

Airport On-time Departure Performance (July 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

Itami Airport (ITM) tops the large airports chart in July with an on-time departure rate of 94.74 percent and an average delay of 13.06 minutes.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	ITM	Itami	JP	9632	94.74%	0.08%	13.06
2	CTS	New Chitose	JP	8695	92.67%	0.37%	10.42
3	HNL	Honolulu	US	7955	90.18%	1.04%	17.88
4	HEL	Helsinki-Vantaa	FI	8532	90.16%	0.57%	14.89
5	HND	Haneda	JP	21601	88.48%	0.49%	20.58
6	FUK	Fukuoka	JP	9713	87.77%	0.84%	18.67
7	PDX	Portland	US	12197	87.31%	1.12%	16.68
8	CGH	Congonhas Sao Paulo	BR	7481	86.99%	0.41%	16.98
9	LIN	Linate	IT	6080	86.57%	0.62%	16.56
10	VKO	Vnukovo	RU	6667	85.34%	1.53%	20.10

Source: VariFlight

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

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

Global Medium-sized Airports

Kahului Airport (OGG) delivers the best on time performance among all medium-sized airports worldwide with 95.22 percent punctuality and an average delay of 10.52 minutes.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	OGG	Kahului	US	3668	95.22%	0.74%	10.52
2	KOA	Kona	US	2313	94.88%	0.83%	11.48
3	LUX	Luxembourg	LU	2357	94.20%	0.19%	11.08
4	KMI	Miyazaki	JP	2559	94.18%	0.00%	11.87
5	SDJ	Sendai	JP	3044	93.51%	0.16%	11.62
6	CNF	Belo	BR	4063	92.56%	0.32%	10.33

		Horizonte - Tancredo Neves					
7	TFN	Tenerife North	SP	3233	92.44%	0.66%	12.42
8	KOJ	Kagoshima	JP	4237	92.20%	0.31%	14.30
9	SHJ	Sharjah	AE	3169	90.79%	0.36%	15.88
10	CWB	Afonso Pena Curitiba	BR	2610	90.33%	1.17%	12.29

Source: VariFlight

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

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

Asia-Pacific----Major Airports

Itami Airport (ITM) ranks first of all major airports in Asia-Pacific region with an on-time departure rate of 94.74 percent. In mainland China, Urumqi Diwopu International Airport (URC) ranks nineteenth (67.37 percent).

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	ITM	Itami	JP	9632	94.74%	0.08%	13.06
2	CTS	New Chitose	JP	8695	92.67%	0.37%	10.42
3	HND	Haneda	JP	21601	88.48%	0.49%	20.58
4	FUK	Fukuoka	JP	9713	87.77%	0.84%	18.67
5	BNE	Brisbane	AU	9137	82.61%	1.79%	22.80
6	GMP	Gimpo	KP	6308	81.44%	0.43%	22.68
7	DMK	Don Mueang	TH	10749	81.08%	0.80%	22.47
8	OKA	Naha	JP	6622	78.28%	0.66%	22.33
9	KIX	Kansai	JP	7668	78.07%	3.34%	27.46
10	AKL	Auckland	NZ	7658	77.16%	2.19%	25.27
11	CJU	Jeju	KP	7205	76.23%	0.84%	24.74
12	MEL	Melbourne	AU	10702	75.33%	1.73%	25.11
13	SIN	Singapore Changi	SG	15395	73.27%	1.82%	28.57
14	SYD	Sydney	AU	14273	72.54%	1.64%	28.29
15	HAN	Noi Bai	VN	7419	71.30%	3.49%	38.41
16	SUB	Juanda	ID	7264	71.02%	2.21%	28.04
17	TPE	Taiwan Taoyuan (Taipei)	TW	9735	70.37%	2.76%	31.14
18	BKK	Suvarnabhumi	TH	14929	68.67%	3.34%	32.19

19	URC	Urumqi Diwopu	CN	7865	67.37%	7.57%	39.68
20	SGN	Tan Son Nhat	VN	9632	63.25%	3.83%	43.67

Source: VariFlight

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

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

Asia-Pacific----Medium-sized Airports

Miyazaki Airport (KMI) ranks first among medium-sized airports in the Asia-Pacific region with an on-time departure rate of 94.18 percent. And in mainland China, Lijiang Sanyi Airport (LJG) is recognized as twentieth with an on-time performance of 62.14 percent.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	KMI	Miyazaki	JP	2559	94.18%	0.00%	11.87
2	SDJ	Sendai	JP	3044	93.51%	0.16%	11.62
3	KOJ	Kagoshim a	JP	4237	92.20%	0.31%	14.30
4	NGO	Chubu Centrair	JP	5766	88.48%	1.34%	18.72
5	CBR	Canberra	AU	2087	87.89%	0.49%	14.47
6	KHH	Kaohsiung	TW	2404	86.43%	2.51%	20.90
7	PER	Perth	AU	5149	85.49%	1.25%	18.75
8	TSA	Taipei Songshan	TW	2367	85.06%	1.32%	19.92
9	CNX	Chiang Mai	TH	3067	84.86%	2.84%	19.40
10	ADL	Adelaide	AU	3650	84.60%	1.11%	18.99
11	CNS	Cairns	AU	2308	83.35%	1.45%	19.57
12	CHC	Christ Church	NZ	4341	82.22%	1.23%	19.95
13	WLG	Wellingto n	NZ	4165	82.12%	1.52%	21.07
14	PUS	Gimhae	KP	4708	80.66%	0.73%	21.64
15	HKT	Phuket	TH	4502	78.33%	3.78%	26.36
16	PEN	Penang	MY	2379	76.78%	1.98%	22.85
17	BKI	Kota Kinabalu	MY	2826	72.09%	3.28%	29.45
18	CEB	Mactan Cebu	PH	3703	65.64%	5.73%	34.49
19	KNO	Kuala	ID	3548	64.00%	3.69%	33.31

Namu							
20	LJG	Lijiang Sanyi	CN	2563	62.14%	10.85%	46.21

Source: VariFlight

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

Note: Reporting airports are those whose actual departure flights are between 2000 to 6000 in July, 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), Guiyang Longdongbao (KWE) and Dalian Zhoushuizi (DLC) are the best three airports for on-time departure performance (67.37%, 57.24% and 52.96%) 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 International	7865	67.37%	7.57%	39.68
2	KWE	Guiyang Longdongbao	6372	57.24%	12.68%	54.09
3	DLC	Dalian Zhoushuizi	6819	52.96%	14.68%	58.01
4	HAK	Haikou Meilan	6057	52.88%	17.25%	62.60
5	XIY	Xi'an Xianyang	13952	52.21%	14.53%	58.96
6	CGO	Zhengzhou Xinzheng	8369	51.88%	20.39%	69.05
7	SYX	Sanya Phoenix	4640	51.45%	19.73%	71.87
8	NNG	Nanning Wuxu	4657	51.42%	13.99%	59.83
9	LHW	Lanzhou Zhongchuan	5240	50.95%	18.53%	65.56
10	CKG	Chongqing Jiangbei	12109	49.63%	15.77%	62.80
11	CSX	Changsha Huanghua	7783	49.50%	17.08%	64.12
12	WUH	Wuhan Tianhe	7693	49.45%	15.33%	62.04
13	CTU	Chengdu Shuangliu	13717	48.93%	15.33%	64.05
14	HRB	Harbin Taiping	5818	48.93%	19.25%	70.03
15	TNA	Jinan Yaoqiang	5128	47.20%	19.09%	68.63

16	KMG	Kunming Changshui	15099	46.31%	14.65%	64.59
17	CAN	Guangzhou Baiyun	18801	44.65%	17.19%	70.58
18	TSN	Tianjin Binhai	6830	40.65%	30.25%	96.69
19	SHE	Shenyang Taoxian	5430	39.68%	24.92%	84.33
20	TAO	Qingdao Liuting	8085	39.09%	16.93%	69.22
21	SHA	Shanghai Hongqiao	10599	38.95%	21.89%	79.13
22	FOC	Fuzhou Changle	4017	37.93%	23.46%	84.10
23	SZX	Shenzhen Bao'an	13088	36.26%	23.79%	86.88
24	PVG	Shanghai Pudong	19460	35.66%	16.46%	71.40
25	HGH	Hangzhou Xiaoshan	10845	32.34%	27.24%	94.92
26	NKG	Nanjing Lukou	8774	31.76%	28.04%	96.77
27	XMN	Xiamen Gaoqi	8042	31.20%	23.13%	83.92
28	PEK	Beijing Capital	23432	29.84%	25.92%	97.10

Source: VariFlight

Figure 5: China's airports on-time departure performance (airports with a capacity of over 10 million passengers, July, 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), Lijiang Sanyi (LJG) and Xining Caojiapu (XNN), respectively with on-time departure rates of 73.16 percent, 62.14 percent and 58.88 percent.

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	JHG	Jinghong Xishuangbanna Gasa	1325	73.16%	6.90%	32.32
2	LJG	Lijiang Sanyi	2563	62.14%	10.85%	46.21
3	XNN	Xining Caojiapu	3204	58.88%	14.95%	56.12
4	LXA	Lhasa Gonggar	1549	55.77%	16.28%	56.10
5	INC	Yinchuan Hedong	3407	55.09%	16.24%	61.33
6	KWL	Guilin Liangjiang	3076	50.91%	19.62%	67.54
7	SWA	Jieyang Chaoshan	1603	50.91%	17.93%	64.39
8	KHN	Nanchang Changbei	3587	48.15%	18.12%	67.45

9	NAY	Beijing Nanyuan	1778	41.89%	21.68%	74.17
10	YNT	Yantai Penglai	2892	41.27%	19.68%	72.43
11	HFE	Hefei Xinqiao	3393	39.58%	23.57%	80.82
12	TYN	Taiyuan Wusu	4554	38.17%	26.93%	91.57
13	CGQ	Changchun Longjia	3667	37.95%	27.32%	90.96
14	WNZ	Wenzhou Longwan	2943	35.90%	21.80%	79.93
15	NGB	Ningbo Lishe	3080	32.47%	28.20%	96.40
16	ZUH	Zhuhai Jinwan	3024	32.15%	30.36%	99.79
17	JJN	Quanzhou Jinjiang	1831	32.14%	29.38%	96.21
18	HET	Hohhot Baita	5106	30.25%	34.56%	114.40
19	SJW	Shijiazhuang Zhengding	3649	29.69%	34.57%	112.88
20	MIG	Mianyang Nanjiao	1298	27.18%	26.95%	94.23
21	WUX	Wuxi Sunan Shuofang	2315	25.68%	32.43%	106.18

Source: VariFlight

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

Worst-affected airports under extreme weather conditions

In July, Shijiazhuang Zhengding International Airport suffers the most from severe weathers, a record of 107 hours in total. Tianjin Binhai International Airport, Beijing Capital International Airport, Jinan Yaoqiang International Airport and Yantai Penglai International Airport are also being affected for 102 hours, 92 hours, 91 hours and 68 hours respectively.

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	SJW	Shijiazhuang Zhengding	107	29.69%	23.07%	32.21%
2	TSN	Tianjin Binhai	102	40.65%	34.83%	42.84%
3	PEK	Beijing Capital	92	29.84%	28.32%	31.32%
4	TNA	Jinan Yaoqiang	91	47.20%	33.73%	50.76%
5	YNT	Yantai Penglai	68	41.27%	33.12%	43.81%

Source: VariFlight

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

Having years of expertise and incomparable aviation data, VariFlight delivers the industry's most timely and detailed aviation data, reports and forecasts, such as the

normal rate of flight release, fleets, airport operation efficiency and flight route analysis. For more information, please call us at +86 551 65560363 or send us an email: Aviation@VariFlight.com.

Download

July, 2017 Airport On-time Departure Performance

Notes for editors

Period: July 1- July 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: $ATD-STD < 30\text{mins}$

On-time arrival flights: $ATA-STA < 30\text{mins}$

On-time departure rate: $\text{On-time Departure Flights} / \text{Actual Departure Flights} * 100\%$

On-time arrival rate: $\text{On-time Arrival Flights} / \text{Actual Arrival Flights} * 100\%$

Flight on-time release rate: $\text{On-time Departure Flights} / \text{Actual Departure Flights} * 100\%$

Average departure delay time: $\text{Total Departure Delay Time} / \text{Actual Departure Flights}$
(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: $\text{Total Arrival Delay Time} / \text{Actual Arrival Flights}$
(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.