

Airline On-time Arrival Performance (Nov 2018, by VariFlight)

SC Retains top spot among China's Major Airlines in APAC OTP Chart for five consecutive months

Powered by VariFlight incomparable aviation database, the monthly report of Airline On-time Arrival Performance provides an overview of how global airlines perform in November, 2018.

In November, Japan Airlines retains the top spot in the global OTP chart. A total of 382,000 aircraft movements are handled by Chinese airlines, showing an increase of 6.99 percent year-over-year.

- Japan Airlines ranks first in the global OTP chart with 3.44 minutes of average departure delay.
- Shandong Airlines retains the top spot among China's major airlines in APAC OTP chart for five consecutive months with an on-time arrival rate of 93.92 percent.
- Among ten major Chinese airlines, Shandong Airlines moves into first place again, showing the most rapid YoY growth in OTP.
- Taking a look at the TOP10 domestic popular routes, SHA-PEK route tops the OTP chart carried by Shanghai Airlines.

Global Big Airlines

JL Tops Global Big Airlines

In November, Japan Airlines tops the global big airlines chart again with an on-time arrival rate of 97.64 percent and 3.44 minutes of average arrival delay, followed by All Nippon Airways and Royal Dutch Airlines.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	JL	Japan Airlines	JP	24737	97.64%	3.44
2	NH	All Nippon Airways	JP	36103	97.18%	3.75
3	KL	Royal Dutch Airlines	NL	20351	96.75%	3.88
4	PC	Pegasus Airlines	TR	13864	96.20%	5.24
5	EK	Emirates Airlines	AE	15538	96.11%	4.78
6	QR	Qatar Airways	QA	16280	95.91%	4.76

7	SU	Aeroflot-Russian Airlines	RU	29242	95.28%	7.54
8	KE	Korean Air	KR	12293	95.18%	5.81
9	IB	Iberia Airlines	ES	17179	94.83%	5.94
10	TK	Turkish Airlines	TR	36797	94.38%	6.36

Source: VariFlight

Figure 1: World's TOP10 best airlines for on-time arrivals (Big airlines, November, 2018)

Global Medium-Sized Airlines

HA Tops Global Medium-Sized Airlines

In November, Copa Airlines delivers the best OTP among all medium-sized airlines worldwide with 97.55 percent punctuality and 3.36 minutes of average arrival delay, followed by Hawaiian Airlines and Finnair.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	CM	COPA	PA	10028	97.55%	3.36
2	HA	Hawaiian Airlines	US	8088	97.32%	3.97
3	AY	Finnair	FI	10176	96.01%	5.39
4	G8	GoAir India	IN	6635	94.94%	5.56
5	FD	Thai AirAsia	TH	11368	94.86%	5.83
6	UT	UTair Aviation	RU	6035	94.74%	7.18
7	LX	Swiss International Air Lines	CH	11330	94.66%	5.80
8	TG	Thai Airways International	TH	6187	94.35%	7.00
9	SQ	Singapore Airlines	SG	7317	93.93%	6.70
10	S7	S7 Airlines	RU	9817	93.87%	7.61

Source: VariFlight

Figure 2: World's TOP10 best airlines for on-time arrivals (Medium-sized airlines, November, 2018)

APAC Major Airlines

SC Tops Major Airlines in Mainland China

In November, Japan Airlines ranks first among all major airlines in Asia-Pacific region with an on-time arrival rate of 97.64 percent. In mainland China, Shandong Airlines retains the most punctual major airlines for five consecutive months with an on-time arrival rate of 93.92 percent, leading a MoM growth of 0.65 percent and rising from sixth to fourth in the APAC list.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	JL	Japan Airlines	JP	24737	97.64%	3.44

2	NH	All Nippon Airways	JP	36103	97.18%	3.75
3	KE	Korean Air	KR	12293	95.18%	5.81
4	SC	Shandong Airlines	CN	16608	93.92%	6.32
5	GA	Garuda Indonesia	ID	17972	93.87%	7.28
6	NZ	Air New Zealand	NZ	15918	90.65%	9.73
7	CA	Air China	CN	39589	90.38%	10.57
8	CZ	China Southern Airlines	CN	62253	89.96%	11.56
9	MU	China Eastern Airlines	CN	62864	89.69%	11.10
10	VA	Virgin Australia	AU	14000	89.58%	11.45
11	3U	Sichuan Airlines	CN	17078	87.54%	14.65
12	HU	Hainan Airlines	CN	22538	87.46%	13.30
13	MF	Xiamen Airlines	CN	18130	86.57%	13.12
14	QF	Qantas Airways	AU	22284	85.99%	14.85
15	ZH	Shenzhen Airlines	CN	20117	85.71%	14.46
16	AK	AirAsia	MY	18193	81.08%	18.77
17	JT	Lion Air	ID	18346	67.93%	29.28

Source: VariFlight

Figure 3: Best airlines in Asia-Pacific region for on-time arrivals (Major airlines, November, 2018)

APAC Medium-Sized Airlines

9C Becomes China's Most Punctual Medium-Sized Airlines Again

In November, Thai AirAsia and Thai Airways International rank first and second among the medium-sized airlines in the Asia-Pacific region. Singapore Airlines drops down to third from first. With an on-time arrival rate of 91.08 percent, Spring Airlines becomes China's most punctual medium-sized airlines again, despite a slight MoM decline in the APAC list.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	FD	Thai AirAsia	TH	11368	94.86%	5.83
2	TG	Thai Airways International	TH	6187	94.35%	7.00
3	SQ	Singapore Airlines	SG	7317	93.93%	6.70
4	VN	Vietnam Airlines	VN	10473	92.68%	9.50
5	9C	Spring Airlines	CN	10203	91.80%	10.00
6	OZ	Asiana Airlines	KR	7959	91.78%	11.55
7	7C	Jeju Air	KR	6267	91.50%	9.49
8	HO	Juneyao Airlines	CN	8768	91.47%	9.62
9	G5	China Express Airlines	CN	8311	91.01%	11.01

10	CX	Cathay Pacific	HK	7961	91.01%	10.12
11	FM	Shanghai Airlines	CN	10519	90.80%	9.20
12	GS	Tianjin Airlines	CN	10363	89.48%	12.80
13	8L	Lucky Air	CN	6374	87.98%	14.05
14	ID	Batik Air	ID	10138	87.56%	10.98
15	PR	Philippine Airlines	PH	9150	87.54%	11.70
16	JD	Beijing Capital Airlines	CN	8012	86.24%	14.73
17	QG	Citilink Indonesia	ID	8243	84.65%	14.97
18	JQ	Jetstar Airways	AU	10055	82.00%	19.45
19	5J	Cebu Pacific Air	PH	8449	76.81%	22.45
20	VJ	VietJet Air	VN	8255	76.72%	21.38

Source: VariFlight

Figure 4: Best airlines in Asia-Pacific region for on-time arrivals (Medium-sized airlines, November, 2018)

Mainland China - Ten Major Airlines

SC Tops the OTP Chart, Showing the Most Rapid YoY in OTP

In November, among ten major Chinese airlines, Shandong Airlines dominates on-time performance rankings with an on-time arrival rate of 93.92 percent. Compared with last year, Shandong Airlines posts the fastest YoY growth of 6.03 percent, followed by Tianjin Airlines of 2.18 percent and Xiamen Airlines of 1.99 percent.

Ranking	IATA Code	Major Airlines	Flight Arrivals	On-time Arrival Performance	YoY	Average Arrival Delay (minutes)
1	SC	Shandong Airlines	16608	93.92%	6.03%	6.32
2	FM	Shanghai Airlines	10519	90.80%	-0.09%	9.20
3	CA	Air China	39589	90.38%	1.61%	10.57
4	CZ	China Southern Airlines	62253	89.96%	-0.55%	11.56
5	MU	China Eastern Airlines	62864	89.69%	-1.19%	11.10
6	GS	Tianjin Airlines	10363	89.48%	2.18%	12.80
7	3U	Sichuan Airlines	17078	87.54%	0.06%	14.65
8	HU	Hainan Airlines	22538	87.46%	-1.62%	13.30
9	MF	Xiamen Airlines	18130	86.57%	1.99%	13.12
10	ZH	Shenzhen Airlines	20117	85.71%	-1.22%	14.46

Source: VariFlight

Figure 5: Best Chinese major airlines for on-time arrivals (December, 2018)

Mainland China - Regional Airlines

CN Becomes the Most Punctual Regional Airlines in Mainland China

NS Shows the Most Rapid YoY Increase

In December, Grand China Air surpasses Jiangxi Airlines to top the OTP chart among all regional airlines with an on-time arrival rate of 96.73 percent and average arrival

delay of 3.89 minutes. Compared with last year, Hebei Airlines enjoys the most rapid increase in OTP of 14.01 percent, followed by Okay Airways (11.67 percent) and Guangxi Beibu Gulf Airlines (9.65 percent).

Ranking	IATA Code	Regional Airlines	Flight Arrivals	On-time Arrival Performance	YoY	Average Arrival Delay (minutes)
1	CN	Grand China Air	336	96.73%	3.05%	3.89
2	RY	Jiangxi Airlines	1161	93.27%	-0.28%	7.59
3	GX	Guangxi Beibu Gulf Airlines	2920	92.00%	9.65%	9.16
4	DR	Ruili Airlines	2664	92.00%	5.31%	9.31
5	9C	Spring Airlines	10203	91.80%	-0.54%	10.00
6	HO	Juneyao Airlines	8768	91.47%	-3.00%	9.62
7	G5	China Express Airlines	8311	91.01%	2.29%	11.01
8	Y8	Suparna Airlines	1339	90.74%	0.51%	10.49
9	OQ	Chongqing Airlines	2598	90.13%	-0.05%	11.12
10	KY	Kunming Airlines	3277	90.02%	0.43%	11.42
11	BK	Okay Airways	2690	89.36%	11.67%	12.88
12	TV	Tibet Airlines	3309	89.28%	2.12%	13.57
13	DZ	Donghai Airlines	2810	89.27%	-3.44%	12.25
14	JR	Joy Air	2593	89.18%	-1.13%	14.28
15	UQ	Urumqi Air	1557	89.13%	-2.52%	15.78
16	QW	Qingdao Airlines	2185	88.76%	2.69%	11.18
17	GT	Air Guilin	1239	88.69%	-3.24%	17.41
18	9H	Chang'an Airlines	1628	88.51%	-2.33%	14.25
19	A6	Hongtu Airlines	665	88.26%	-2.62%	9.44
20	8L	Lucky Air	6374	87.98%	1.57%	14.05
21	NS	Hebei Airlines	3041	87.39%	14.01%	14.61
22	FU	Fuzhou Airlines	2194	87.27%	5.74%	15.05
23	PN	China West Air	4232	86.85%	3.87%	15.07
24	JD	Beijing Capital Airlines	8012	86.24%	-2.85%	14.73
25	EU	Chengdu Airlines	4907	84.48%	3.65%	18.92
26	LT	LongJiang Airlines	124	83.87%	-6.13%	31.48
27	AQ	9 Air	2510	83.81%	-9.18%	19.95
28	GJ	Loong Air	4648	83.25%	-6.09%	19.68
29	GY	Colorful Guizhou Airlines	1324	81.64%	-5.92%	21.33
30	KN	China United Airlines	4919	80.02%	3.24%	18.23

Source: VariFlight

Figure 6: Best regional Chinese airlines for on-time arrivals (December, 2018)

Mainland China - TOP10 Hot Routes

SHA-PEK Route Run by Shanghai Airlines Tops OTP Chart

Among the TOP10 domestic popular routes the most punctual one is SHA-PEK route, the only route with OTP of more than 90 percent, operated by Shanghai Airlines. The PEK-SZX route just has OTP of less than 60 percent.

Ranking	Popular Routes	Flights	On-time Departure Performance	Most Punctual Airlines
1	SHA-PEK	1258	90.62%	Shanghai Airlines
2	SHA-CAN	1085	89.68%	China Eastern Airlines
3	SHA-SZX	1233	80.54%	Shanghai Airlines
4	CAN-SHA	1084	78.87%	Juneyao Airlines
5	CTU-PEK	1032	78.20%	China Eastern Airlines
6	PEK-SHA	1262	74.86%	Juneyao Airlines
7	SZX-SHA	1230	74.80%	Spring Airlines
8	PEK-CTU	1032	73.74%	China Eastern Airlines
9	SZX-PEK	989	66.03%	Shenzhen Airlines
10	PEK-SZX	988	59.31%	China Southern Airlines

Source: VariFlight

Figure 7: Top 10 hot routes in Mainland China for OTP (December, 2018)

Notes for editors

Period: Nov 1- Nov 30, 2018

Flights: Commercial 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.

Big Airlines: Airlines with over 400 daily actual arrival flights.

Medium-sized Airlines: Airlines with 200 to 400 daily actual arrival flights.

On-time departure flights: $ATD-STD < 30\text{mins}$

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

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

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

Average departure delay: $\text{Total Departure Delay} / \text{Actual Departure Flights}$

(Departure delay 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: $\text{Total Arrival Delay} / \text{Actual Arrival Flights}$

(Arrival delay of a single flight: ATA-STA. If a flight arrives ahead of the schedule time of arrival, then the result is zero.)