Airport On-time Departure Performance (Nov. 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 in November, 2017.

Global Hubs

New Chitose Airport (CTS) tops the large airports chart in November with an on-time departure rate of 95.87 percent and an average delay of 6.14 minutes.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	CTS	New Chitose	JP	6227	95.87%	0.12%	6.14
2	ITM	Itami	JP	6004	94.66%	0.07%	13.42
3	TPA	Tampa	US	6551	89.95%	1.23%	16.12
4	DOH	Doha	QA	7446	89.89%	0.98%	19.38
5	ATH	Athens	GR	6047	89.78%	0.70%	17.72
6	HNL	Honolulu	US	6166	89.77%	0.93%	17.99
7	ATL	Atlanta	US	34174	89.09%	0.85%	18.32
8	STL	Saint Louis	US	7285	88.94%	1.43%	17.01
9	PDX	Portland	US	7323	88.71%	1.65%	17.13
10	KIX	Osaka	JP	7078	88.30%	0.54%	16.83

Source: VariFlight

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

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

Global Medium-sized Airports

Kaohsiung International Airport (KHH) delivers the best on time performance among all medium-sized airports worldwide with 96.20 percent punctuality and an average delay of 9.38 minutes.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	KHH	Kaohsiung	TW, CN	2042	96.20%	0.11%	9.38
2	TFN	Tenerife	ES	2798	94.37%	0.35%	10.54
3	CMN	Mohammed V International	MA	3124	93.90%	0.68%	10.79
4	TSA	Taipei Songshan	TW, CN	2041	92.72%	0.52%	14.08
5	BEY	Beirut	LB	2380	92.57%	0.20%	11.68
6	WLG	Wellington	NZ	3528	92.46%	0.24%	12.48

7	CHC	Christchurch	NZ	3137	92.45%	0.30%	13.30
8	KOJ	Kagoshima	JP	3040	92.32%	0.11%	15.10
9	NGO	Nagoya	JP	4109	92.25%	0.29%	14.32
10	LIN	Milan Linate	IT	3759	92.06%	0.38%	13.17

Source: VariFlight

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

Note: Reporting airports are those whose actual departure flights are between 2000 to 6000 in November, 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 95.87 percent. In mainland China, Chongqing Jiangbei International Airport (CKG) ranks sixth (84.83 percent).

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	CTS	New Chitose	JP	6227	95.87%	0.12%	6.14
2	ITM	Itami	JP	6004	94.66%	0.07%	13.42
3	KIX	Osaka	JP	7078	88.30%	0.54%	16.83
4	FUK	Fukuoka	JP	7903	85.61%	0.27%	18.56
5	HND	Haneda	JP	20137	85.45%	0.19%	20.50
6	CKG	Chongqing Jiangbei	CN	11806	84.83%	3.06%	19.80
7	URC	Urumqi Diwopu	CN	6318	84.69%	5.18%	27.63
8	TAO	Qingdao Liuting	CN	6814	84.28%	0.97%	17.72
9	BNE	Brisbane	AU	7966	83.22%	0.73%	19.40
10	AKL	Auckland	NZ	6774	83.18%	0.64%	20.02
11	XIY	Xi'an Xianyang	CN	12998	83.15%	1.57%	21.29
12	SHA	Shanghai Hongqiao	CN	10932	82.86%	1.05%	20.85
13	SZX	Shenzhen Bao'an	CN	13095	81.82%	1.28%	21.81
14	KWE	Guiyang Longdongbao	CN	6216	81.09%	2.29%	21.44
15	KMG	Kunming Changshui	CN	14617	80.18%	2.04%	24.31
16	CGO	Zhengzhou Xinzheng	CN	7694	79.68%	2.49%	21.31
17	CSX	Changsha Huanghua	CN	7065	78.65%	2.80%	22.53
18	SYD	Sydney	AU	13281	78.40%	0.99%	23.96
19	MEL	Melbourne	AU	10057	77.29%	0.96%	23.54
20	HAK	Haikou Meilan	CN	6960	76.81%	2.16%	24.20

Source: VariFlight

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

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

Asia-Pacific----Medium-sized Airports

Kaohsiung International Airport (KHH) ranks first among medium-sized airports in the Asia-Pacific region with an on-time departure rate of 96.20 percent. In mainland China, Yinchuan Hedong Airport (INC) is recognized as twelfth with an on-time performance of 88.45 percent.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	KHH	Kaohsiung	TW, CN	2042	96.20%	0.11%	9.38
2	TSA	Taipei Songshan	TW, CN	2041	92.72%	0.52%	14.08
3	WLG	Wellington	NZ	3528	92.46%	0.24%	12.48
4	CHC	Christchurch	NZ	3137	92.45%	0.30%	13.30
5	KOJ	Kagoshima	JP	3040	92.32%	0.11%	15.10
6	NGO	Nagoya	JP	4109	92.25%	0.29%	14.32
7	SDJ	Sendai	JP	2106	91.47%	0.18%	14.26
8	PER	Perth	AU	4346	90.64%	1.20%	16.85
9	SZB	Sultan Abdul Aziz Shah	MY	2257	90.05%	0.00%	11.53
10	PUS	Busan	KR	4535	89.74%	0.40%	15.72
11	ADL	Adelaide	AU	3397	89.58%	0.58%	15.15
12	INC	Yinchuan Hedong	CN	2681	88.45%	2.26%	16.01
13	DLC	Dalian Zhoushuizi	CN	5251	88.39%	1.13%	12.98
14	HET	Hohhot Baita	CN	3514	87.32%	1.35%	17.18
15	TNA	Jinan Yaoqiang	CN	4833	86.66%	1.85%	16.44
16	CNX	Chiang Mai	TH	3103	85.65%	0.60%	16.37
17	LJG	Lijiang Sanyi	CN	2097	84.98%	1.29%	15.62
18	HKT	Phuket	TH	4286	84.55%	1.43%	16.37
19	LHW	Lanzhou Zhongchuan	CN	3922	81.88%	2.68%	20.49
20	TYN	Taiyuan Wusu	CN	4289	81.21%	2.40%	21.84

Source: VariFlight

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

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

Dalian Zhoushuizi (DLC), Jinan Yaoqiang (TNA) and Chongqing Jiangbei (CKG) are the best three airports for on-time departure performance (88.39%, 86.66% and 84.83%) 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	DLC	Dalian Zhoushuizi	5251	88.39%	1.13%	12.98
2	TNA	Jinan Yaoqiang	4833	86.66%	1.85%	16.44
3	CKG	Chongqing Jiangbei	11806	84.83%	3.06%	19.80
4	URC	Urumqi Diwopu	6318	84.69%	5.18%	27.63
5	TAO	Qingdao Liuting	6814	84.28%	0.97%	17.72
6	XIY	Xi'an Xianyang	12998	83.15%	1.57%	21.29
7	SHA	Shanghai Hongqiao	10932	82.86%	1.05%	20.85
8	LHW	Lanzhou Zhongchuan	3922	81.88%	2.68%	20.49
9	SZX	Shenzhen Bao'an	13095	81.82%	1.28%	21.81
10	KWE	Guiyang Longdongbao	6216	81.09%	2.29%	21.44
11	KMG	Kunming Changshui	14617	80.18%	2.04%	24.31
12	CGO	Zhengzhou Xinzheng	7694	79.68%	2.49%	21.31
13	CSX	Changsha Huanghua	7065	78.65%	2.80%	22.53
14	HAK	Haikou Meilan	6960	76.81%	2.16%	24.20
15	WUH	Wuhan Tianhe	7517	76.53%	3.44%	25.71
16	SHE	Shenyang Taoxian	5252	76.29%	1.85%	24.70
17	NKG	Nanjing Lukou	8116	75.69%	2.15%	26.61
18	HRB	Harbin Taiping	5568	75.47%	2.08%	25.05
19	CAN	Guangzhou Baiyun	18382	75.34%	1.56%	26.13
20	HGH	Hangzhou Xiaoshan	10253	74.19%	2.09%	27.90
21	SYX	Sanya Phoenix	5333	73.61%	3.62%	27.61
22	PVG	Shanghai Pudong	18471	73.46%	1.28%	26.10
23	TSN	Tianjin Binhai	6733	71.81%	3.78%	29.24
24	CTU	Chengdu Shuangliu	13927	71.53%	3.30%	29.82
25	FOC	Fuzhou Changle	4131	68.50%	3.35%	31.05
26	PEK	Beijing Capital	24192	65.11%	1.83%	29.58
27	NNG	Nanning Wuxu	4289	64.97%	7.45%	38.32

28	XMN	Xiamen Gaoqi	8001	59.06%	3.50%	36.87

Source: VariFlight

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

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

Regarding airports with a capacity of over 2 million passengers, the supreme three are Yinchuan Hedong (INC), Xining Caojiapu (XNN) and Hohhot Baita (HET), respectively with on-time departure rates of 88.45 percent, 88.23 percent and 87.32 percent.

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	INC	Yinchuan Hedong	2681	88.45%	2.26%	16.01
2	XNN	Xining Caojiapu	1427	88.23%	1.40%	12.63
3	HET	Hohhot Baita	3514	87.32%	1.35%	17.18
4	LJG	Lijiang Sanyi	2097	84.98%	1.29%	15.62
5	TYN	Taiyuan Wusu	4289	81.21%	2.40%	21.84
6	KWL	Guilin Liangjiang	2263	80.72%	2.83%	20.12
7	JHG	Xishuangbanna	1477	80.61%	1.29%	17.85
8	CGQ	Changchun Longjia	3695	78.34%	2.19%	22.05
9	YNT	Yantai Penglai	2445	77.65%	1.52%	21.71
10	LXA	Lhasa Kongga	1223	75.90%	5.66%	28.12
11	KHN	Nanchang Changbei	4397	72.44%	3.24%	28.31
12	NGB	Ningbo Lishe	2911	72.27%	2.06%	25.32
13	ZUH	Zhuhai Jinwan	2715	71.40%	1.88%	26.83
14	WUX	Sunan Shuofang	2131	71.35%	1.65%	24.07
15	WNZ	Wenzhou Longwan	3122	70.61%	2.35%	27.21
16	SWA	Jieyang Chaoshan	1399	69.05%	4.07%	29.74
17	HFE	Hefei Xinqiao	3457	66.19%	3.05%	30.99
18	NAY	Beijing Nanyuan	1825	61.92%	4.77%	33.35
19	JJN	QUANZHOU JINJIANG	2296	61.58%	6.65%	39.07
20	SJW	Shijiazhuang Zhengding	3579	60.60%	3.67%	34.94
21	MIG	Mianyang Nanjiao	929	53.82%	5.38%	38.51

Source: VariFlight

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

Worst-affected airports under extreme weather conditions

In November, Wuhan Tianhe International Airport (WUH) suffers the most from severe weathers, a record of 10 hours in total. Chengdu Shuangliu International Airport (CTU), Urumqi Diwopu International Airport (URC), Tianjin Binhai International Airport (TSN) and Hefei Xinqiao International Airport (HFE) have also been affected for 10 hours, 10 hours, 9 hours and 6 hours respectively.

IATA Code	Airports	Inclement Weather hitting hours	Total On-time Release Rate	On-time Release Rate with Inclement Weather	On-time Release Rate without Inclement Weather
WUH	Wuhan Tianhe	10	76.53%	54.32%	77.87%
CTU	Chengdu Shuangliu	10	71.53%	22.26%	73.52%
URC	Urumqi Diwopu	10	84.69%	36.84%	85.58%
TSN	Tianjin Binhai	9	71.81%	49.58%	72.88%
HFE	Hefei Xinqiao	6	66.19%	31.82%	67.15%

Source: VariFlight

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

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November, 2017 *Airport On-time Departure Performance*

Notes for editors

Period: Nov 1- Nov 30, 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.