Airport On-time Departure Performance (Aug. 2017)

Powered by VariFlight incomparable aviation database, the monthly report of *Airport On-time Departure Performance* provides an overview of how global airports are performing every month in 2017.

Global Hubs

Helsinki-Vantaa Airport (HEL) tops the large airports chart in August with an on-time departure rate of 91.42 percent and an average delay of 13.40 minutes.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	HEL	Helsinki- Vantaa	FI	8986	91.42%	0.59%	13.40
2	CTS	New Chitose	JP	8932	90.99%	0.86%	12.30
3	HNL	Honolulu	US	7775	90.98%	1.16%	16.72
4	BNE	Brisbane	AU	9253	87.85%	1.07%	18.21
5	LED	Pulkovo	RU	8823	87.83%	1.78%	19.43
6	ITM	Itami (Osaka)	JP	9727	87.61%	0.27%	17.68
7	JNB	O. R. Tambo (Johannesburg)	ZA	8436	87.55%	0.61%	18.05
8	AKL	Auckland	NZ	7518	86.97%	1.04%	17.75
9	OSL	Oslo Airport (Gardermoen)	NO	11476	86.61%	0.44%	17.21
10	NGO	Chubu Centrair	JP	6009	86.47%	2.34%	23.17

Source: VariFlight

Figure 1: World's TOP10 best airports for on-time departures (Large airports, August, 2017)

Note: Reporting airports are those whose actual departure flights are over 6000 in August, 2017.

Global Medium-sized Airports

Tenerife North Airport (TFN) delivers the best on time performance among all medium-sized airports worldwide with 95.74 percent punctuality and an average delay of 10.54 minutes.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	TFN	Tenerife North	SP	3124	95.74%	0.59%	10.54
2	KOA	Kona	US	2171	95.65%	0.35%	9.60
3	OGG	Kahului	US	3520	95.37%	0.75%	9.38
4	LUX	Luxembourg	LU	2210	95.20%	0.13%	9.67
5	CHC	Christchurch	NZ	4333	93.24%	0.36%	11.85
6	CNF	Belo Horizonte - Tancredo Neves	BR	4082	92.99%	0.36%	10.15

7	SVG	Stavanger Sola	NO	2357	92.72%	0.16%	10.49
8	DUR	King Shaka (Durban)	ZA	2001	92.69%	0.43%	11.81
9	WLG	Wellington	NZ	4246	92.55%	0.33%	12.46
10	SDJ	Sendai	JP	3074	92.38%	0.12%	13.78

Source: VariFlight

Figure 2: World's TOP10 best airports for on-time departures (Medium-sized airports, August, 2017)

Note: Reporting airports are those whose actual departure flights are between 2000 to 6000 in August, 2017.

Asia-Pacific----Major Airports

New Chitose Airport (CTS) ranks first of all major airports in Asia-Pacific region with an on-time departure rate of 90.99 percent. In mainland China, Urumqi Diwopu International Airport (URC) ranks nineteenth (79.39 percent).

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	CTS	New Chitose	JP	8932	90.99%	0.86%	12.30
2	BNE	Brisbane	AU	9253	87.85%	1.07%	18.21
3	ITM	Itami (Osaka)	JP	9727	87.61%	0.27%	17.68
4	AKL	Auckland	NZ	7518	86.97%	1.04%	17.75
5	NGO	Chubu Centrair	JP	6009	86.47%	2.34%	23.17
6	FUK	Fukuoka	JP	9693	86.38%	0.99%	20.33
7	HND	Haneda	JP	21737	82.41%	0.77%	23.83
8	GMP	Gimpo	KP	6291	81.71%	0.55%	22.64
9	MEL	Melbourne	AU	10499	80.29%	1.31%	22.26
10	URC	Urumqi Diwopu	CN	7997	79.39%	5.40%	30.15
11	SYD	Sydney (Kingsford Smith)	AU	14058	77.32%	1.80%	26.17
12	KIX	Kansai	JP	7779	77.28%	3.97%	31.31
13	DMK	Don Mueang	TH	10842	75.74%	0.93%	25.20
14	SIN	Singapore Changi	SG	15329	74.98%	1.84%	27.75
15	SUB	Juanda	ID	7017	74.70%	2.13%	25.22
16	CJU	Jeju	KP	7215	74.29%	1.36%	26.24
17	HAN	Noi Bai	VN	6373	74.22%	3.16%	34.56
18	OKA	Naha	JP	6844	73.59%	1.20%	25.09
19	TPE	Taiwan Taoyuan (Taipei)	TW	9668	72.21%	2.97%	31.65

20	BKK	Suvarnabhumi	TH	15024	71.46%	3.17%	31.37

Figure 3: TOP20 best airports in Asia-Pacific for on-time departures (Major airports, August, 2017)

Note: Reporting airports are those whose actual departure flights are over 6000 in August, 2017.

Asia-Pacific----Medium-sized Airports

Christchurch Airport (CHC) ranks first among medium-sized airports in the Asia-Pacific region with an on-time departure rate of 93.24 percent. And in mainland China, Xining Caojiabao Airport (XNN) is recognized as nineteenth with an on-time performance of 62.69 percent.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	CHC	Christchurch	NZ	4333	93.24%	0.36%	11.85
2	WLG	Wellington	NZ	4246	92.55%	0.33%	12.46
3	SDJ	Sendai	JP	3074	92.38%	0.12%	13.78
4	KMI	Miyazaki	JP	2584	88.73%	0.32%	16.15
5	KOJ	Kagoshima	JP	4291	88.39%	0.48%	17.90
6	PER	Perth	AU	5238	87.88%	1.06%	16.94
7	KHH	Kaohsiung	TW	2442	87.36%	2.02%	19.85
8	CBR	Canberra	AU	2166	87.29%	1.86%	16.02
9	ADL	Adelaide	AU	3685	86.44%	1.18%	16.93
10	CNS	Cairns	AU	2318	86.22%	0.80%	17.03
11	PUS	Gimhae (Busan)	KP	4721	85.73%	0.55%	18.61
12	CNX	Chiang Mai	TH	3197	85.13%	1.84%	17.38
13	TSA	Taipei Songshan	TW	2377	84.35%	1.55%	20.74
14	HKT	Phuket	TH	4503	79.75%	4.16%	24.43
15	PEN	Penang	MY	2432	69.70%	3.34%	29.53
16	BKI	Kota Kinabalu	MY	2877	68.65%	5.39%	33.39
17	KNO	Kuala Namu	ID	3400	66.11%	3.07%	31.80
18	DAD	Da Nang	VN	3091	65.21%	4.74%	44.30
19	XNN	Xining Caojiabao	CN	3239	62.69%	12.16%	48.40
20	CEB	Mactan Cebu	PH	3622	62.52%	6.55%	41.03

Figure 4: TOP20 best airports in Asia-Pacific for on-time departures (Medium-sized airports, August, 2017)

Note: Reporting airports are those whose actual departure flights are between 2000 to 6000 in August, 2017.

Airports in mainland China

Airports in mainland China can be divided into three classes with a capacity of over 10

million passengers, 2 million passengers and less than 2 million passengers respectively, in accordance with the passenger throughput published by Civil Aviation Administration of China (CAAC), 2016.

On-time departure rate of airports with a capacity over 10 million passengers
Urumqi Diwopu (URC), Xi'an Xianyang (XIY) and Haikou Meilan (HAK) are the best three airports for on-time departure performance (79.39%, 58.17%, 56.83%) among airports with a capacity of over 10 million passengers in mainland China.

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	URC	Urumqi Diwopu	7997	79.39%	5.40%	30.15
2	XIY	Xi'an Xianyang	14138	58.17%	11.38%	50.12
3	HAK	Haikou Meilan	6260	56.83%	13.07%	52.59
4	CGO	Zhengzhou Xinzheng	8708	55.48%	16.19%	59.66
5	TNA	Jinan Yaoqiang	5202	55.35%	12.93%	53.45
6	CSX	Changsha Huanghua	7789	54.67%	12.95%	53.70
7	SYX	Sanya Phoenix	4788	53.83%	16.98%	61.75
8	LHW	Lanzhou Zhongchuan	5306	53.69%	13.86%	55.33
9	CKG	Chongqing Jiangbei	12049	53.30%	14.17%	57.41
10	TSN	Tianjin Binhai	7116	52.45%	20.66%	75.26
11	KWE	Guiyang Longdongbao	6711	52.07%	13.36%	57.03
12	WUH	Wuhan Tianhe	7693	51.83%	14.25%	58.02
13	NNG	Nanning Wuxu	4603	51.16%	13.01%	57.65
14	DLC	Dalian Zhoushuizi	6809	49.96%	18.79%	68.70
15	CAN	Guangzhou Baiyun	19230	49.06%	13.90%	60.18
16	HRB	Harbin Taiping	5845	48.92%	18.41%	74.48
17	KMG	Kunming Changshui	15135	48.75%	12.59%	58.68
18	CTU	Chengdu Shuangliu	13749	44.74%	15.31%	63.90
19	SHE	Shenyang Taoxian	5521	44.69%	22.03%	79.44
20	SZX	Shenzhen Bao'an	13295	44.05%	19.48%	73.98
21	TAO	Qingdao Liuting	8144	43.36%	15.10%	63.89
22	SHA	Shanghai Hongqiao	10733	42.69%	19.44%	73.82
23	FOC	Fuzhou Changle	4071	41.59%	16.37%	64.55
24	PEK	Beijing Capital	24182	40.83%	16.89%	72.92
25	XMN	Xiamen Gaoqi	7866	35.29%	17.39%	69.28
26	NKG	Nanjing Lukou	8874	33.89%	28.11%	97.14
27	HGH	Hangzhou Xiaoshan	10831	33.64%	24.59%	92.37

| 28 | PVG | Shanghai Pudong | 19089 | 30.82% | 23.83% | 91.36 |

Figure 5: China's airports on-time departure performance (airports with a capacity of over 10 million passengers, August, 2017)

On-time departure rate of airports with a capacity of over 2 million passengers

In regard to the airports with a capacity of over 2 million passengers, the supreme three are Xishuangbanna Gasa (JHG), Xining Caojiapu (XNN) and Lijiang Sanyi (LJG) respectively with on-time departure rates of 73.11 percent, 62.69 percent and 60.44 percent.

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	JHG	Jinghong Xishuangbanna Gasa	1325	73.11%	7.10%	31.72
2	XNN	Xining Caojiabao	3239	62.69%	12.16%	48.40
3	LJG	Lijiang Sanyi	2594	60.44%	10.88%	45.86
4	INC	Yinchuan Hedong	3509	59.52%	12.65%	51.58
5	KWL	Guilin Liangjiang	3021	55.11%	15.44%	59.82
6	LXA	Lhasa Gonggar	1560	51.96%	19.37%	63.16
7	SWA	Jieyang Chaoshan	1776	50.85%	14.37%	56.54
8	KHN	Nanchang Changbei	3901	50.62%	16.32%	63.75
9	TYN	Taiyuan Wusu	4664	50.03%	18.41%	67.39
10	HET	Hohhot Baita	5344	44.89%	19.69%	74.59
11	CGQ	Changchun Longjia	3677	44.37%	23.79%	85.71
12	YNT	Yantai Penglai	2984	43.87%	18.96%	72.44
13	HFE	Hefei Xinqiao	3476	42.74%	19.67%	76.28
14	NAY	Beijing Nanyuan	1870	41.60%	20.40%	72.88
15	SJW	Shijiazhuang Zhengding	3760	40.91%	22.62%	83.11
16	ZUH	Zhuhai Jinwan	2904	38.20%	23.33%	83.98
17	JJN	Quanzhou Jinjiang	1864	38.19%	19.67%	73.50
18	WNZ	Wenzhou Longwan	3040	37.59%	18.37%	72.37
19	NGB	Ningbo Lishe	3038	37.37%	23.94%	87.52
20	MIG	Mianyang Nanjiao	1289	31.10%	24.11%	89.56
21	WUX	Wuxi Sunan Shuofang	2281	24.83%	35.60%	113.68

Figure 6: China's airports on-time departure performance (airports with a capacity of over 2 million passengers, August, 2017)

Worst-affected airports under extreme weather conditions

In August, Beijing Capital International Airport suffers the most from severe weathers, a record of 68 hours in total. Shanghai Pudong International Airport, Kunming Changshui International Airport, Tianjin Binhai International Airport and Shijiazhuang Zhengding International Airport are also being affected for 67 hours, 65 hours, 64 hours and 57 hours respectively.

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	PEK	Beijing Capital	68	40.83%	25.81%	43.96%
2	PVG	Shanghai Pudong	67	30.82%	22.03%	33.04%
3	KMG	Kunming Changshui	65	48.75%	34.30%	52.02%
4	TSN	Tianjin Binhai	64	52.45%	34.95%	55.41%
5	SJW	Shijiazhuang Zhengding	57	40.91%	27.59%	43.89%

Source: VariFlight

Figure 7: China's worst-affected airports for normal flight release rate (August, 2017)

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Notes for editors

Period: Aug 1- Aug 31, 2017
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%

Flight on-time release rate: On-time Departure Flights/ Actual Departure 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.)

About VariFlight

Founded in 2005, VariFlight is a leading aviation service provider in China. Today we pride ourselves on being a global leader in aviation data and related analytics such as flight status data, fleets data, flight delay analysis, on-time performance analysis, A-CDM and aviation meteorology statistical analysis.