

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

SC Tops China's Major Airlines in APAC OTP Chart

MF Shows the Most Rapid YoY Growth

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

In September, Aeroflot-Russian Airlines tops the global OTP chart again. A total of 381,000 aircraft movements were handled by Chinese airlines, showing an increase of 4.6 percent year-over-year.

- Aeroflot-Russian Airlines takes the top spot in the global OTP chart for three consecutive months.
- Shandong Airlines moves into the first place for punctuality among Chinese airlines in APAC with an on-time arrival rate of 89.22 percent.
- Among ten major Chinese airlines, Shandong Airlines surpasses Tianjin Airlines to top the OTP list; Xiamen Airlines shows the most rapid YoY growth in OTP.
- Taking a look at the TOP10 domestic popular routes, SHA-CAN route demonstrates the fastest growth, improving 23.14 percent compared with that in August.

Global Big Airlines

SU Tops Global Big Airlines

Aeroflot-Russian Airlines tops the global big airlines chart in September with an on-time arrival rate of 96.28 percent and 5.06 minutes of average arrival delay, followed by All Nippon Airways and Japan Airlines.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	SU	Aeroflot-Russian Airlines	RU	30826	96.28%	5.06
2	NH	All Nippon Airways	JP	34965	96.20%	5.60
3	JL	Japan Airlines	JP	23778	96.09%	6.58
4	EK	Emirates Airlines	AE	16042	95.90%	5.68

5	QR	Qatar Airways	QA	15142	95.83%	5.70
6	KE	Korean Air	KR	12574	95.50%	5.95
7	LA	LATAM Airlines	CL	37535	94.89%	5.97
8	6E	IndiGo Airlines	IN	37832	94.83%	5.33
9	NZ	Air New Zealand	NZ	15077	94.70%	6.51
10	AZ	Alitalia Airlines	IT	17415	94.09%	6.12

Source: VariFlight

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

Global Medium-Sized Airlines

HA Tops Global Medium-Sized Airlines

In September, Hawaiian Airlines delivers the best OTP among all medium-sized airlines worldwide with 97.24 percent punctuality, followed by Copa Airlines; Avianca performs best in average delay (3.95 minutes).

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	HA	Hawaiian Airlines	US	8149	97.24%	5.23
2	CM	COPA	PA	10086	96.41%	4.00
3	O6	Avianca	BR	8009	96.18%	3.95
4	SQ	Singapore Airlines	SG	7195	95.73%	5.27
5	AY	Finnair	FI	11172	95.61%	6.05
6	EY	Etihad Airways	AE	7805	94.74%	5.92
7	TG	Thai Airways International	TH	6198	94.61%	6.87
8	AT	Royal Air Maroc	MA	6196	93.98%	6.00
9	UT	UTair Aviation	RU	7697	93.57%	8.01
10	9K	Cape Air	US	8426	93.53%	7.06

Source: VariFlight

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

APAC Major Airlines

SC Tops Major Airlines in Mainland China

All Nippon Airways ranks first among all major airlines in Asia-Pacific region with 96.20 percent of flights arriving on time. In mainland China, Shandong Airlines retains the most punctual major airlines for three consecutive months with an on-time arrival rate of 89.22 percent, leading a MoM growth of 9.84 percent and rising from tenth to eighth in the APAC list.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
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1	NH	All Nippon Airways	JP	34965	96.20%	5.60
2	JL	Japan Airlines	JP	23778	96.09%	6.58
3	KE	Korean Air	KR	12574	95.50%	5.95
4	NZ	Air New Zealand	NZ	15077	94.70%	6.51
5	GA	Garuda Indonesia	ID	17504	94.07%	6.33
6	VA	Virgin Australia	AU	13815	93.58%	7.70
7	QF	Qantas Airways	AU	21895	93.49%	7.63
8	SC	Shandong Airlines	CN	17499	89.22%	10.77
9	AK	AirAsia	MY	17693	88.23%	11.74
10	CA	Air China	CN	39224	87.14%	14.02
11	CZ	China Southern Airlines	CN	62515	86.88%	14.39
12	HU	Hainan Airlines	CN	23139	86.51%	14.25
13	MU	China Eastern Airlines	CN	61518	86.09%	14.96
14	MF	Xiamen Airlines	CN	18395	84.82%	15.08
15	3U	Sichuan Airlines	CN	17268	84.65%	15.82
16	ZH	Shenzhen Airlines	CN	19956	82.34%	17.90
17	JT	Lion Air	ID	19247	70.75%	25.27

Source: VariFlight

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

APAC Medium-Sized Airlines

G5 Becomes China's Most Punctual Medium-Sized Airlines

In September, Singapore Airlines tops the medium-sized airlines in the Asia-Pacific region with an on-time arrival performance of 95.73 percent and an average delay of 5.27 minutes. With an on-time arrival rate of 90.92 percent, China Express Airlines climbs from number nine to seven, being the most punctual medium-sized airlines in mainland China for three consecutive months.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival (minutes)	Delay
1	SQ	Singapore Airlines	SG	7195	95.73%	5.27	
2	TG	Thai Airways International	TH	6198	94.61%	6.87	
3	FD	Thai AirAsia	TH	11091	92.49%	7.00	
4	VN	Vietnam Airlines	VN	10413	91.98%	34.69	
5	OZ	Asiana Airlines	KR	8172	91.53%	9.37	
6	ID	Batik Air	ID	10490	91.44%	8.36	
7	G5	China Express Airlines	CN	7135	90.92%	10.79	

8	CX	Cathay Pacific	HK	7491	89.54%	13.60
9	9C	Spring Airlines	CN	10436	89.30%	11.82
10	GS	Tianjin Airlines	CN	10331	89.21%	11.69
11	QG	Citilink Indonesia	ID	8862	88.39%	10.09
12	JQ	Jetstar Airways	AU	10592	87.75%	12.11
13	HO	Juneyao Airlines	CN	8672	87.16%	14.21
14	FM	Shanghai Airlines	CN	10350	86.20%	14.27
15	JD	Beijing Capital Airlines	CN	7915	84.10%	17.15
16	8L	Lucky Air	CN	6676	81.47%	21.07

Source: VariFlight

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

Mainland China - Ten Major Airlines

SC Surpasses GS to Top the OTP Chart, MF Shows the Most Rapid YoY in OTP

Among ten major Chinese airlines, Shandong Airlines surpasses Tianjin Airlines to dominate on-time performance rankings with an on-time arrival rate of 89.22 percent. Compared with last year, Xiamen Airlines posts the fastest YoY growth of 12.30 percent, followed by Shenzhen Airlines of 11.48 percent and Shandong Airlines of 10.95 percent.

Ranking	IATA Code	Major Airlines	Flight Arrivals	On-time Arrival Performance	YoY	Average Arrival Delay (minutes)
1	SC	Shandong Airlines	17499	89.22%	10.95%	10.77
2	GS	Tianjin Airlines	10331	89.21%	6.51%	11.69
3	CA	Air China	39224	87.14%	3.86%	14.02
4	CZ	China Southern Airlines	62515	86.88%	5.56%	14.39
5	HU	Hainan Airlines	23139	86.51%	7.59%	14.25
6	FM	Shanghai Airlines	10350	86.20%	7.31%	14.27
7	MU	China Eastern Airlines	61518	86.09%	4.42%	14.96
8	MF	Xiamen Airlines	18395	84.82%	12.30%	15.08
9	3U	Sichuan Airlines	17268	84.65%	6.71%	15.82
10	ZH	Shenzhen Airlines	19956	82.34%	11.48%	17.90

Source: VariFlight

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

Mainland China - Regional Airlines

GY Becomes the Most Punctual Regional Airlines in Mainland China

GX Shows the Most Rapid YoY Increase

Jiangxi Airlines ranks first among all regional airlines with an on-time arrival rate of 91.40 percent. Compared with last year, Guangxi Beibu Gulf Airlines enjoys the most rapid increase in OTP of 23.46 percent, followed by Hebei Airlines (21.85 percent) and Chengdu Airlines (15.69 percent).

Ranking	IATA Code	Regional Airlines	Flight Arrivals	On-time Arrival Performance	YoY	Average Arrival Delay (minutes)
1	RY	Jiangxi Airlines	1199	91.40%	6.35%	8.53
2	FU	Fuzhou Airlines	2061	91.17%	15.31%	10.34
3	G5	China Express Airlines	7135	90.92%	5.71%	10.79
4	GX	Guangxi Beibu Gulf Airlines	2888	90.90%	23.46%	9.27
5	UQ	Urumqi Air	1537	90.48%	-2.28%	10.58
6	CN	Grand China Air	335	89.85%	4.79%	10.49
7	JR	Joy Air	2770	89.84%	6.72%	16.05
8	9C	Spring Airlines	10436	89.30%	4.27%	11.82
9	GY	Colorful Guizhou Airlines	1440	89.08%	6.69%	10.93
10	EU	Chengdu Airlines	4871	88.63%	15.69%	11.22
11	AQ	9 Air	2407	88.13%	15.28%	15.02
12	DR	Ruili Airlines	2488	87.52%	6.99%	15.71
13	BK	Okay Airways	3382	87.40%	14.52%	12.92
14	GT	Air Guilin	1418	87.23%	7.11%	14.60
15	HO	Juneyao Airlines	8672	87.16%	5.42%	14.21
16	TV	Tibet Airlines	2846	86.88%	6.75%	15.67
17	Y8	Suparna Airlines	1301	86.86%	3.88%	15.15
18	9H	Chang'an Airlines	1464	86.40%	1.25%	20.70
19	DZ	Donghai Airlines	2585	86.35%	12.04%	15.32
20	OQ	Chongqing Airlines	2573	85.78%	4.58%	23.64
21	NS	Hebei Airlines	2798	85.60%	21.85%	13.91
22	KY	Kunming Airlines	3101	84.79%	5.97%	17.02
23	GJ	Loong Air	4200	84.59%	12.03%	15.05
24	PN	China West Air	4574	84.50%	7.80%	17.57
25	JD	Beijing Capital Airlines	7915	84.10%	7.62%	17.15
26	A6	Hongtu Airlines	693	83.09%	5.00%	20.62
27	QW	Qingdao Airlines	2022	81.94%	-2.02%	14.58
28	8L	Lucky Air	6676	81.47%	2.32%	21.07
29	LT	LongJiang Airlines	190	80.53%	-6.14%	28.47
30	KN	China United Airlines	5017	79.00%	3.67%	21.45

Source: VariFlight

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

Mainland China - TOP10 Hot Routes

SHA-CAN Shows the Fastest OTP Growth

Compared with OTP in August, all TOP10 domestic popular routes show an increase, among which the most punctual one is JHG-KMG route operated by Beijing Capital

Airlines. SHA-CAN route improves substantially in OTP of 23.14 percent, leading the most punctual route run by Juneyao Airlines.

Ranking	Popular Routes	Flights	On-time Departure Performance	Most Punctual Airlines
1	JHG-KMG	950	82.32%	Beijing Capital Airlines
2	SHA-PEK	1157	78.44%	Hainan Airlines
3	SHA-CAN	1027	77.90%	Juneyao Airlines
4	CAN-SHA	1030	73.98%	Juneyao Airlines
5	SZX-PEK	882	72.22%	Shenzhen Airlines
6	PEK-CTU	960	71.56%	China Eastern Airlines
7	CTU-PEK	959	71.32%	Sichuan Airlines
8	SHA-SZX	1108	71.12%	Spring Airlines
9	SZX-SHA	1111	69.85%	Spring Airlines
10	PEK-SHA	1151	64.47%	China Southern Airlines

Source: VariFlight

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

Notes for editors

Period: Sep 1- Sep 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<30mins

On-time arrival flights: ATA-STA<30mins

On-time arrival rate: On-time Arrival Flights/Actual Arrival Flights * 100%

On-time release rate: On-time Departure Flights/Actual Departure Flights*100%

Average departure delay: Total Departure Delay/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: Total Arrival Delay/ 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.)