

## Airport On-time Departure Performance (Mar. 2018)

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 March, 2018.

### Global Hubs

Itami Airport (ITM) tops the large airports chart in March with an on-time departure rate of 95.04 percent and an average delay of 13.02 minutes. In mainland China, Urumqi Diwopu International Airport (URC) ranks third in the list.

Ranking	IATACode	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	ITM	Itami	JP	6438	95.04%	0.14%	13.02
2	CTS	New Chitose	JP	7065	93.97%	0.60%	7.94
3	URC	Urumqi Diwopu	CN	7193	90.72%	3.04%	20.66
4	PDX	Portland	US	8404	89.09%	1.17%	15.23
5	ATH	Athens	GR	6547	89.07%	0.79%	17.69
6	DOH	Doha	QA	8253	89.05%	0.66%	18.20
7	LED	Pulkovo	O	6025	88.81%	0.93%	16.23
8	HNL	Honolulu	US	6506	86.46%	0.95%	19.81
9	CCU	Calcutta	O	6461	86.33%	1.65%	17.23
10	HND	Haneda	JP	21196	86.24%	0.40%	20.64

Source: VariFlight

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

Note: Reporting airports are those whose actual departure flights are over 6000 in March, 2018.

### Global Medium-sized Airports

Mohammed V International (CMN) delivers the best on time performance among all medium-sized airports worldwide with 93.61 percent punctuality and an average delay of 7.51 minutes.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	CMN	Mohammed V International	MA	3474	93.61%	0.56%	7.51
2	SDJ	Sendai	JP	2274	92.90%	0.41%	13.14
3	KHH	Kaohsiung	TW, CN	2421	92.67%	0.94%	11.85
4	TSA	Taipei Songshan	TW, CN	2050	92.53%	0.55%	13.81

5	NGO	Nagoya	JP	4670	91.13%	0.75%	15.59
6	SSA	Salvador	BR	2354	91.04%	0.42%	12.69
7	ADL	Adelaide	AU	3363	90.85%	0.37%	14.36
8	OKC	Will Rogers	US	2310	90.60%	1.24%	14.25
9	PNH	Pochentong	KH	2035	90.43%	0.60%	10.75
10	BEY	Beirut	LB	2380	90.30%	0.70%	13.64

Source: VariFlight

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

Note: Reporting airports are those whose actual departure flights are between 2000 to 6000 in March, 2018.

### Asia-Pacific----Major Airports

Itami Airport (ITM) ranks first of all major airports in Asia-Pacific region with an on-time departure rate of 95.04 percent. In mainland China, Urumqi Diwopu International Airport (URC) ranks third (90.72 percent).

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	ITM	Itami	JP	6438	95.04%	0.14%	13.02
2	CTS	New Chitose	JP	7065	93.97%	0.60%	7.94
3	URC	Urumqi Diwopu	CN	7193	90.72%	3.04%	20.66
4	HND	Haneda	JP	21196	86.24%	0.40%	20.64
5	XIY	Xi'an Xianyang	CN	13442	85.00%	2.49%	20.79
6	KIX	Osaka	JP	7620	84.67%	1.48%	20.10
7	CKG	Chongqing Jiangbei	CN	12372	84.57%	2.30%	18.98
8	FUK	Fukuoka	JP	8344	84.33%	1.03%	20.46
9	BNE	Brisbane	AU	8101	84.10%	0.89%	19.45
10	AKL	Auckland	NZ	7215	82.04%	0.66%	20.72
11	KMG	Kunming Changshui	CN	15432	81.95%	1.84%	23.11
12	SHA	Shanghai Hongqiao	CN	11112	79.56%	2.92%	25.04
13	MEL	Melbourne	AU	10216	79.45%	1.32%	22.98
14	CTU	Chengdu Shuangliu	CN	14686	78.37%	1.75%	24.80
15	OKA	Naha	JP	6397	77.95%	0.48%	22.01
16	SYD	Sydney Kingsford Smith	AU	13479	77.95%	0.96%	23.45
17	CSX	Changsha Huanghua	CN	7622	77.54%	3.60%	25.08
18	BKK	Suvarnabhumi	TH	15592	76.56%	1.32%	25.04

19	HRB	Harbin Taiping	CN	6067	76.47%	4.89%	28.31
20	TAO	Qingdao Liuting	CN	7317	75.77%	3.31%	26.42

Source: VariFlight

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

Note: Reporting airports are those whose actual departure flights are over 6000 in March, 2018.

### Asia-Pacific----Medium-sized Airports

Sendai Airport (SDJ) ranks first among medium-sized airports in the Asia-Pacific region with an on-time departure rate of 92.90 percent. In mainland China, Lijiang Sanyi Airport (LJG) is recognized as twelfth with an on-time performance of 86.74 percent.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	SDJ	Sendai	JP	2274	92.90%	0.41%	13.14
2	KHH	Kaohsiung	TW, CN	2421	92.67%	0.94%	11.85
3	TSA	Taipei Songshan	TW, CN	2050	92.53%	0.55%	13.81
4	NGO	Nagoya	JP	4670	91.13%	0.75%	15.59
5	ADL	Adelaide	AU	3363	90.85%	0.37%	14.36
6	PNH	Pochentong	KH	2035	90.43%	0.60%	10.75
7	PER	Perth	AU	4316	90.09%	1.17%	16.59
8	WLG	Wellington	NZ	3622	88.60%	0.18%	14.58
9	PUS	Busan	KR	4788	88.46%	0.54%	17.11
10	CHC	Christchurch	NZ	3234	87.17%	0.30%	16.16
11	CNX	Chiang Mai	TH	3374	87.07%	0.58%	14.25
12	LJG	Lijiang Sanyi	CN	2247	86.74%	1.29%	13.65
13	KOJ	Kagoshima	JP	3217	85.53%	0.33%	18.41
14	INC	Yinchuan Hedong	CN	2970	85.38%	3.52%	19.52
15	DLC	Dalian Zhoushuizi	CN	5774	82.76%	2.55%	19.99
16	LHW	Lanzhou Zhongchuan	CN	4485	82.56%	3.13%	21.11
17	TNA	Jinan Yaoqiang	CN	5110	81.08%	2.51%	21.15
18	GMP	Gimpo	KR	5906	80.94%	3.89%	27.15
19	HKT	Phuket	TH	5141	80.41%	1.63%	19.18
20	HET	Hohhot Baita	CN	4065	79.16%	2.90%	23.50

Source: VariFlight

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

Note: Reporting airports are those whose actual departure flights are between 2000 to 6000 in March, 2018.

## 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.

### On-time departure rate of airports with a capacity over 10 million passengers

Urumqi Diwopu (URC), Xi'an Xianyang (XIY) and Chongqing Jiangbei (CKG) are the best three airports for on-time departure performance (90.72%, 85.00% and 84.57%) 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	7193	90.72%	3.04%	20.66
2	XIY	Xi'an Xianyang	13442	85.00%	2.49%	20.79
3	CKG	Chongqing Jiangbei	12372	84.57%	2.30%	18.98
4	DLC	Dalian Zhoushuizi	5774	82.76%	2.55%	19.99
5	LHW	Lanzhou Zhongchuan	4485	82.56%	3.13%	21.11
6	KMG	Kunming Changshui	15432	81.95%	1.84%	23.11
7	TNA	Jinan Yaoqiang	5110	81.08%	2.51%	21.15
8	SHA	Shanghai Hongqiao	11112	79.56%	2.92%	25.04
9	HET	Hohhot Baita	4065	79.16%	2.90%	23.50
10	TYN	Taiyuan Wusu	4590	78.55%	3.30%	24.55
11	CTU	Chengdu Shuangliu	14686	78.37%	1.75%	24.80
12	CSX	Changsha Huanghua	7622	77.54%	3.60%	25.08
13	HRB	Harbin Taiping	6067	76.47%	4.89%	28.31
14	TAO	Qingdao Liuting	7317	75.77%	3.31%	26.42
15	SZX	Shenzhen Bao'an	14003	74.77%	4.21%	29.13
16	KWE	Guiyang Longdongbao	6769	74.45%	4.96%	29.12
17	HAK	Haikou Meilan	7570	74.38%	3.92%	28.26
18	WUH	Wuhan Tianhe	7756	73.31%	4.46%	29.62
19	PVG	Shanghai Pudong	19293	73.22%	3.97%	31.36
20	CAN	Guangzhou Baiyun	19224	72.96%	3.26%	29.45
21	KHN	Nanchang Changbei	4718	71.75%	5.59%	32.03
22	CGO	Zhengzhou Xinzheng	8792	71.25%	5.39%	31.96
23	PEK	Beijing Capital	25226	71.14%	2.07%	27.53
24	HGH	Hangzhou Xiaoshan	10891	70.77%	4.78%	33.93
25	CGQ	Changchun Longjia	3878	69.57%	6.27%	33.60
26	SYX	Sanya Phoenix	5401	69.19%	5.88%	34.40
27	NKG	Nanjing Lukou	8629	68.86%	5.39%	36.00

28	TSN	Tianjin Binhai	7112	68.61%	7.40%	36.53
29	SHE	Shenyang Taoxian	5642	67.04%	4.45%	33.28
30	XMN	Xiamen Gaoqi	8099	66.72%	5.02%	36.56
31	FOC	Fuzhou Changle	4591	65.76%	5.54%	36.88
32	NNG	Nanning Wuxu	4725	61.19%	8.65%	42.06

Source: VariFlight

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

### On-time departure rate of airports with a capacity of 2 million to 10 million passengers

Regarding airports with a capacity of 2 million to 10 million passengers, the supreme three are Hulun Buir Dongshan (HLD), Kashgar (KHG) and Xining Caojiapu (XNN), respectively with on-time departure rates of 89.02 percent, 88.18 percent and 87.63 percent.

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	HLD	Hulun Buir Dongshan	574	89.02%	2.61%	16.21
2	KHG	Kashgar	694	88.18%	2.74%	17.29
3	XNN	Xining Caojiapu	1832	87.63%	3.17%	16.59
4	DSN	Ordos Ejin Horo	839	86.89%	1.79%	15.70
5	LJG	Lijiang Sanyi	2247	86.74%	1.29%	13.65
6	INC	Yinchuan Hedong	2970	85.38%	3.52%	19.52
7	JHG	Xishuangbanna	1482	85.33%	1.29%	16.16
8	BAV	Baotou Erliban	844	81.96%	4.54%	23.70
9	LXA	Lhasa Kongga	1432	80.50%	4.14%	23.25
10	ZHA	ZhanJiang	958	77.93%	3.35%	23.50
11	KWL	Guilin Liangjiang	2678	74.57%	4.41%	25.83
12	WEH	WeiHai Dashiibo	861	73.17%	2.56%	25.10
13	ZUH	Zhuhai Jinwan	3292	69.60%	5.23%	36.40
14	NAY	Beijing Nanyuan	1852	69.48%	4.00%	27.43
15	NGB	Ningbo Lishe	3316	68.91%	3.42%	28.56
16	YIH	Yichang Sanxia	1021	67.78%	5.58%	31.98
17	YNT	Yantai Penglai	2836	67.15%	3.79%	31.54
18	SJW	Shijiazhuang Zhengding	3724	66.79%	5.99%	34.42
19	HFE	Hefei Xinqiao	3682	64.86%	6.73%	37.14
20	WNZ	Wenzhou Longwan	3435	62.43%	5.25%	36.35
21	SWA	Jieyang Chaoshan	2054	61.96%	5.96%	35.64
22	MIG	Mianyang Nanjiao	1033	59.34%	5.03%	36.57
23	WUX	Sunan Shuofang	2211	59.17%	3.95%	34.32

24	JJN	QUANZHOU JINJIANG	2431	53.00%	10.11%	47.83
25	NTG	Nantong Xingdong	950	48.57%	6.15%	44.44
26	CZX	Changzhou Benniu	1033	46.07%	6.01%	43.60

Source: VariFlight

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

### Worst-affected airports under extreme weather conditions

In March, Wuhan Tianhe International Airport suffers the most from severe weathers, a record of 17 hours in total. Hefei Xinqiao International Airport, Changchun Longjia International Airport, Harbin Taiping International Airport and Zhengzhou Xinzheng International Airport have also been affected for 16 hours, 16 hours, 15 hours and 13 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	17	73.31%	25.63%	75.47%
HFE	Hefei Xinqiao	16	64.86%	30.08%	66.59%
CGQ	Changchun Longjia	16	69.57%	32.87%	71.86%
HRB	Harbin Taiping	15	76.47%	12.11%	79.38%
CGO	Zhengzhou Xinzheng	13	71.25%	41.63%	72.72%

Source: VariFlight

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

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](mailto:Aviation@VariFlight.com).

### Download

March, 2018 Airport On-time Departure Performance

### Notes for editors

**Period:** Mar 1- Mar 31, 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:**  $ATD-STD < 30\text{mins}$

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

**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.