

Airport On-time Departure Performance (Apr. 2018, by VariFlight)

URC Ascends in World's TOP10 Best Airports

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 April, 2018.

- New Chitose (CTS) tops the global airports chart in April increasing by 3.45% in on-time arrival rate (compared to the prior March), with an average departure delay of 4.13 minutes.
- Urumqi Diwopu (URC) ascends in world's TOP10 best airports in April for on-time departure performance.
- Urumqi Diwopu (URC), Xi'an Xianyang (XIY) and Chongqing Jiangbei (CKG) are the TOP3 airports for punctuality in April among airports with a capacity of over 10 million passengers in mainland China.
- China's airports suffer less from severe weathers obviously in April, among which Hangzhou Xiaoshan (HGH), Shijiazhuang Zhengding (SJW), Beijing Capital (PEK) and Ningbo Lishe (NGB) are affected the most.

Global Hubs

URC Ascends in World's TOP10 Best Airports

New Chitose (CTS) tops the large airports chart in April with an on-time departure rate of 97.42 percent and an average delay of 4.13 minutes. In mainland China, Urumqi Diwopu (URC) ranks eighth on the list, ascending in world's TOP10 best airports for the second time since March.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	CTS	New Chitose	JP	6587	97.42%	0.16%	4.13
2	SVO	Sheremetyevo	RU	13051	91.80%	0.76%	17.29
3	HND	Haneda	JP	20649	89.80%	0.22%	18.03
4	FUK	Fukuoka	JP	7923	89.36%	0.32%	16.96
5	CGH	Congonhas	BR	7416	88.70%	0.19%	15.68
6	ATH	Athens	GR	7414	88.57%	0.75%	17.67
7	PDX	Portland	US	7417	88.56%	1.22%	15.71

8	URC	Urumqi Diwopu	CN	7223	88.54%	1.60%	14.67
9	OSL	Oslo	NO	10510	88.33%	0.34%	15.99
10	DME	Domodedovo	RU	9015	88.32%	0.67%	17.43

Source: VariFlight

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

Global Medium-sized Airports

TOP3 Airports Fall in Japan

The three best airports on April's on-time departure performance list are all in Japan, among which Itami ranks first with a punctuality of 97.47 percent and an average delay of 10.55 minutes.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	ITM	Itami	JP	5883	97.47%	0.04%	10.55
2	SDJ	Sendai	JP	2085	96.06%	0.79%	11.06
3	NGO	Nagoya	JP	4168	93.69%	0.37%	14.08
4	TSA	Taipei Songshan	TW	2295	92.88%	0.44%	13.45
5	KHH	Kaohsiung	TW	2473	92.85%	0.58%	11.46
6	BMA	Stockholm-Bromma	SE	2062	92.53%	0.19%	12.96
7	POA	Porto Alegre	BR	2728	92.47%	0.29%	11.88
8	CMN	Mohammed V International	MA	3554	92.29%	2.05%	12.16
9	OVB	Novosibirsk Tolmachevo	RU	2021	92.16%	0.81%	12.91
10	TRD	Trondheim	NO	2101	91.83%	0.15%	11.16

Source: VariFlight

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

Asia-Pacific---Major Airports

Chinese Airports Account Half of the TOP20 List

New Chitose (CTS) is delivered the first of all major airports in Asia-Pacific region. In mainland China, nine airports are in the rank, accounting half of the TOP20 list, among which Urumqi Diwopu (URC) ranks fourth (88.54 percent).

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	CTS	New Chitose	JP	6587	97.42%	0.16%	4.13
2	HND	Haneda	JP	20649	89.80%	0.22%	18.03

3	FUK	Fukuoka	JP	7923	89.36%	0.32%	16.96
4	URC	Urumqi Diwopu	CN	7223	88.54%	1.60%	14.67
5	KIX	Osaka	JP	7234	87.73%	0.91%	18.35
6	BNE	Brisbane	AU	7796	85.11%	1.02%	19.58
7	GMP	Gimpo	KR	6013	82.75%	0.74%	22.47
8	XIY	Xi'an Xianyang	CN	13388	82.49%	3.05%	22.97
9	CKG	Chongqing Jiangbei	CN	11826	80.20%	4.11%	23.94
10	SHA	Shanghai Hongqiao	CN	11074	79.33%	2.85%	25.25
11	CTU	Chengdu Shuangliu	CN	13926	78.96%	3.48%	26.67
12	KMG	Kunming Changshui	CN	15028	78.64%	3.09%	26.51
13	MEL	Melbourne	AU	9914	78.01%	1.39%	23.64
14	WUH	Wuhan Tianhe	CN	7305	77.54%	4.05%	27.29
15	DLC	Dalian Zhoushuizi	CN	6021	77.06%	4.37%	28.09
16	AKL	Auckland	NZ	6672	76.67%	1.98%	25.64
17	SIN	Singapore Changi	SG	15353	76.34%	0.98%	26.07
18	HAN	Noi Bai	VN	6662	76.26%	1.60%	27.68
19	SYD	Sydney Kingsford Smith	AU	12994	76.20%	1.15%	24.96
20	HAK	Haikou Meilan	CN	6307	75.92%	4.69%	28.10

Source: VariFlight

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

Asia-Pacific---Medium-sized Airports

LJG Ranks First in China

In April, Japanese airports still go ahead in the TOP20 medium-sized airports for best on-time departure performance in Asia-Pacific, among which Itami (ITM) ranks first with a punctuality of 97.47 percent. In mainland China, Lijiang Sanyi (LJG) is recognized as thirteenth with an on-time performance of 84.79 percent.

Ranking	IATA Code	Airports	Country	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	ITM	Itami	JP	5883	97.47%	0.04%	10.55
2	SDJ	Sendai	JP	2085	96.06%	0.79%	11.06
3	NGO	Nagoya	JP	4168	93.69%	0.37%	14.08
4	TSA	Taipei Songshan	TW	2295	92.88%	0.44%	13.45

5	KHH	Kaohsiung	TW	2473	92.85%	0.58%	11.46
6	CNS	Cairns	AU	2007	90.38%	1.06%	14.49
7	KOJ	Kagoshima	JP	3061	90.07%	0.34%	14.97
8	PER	Perth	AU	4005	89.04%	0.99%	17.35
9	ADL	Adelaide	AU	3179	87.54%	0.91%	16.56
10	CNX	Chiang Mai	TH	3010	86.80%	0.75%	14.40
11	CHC	Christchurch	NZ	2837	85.96%	0.81%	18.12
12	PUS	Busan	KR	4619	85.04%	0.37%	18.75
13	LJG	Lijiang Sanyi	CN	2211	84.79%	2.13%	15.99
14	WLG	Wellington	NZ	3316	84.75%	1.41%	18.41
15	XNN	Xining Caojiapu	CN	2400	84.31%	3.34%	18.61
16	OKA	Naha	JP	5830	83.41%	0.33%	19.01
17	INC	Yinchuan Hedong	CN	3162	80.59%	2.92%	22.33
18	LHW	Lanzhou Zhongchuan	CN	4561	78.33%	3.51%	23.67
19	HKT	Phuket	TH	4986	77.18%	1.62%	22.28
20	BPN	Balikpapan	ID	2367	77.12%	2.14%	21.55

Source: VariFlight

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

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

URC Tops the List

Urumqi Diwopu (URC), Xi'an Xianyang (XIY) and Chongqing Jiangbei (CKG) are the best three airports for on-time departure performance among airports with a capacity of over 10 million passengers in mainland China. Compared with March, punctualities in Nanning Wuxu (NNG), Sanya Phoenix (SYX) and Zhengzhou Xinzheng (CGO) rise gradually in April, respectively are 9.30 percent, 4.51 percent and 4.43 percent.

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	URC	Urumqi Diwopu	7223	88.54%	1.60%	14.67
2	XIY	Xi'an Xianyang	13388	82.49%	3.05%	22.97
3	CKG	Chongqing Jiangbei	11826	80.20%	4.11%	23.94
4	SHA	Shanghai Hongqiao	11074	79.33%	2.85%	25.25
5	CTU	Chengdu Shuangliu	13926	78.96%	3.48%	26.67
6	KMG	Kunming Changshui	15028	78.64%	3.09%	26.51
7	LHW	Lanzhou Zhongchuan	4561	78.33%	3.51%	23.67
8	WUH	Wuhan Tianhe	7305	77.54%	4.05%	27.29
9	DLC	Dalian Zhoushuizi	6021	77.06%	4.37%	28.09
10	HAK	Haikou Meilan	6307	75.92%	4.69%	28.10
11	HRB	Harbin Taiping	5854	75.72%	3.87%	26.38
12	CGO	Zhengzhou Xinzheng	8073	75.68%	4.65%	28.70
13	KHN	Nanchang Changbei	4016	75.12%	4.49%	28.89
14	SYX	Sanya Phoenix	4665	73.70%	5.91%	30.47
15	TNA	Jinan Yaoqiang	4990	71.16%	4.80%	30.29
16	KWE	Guiyang Longdongbao	6176	71.06%	5.32%	30.78
17	CGQ	Changchun Longjia	3647	71.06%	5.77%	31.76
18	PVG	Shanghai Pudong	19133	70.70%	2.78%	29.96
19	CSX	Changsha Huanghua	7471	70.61%	6.17%	34.07
20	SZX	Shenzhen Bao'an	13388	70.52%	6.50%	36.57
21	NNG	Nanning Wuxu	4405	70.49%	3.99%	28.90
22	TYN	Taiyuan Wusu	4207	70.35%	9.33%	46.06
23	HET	Hohhot Baita	4511	69.11%	6.36%	36.64
24	TSN	Tianjin Binhai	6838	68.21%	7.99%	39.31
25	CAN	Guangzhou Baiyun	18485	68.18%	4.73%	34.64
26	TAO	Qingdao Liuting	7492	67.74%	4.34%	32.48
27	HGH	Hangzhou Xiaoshan	10796	67.24%	5.08%	35.82
28	XMN	Xiamen Gaoqi	7799	66.61%	3.52%	33.11
29	SHE	Shenyang Taoxian	5364	65.25%	5.95%	37.76

30	FOC	Fuzhou Changle	4451	64.68%	5.07%	35.75
31	NKG	Nanjing Lukou	8566	63.90%	5.47%	39.11
32	PEK	Beijing Capital	24281	62.94%	4.14%	35.26

Source: VariFlight

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

Mainland China---Airports with a Capacity of over 2 Million Passengers

KHG Tops the List

Regarding airports with a capacity of 2 million to 10 million passengers, the supreme three are Kashgar (KHG), Hulun Buir Dongshan (HLD) and Lijiang Sany (LJG), respectively with on-time departure rates of 89.09 percent, 87.03 percent and 84.79 percent. Compared with March, punctualities in Quanzhou Jinjiang (JJN), Jieyang Chaoshan (SWA) and Zhanjiang (ZHA) rise rapidly in April, respectively are 7.06 percent, 6.73 percent and 4.32 percent.

Ranking	IATA Code	Airports	Flight Departures	On-time Departure Performance	Delay Over 2h	Average Departure Delay (minutes)
1	KHG	Kashgar	652	89.09%	0.77%	12.07
2	HLD	Hulun Buir Dongshan	732	87.03%	4.18%	18.50
3	LJG	Lijiang Sanyi	2211	84.79%	2.13%	15.99
4	XNN	Xining Caojiapu	2400	84.31%	3.34%	18.61
5	ZHA	Zhanjiang	952	82.25%	3.26%	19.99
6	JHG	Xishuangbanna	1409	82.19%	3.00%	19.54
7	INC	Yinchuan Hedong	3162	80.59%	2.92%	22.33
8	DSN	Ordos	915	79.87%	5.09%	27.78
9	LXA	Lhasa Kongga	1638	76.34%	4.00%	24.95
10	YIH	Yichang Sanxia	864	71.96%	5.79%	31.44
11	BAV	Baotou Erliban	591	71.82%	6.45%	34.01
12	KWL	Guilin Liangjiang	3090	69.25%	7.30%	34.65
13	SWA	Jieyang Chaoshan	2061	68.69%	5.44%	31.63
14	ZUH	Zhuhai Jinwan	3383	67.92%	7.66%	37.20
15	HFE	Hefei Xinqiao	3354	67.19%	5.42%	33.91
16	NGB	Ningbo Lishe	3452	63.74%	5.03%	35.56
17	NAY	Beijing Nanyuan	1814	63.17%	8.12%	39.48
18	SJW	Shijiazhuang Zhengding	3489	62.85%	8.35%	43.33
19	WEH	WeiHai	800	62.59%	3.53%	32.52
20	WNZ	Wenzhou Longwan	3382	61.35%	6.02%	36.88
21	JJN	Quanzhou Jinjiang	2391	60.06%	5.56%	36.70
22	WUX	Sunan Shuofang	2257	59.60%	5.15%	36.65

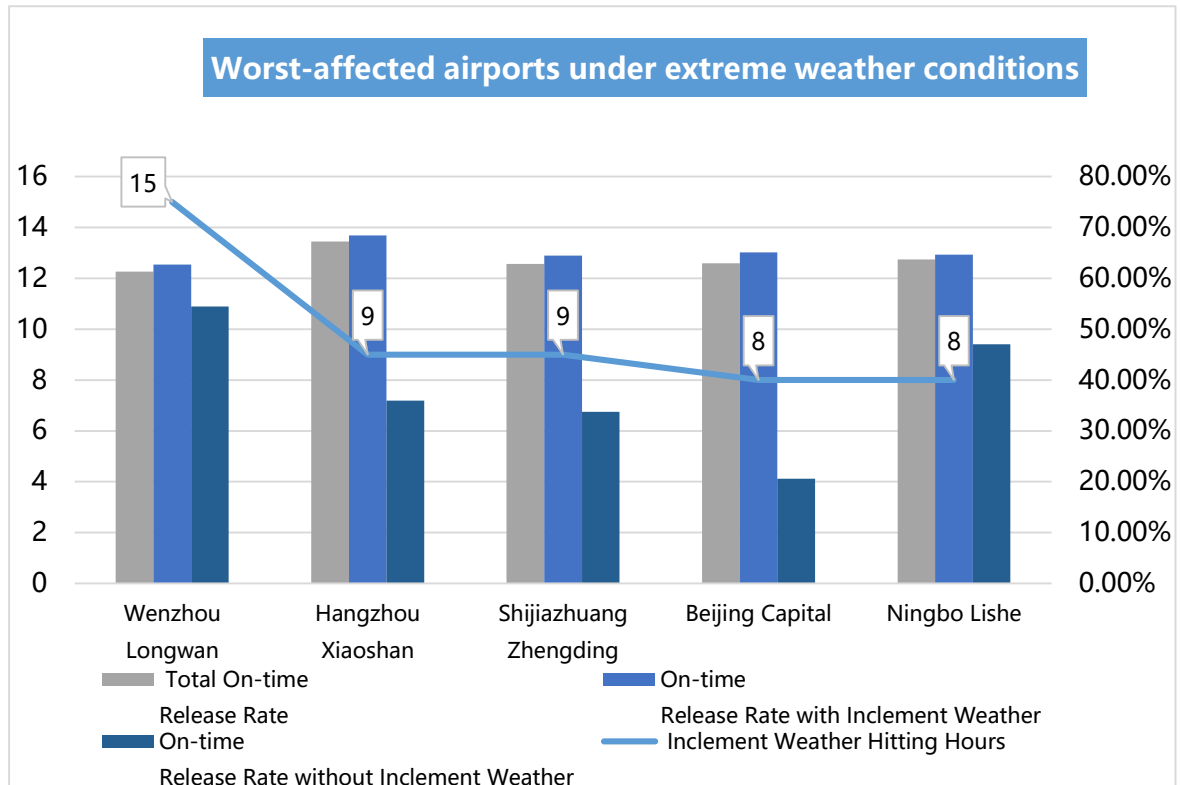
23	YNT	Yantai Penglai	3140	54.98%	7.43%	43.44
24	NTG	Nantong Xingdong	1047	46.42%	5.73%	46.47
25	CZX	Changzhou Benniu	1093	44.00%	6.05%	45.87
26	MIG	Mianyang Nanjiao	1459	41.84%	9.67%	53.54

Source: VariFlight

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

Worst-affected Airports under Extreme Weather Conditions WNZ Suffers the Most from Severe Weathers

In April, airports affected less by severe weathers, among which Wenzhou Longwan (WNZ) suffers the most with a record of 15 hours. Hangzhou Xiaoshan (HGH), Shijiazhuang Zhengding (SJW), Beijing Capital (PEK) and Ningbo Lishe (NGB) have also been affected for 9 hours, 9 hours, 8 hours and 8 hours respectively.



Source: VariFlight

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

Notes for editors

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

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.)