%	22.78%	23.39
10	YIH	Yichang Sanxia	991	77.05%	13.06%	22.71
11	ZHA	ZhanJiang	981	75.18%	19.99%	27.74
12	SWA	Jieyang Chaoshan	1984	70.61%	21.27%	29.61
13	BAV	Baotou Erliban	644	70.11%	20.37%	32.28
14	ZUH	Zhuhai Jinwan	3384	67.30%	39.04%	38.98
15	HFE	Hefei Xinqiao	3291	66.18%	18.55%	34.91
16	SJW	Shijiazhuang Zhengding	3307	64.71%	22.24%	39.02
17	NGB	Ningbo Lishe	3291	63.99%	29.06%	36.33
18	WEH	WeiHai	815	62.33%	3.09%	35.76
19	WNZ	Wenzhou Longwan	3362	61.19%	16.25%	36.71
20	NAY	Beijing Nanyuan	1756	61.10%	6.61%	39.80
21	WUX	Sunan Shuofang	2181	57.24%	29.02%	41.29
22	JJN	QUANZHOU JINJIANG	2264	56.70%	22.73%	44.05
23	YNT	Yantai Penglai	3022	53.53%	-1.10%	47.56
24	CZX	Changzhou Benniu	1123	49.28%	17.65%	46.84
25	NTG	Nantong Xingdong	1035	48.55%	19.02%	48.52
26	MIG	Mianyang Nanjiao	1440	40.33%	10.29%	58.10

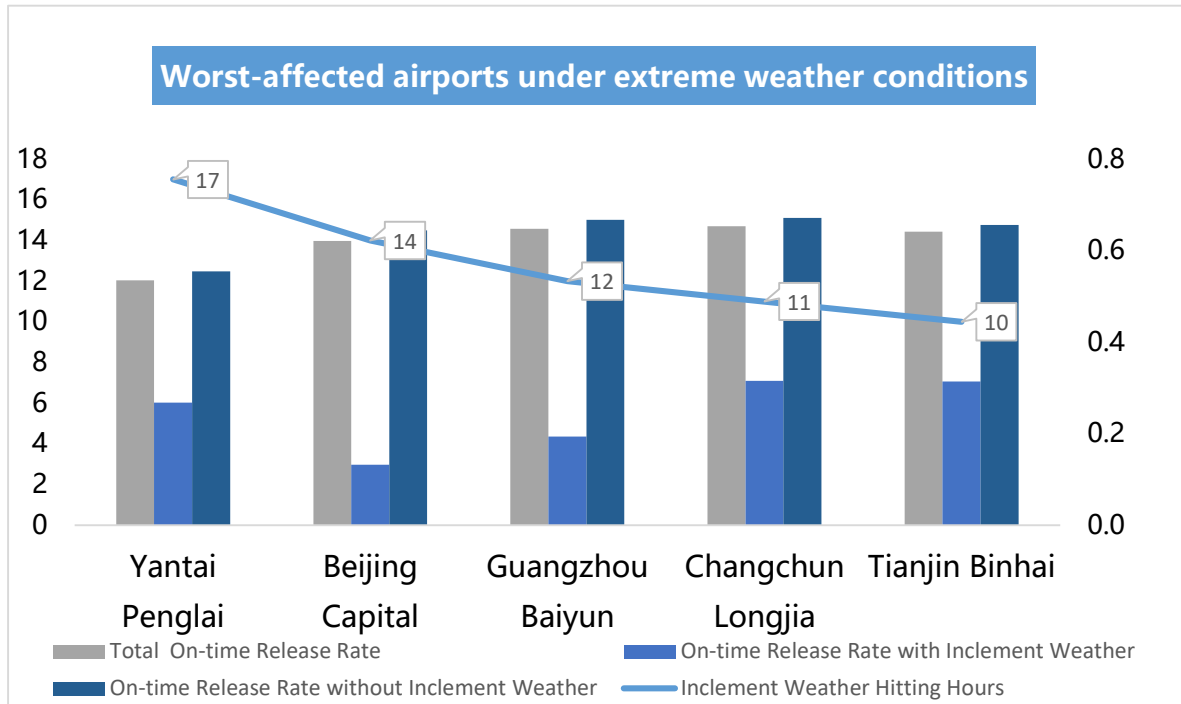
Source: VariFlight

Figure 6: China's airports on-time departure performance (airports with a capacity of 2 million to 10 million passengers, June, 2018)

Worst-Affected Airports under Severe Weather

CGO Suffers the Most from Severe Weather

In June, Yantai Penglai (YNT), Beijing Capital (PEK) and Guangzhou Baiyun (CAN) suffer the most from severe weather, with respectively 17 hours, 14 hours and 12 hours.



Source: VariFlight

Figure 7: China's worst-affected airports for normal flight release rate (June, 2018)

Notes for editors

Period: June 1- June 30, 2018

Flights: Commercial air passenger flights only. Cargo aircrafts, corporate jets and general aviation are excluded.

Actual departure flights: Departure flights that have actual take-off time and actual departure time in VariFlight database. Canceled flights are excluded.

Actual arrival flights: Arrival flights that have actual take-off time and actual departure time in VariFlight database. Canceled flights are excluded.

Large airports: Airports with above 6000 actual departure flights monthly.

Medium-sized airports: Airports with 2000 to 6000 actual departure flights monthly.

On-time departure flights: ATD-STD<30mins

On-time arrival flights: ATA-STA<30mins

On-time departure rate: On-time Departure Flights/Actual Departure Flights * 100%

On-time arrival rate: On-time Arrival Flights/Actual Arrival Flights * 100%

Average departure delay time: Total Departure Delay Time/ Actual Departure Flights (Departure delay time of a single flight: ATD-STD. If a flight departs ahead of the scheduled time of departure, then the result is zero.)

Average arrival delay time: Total Arrival Delay Time/ Actual Arrival Flights

(Arrival delay time of a single flight: ATA-STA. If a flight arrives ahead of the scheduled time of arrival, then the result is zero.)

Airports in Mainland China: Airports in mainland China can be divided into three classes with a capacity of over 10 million passengers, 2 million to 10 million passengers

and less than 2 million passengers respectively, in accordance with the passenger throughput published by Civil Aviation Administration of China (CAAC), 2017.