

March 2019

Airlines On-time Arrival Performance Report



VariFlight[®]

Airline On-time Arrival Performance (Mar 2019, by VariFlight)

SC Tops China's Major Airlines in APAC OTP Chart for Three 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 March, 2019.

In March, Korean Air tops the global OTP chart. A total of 395,500 aircraft movements were handled by Chinese airlines, showing an increase of 3.04 percent year-over-year.

- Korean Air takes the top spot in the global OTP chart with an on-time arrival rate of 97.40 percent.
- Shandong Airlines and China Express Airlines become the most punctual Chinese large and medium-sized airlines in Asia-Pacific region respectively.
- Among ten major Chinese airlines, Shandong Airlines tops the OTP list. Compared with last year, Xiamen Airlines shows the most rapid YoY growth of 7.48 percent in OTP.
- Taking a look at the TOP10 domestic popular routes, KMG-JHG route tops the OTP chart carried by Chengdu Airlines.

Global Big Airlines

KE Tops Global Big Airlines

In March, Korean Air tops the global big airlines chart with an on-time arrival rate of 97.40 percent and 4.10 minutes of average arrival delay, followed by All Nippon Airlines and Garuda Indonesia.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	KE	Korean Air	KR	12826	97.40%	4.10
2	NH	All Nippon Airways	JP	29724	97.15%	4.34
3	GA	Garuda Indonesia	ID	15317	96.25%	4.34
4	JL	Japan Airlines	JP	25647	95.81%	5.77
5	PC	Pegasus Airlines	TR	15005	95.27%	5.73

6	SU	Aeroflot-Russian Airlines	RU	29737	94.38%	7.89
7	6E	IndiGo Airlines	IN	41825	94.23%	5.70
8	AM	Mexicana Airlines	MX	17424	93.93%	8.59
9	AZ	Alitalia Airlines	IT	14952	93.20%	6.39
10	VY	Vueling Airlines	ES	15377	93.15%	7.38

Source: VariFlight

Figure 1: World's TOP10 best airlines for on-time arrivals (Big airlines, March, 2019)

Global Medium-Sized Airlines

CM Tops Global Medium-Sized Airlines

In March, Copa Airlines delivers the best OTP again among all medium-sized airlines worldwide with 97.79 percent punctuality and 3.42 minutes of average arrival delay, followed by Hawaiian Airlines and GoAir.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	CM	COPA	PA	10555	97.79%	3.42
2	HA	Hawaiian Airlines	US	8050	97.05%	3.62
3	G8	GoAir	IN	7206	96.75%	3.63
4	S7	S7 Airlines	RU	10365	95.98%	5.68
5	Y4	Volaris	MX	10703	95.14%	4.69
6	A5	HOP!	FR	6244	95.07%	5.04
7	SQ	Singapore Airlines	SG	7729	94.91%	5.43
8	9K	Cape Air	US	6633	94.84%	6.61
9	QG	Citilink	ID	8767	94.73%	4.96
10	OS	Austrian Airlines	AT	10748	94.34%	5.80

Source: VariFlight

Figure 2: World's TOP10 best airlines for on-time arrivals (Medium-sized airlines, March, 2019)

APAC Major Airlines

SC Tops Major Airlines in APAC

In March, Korean Air ranks first among all major airlines in Asia-Pacific region with an on-time arrival rate of 97.40 percent, followed by All Nippon Airways and Garuda Indonesia. In mainland China, all airlines ranking shows increase. With an on-time arrival rate of 92.14% percent, Shandong Airlines moves up five places to sixth rank (compared to Feb). It is also the third consecutive month of this year that Shandong Airlines has been the most punctual major airlines in mainland China.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	KE	Korean Air	KR	12826	97.40%	4.10

2	NH	All Nippon Airways	JP	29724	97.15%	4.34
3	GA	Garuda Indonesia	ID	15317	96.25%	4.34
4	JL	Japan Airlines	JP	25647	95.81%	5.77
5	FD	Thai AirAsia	TH	12495	92.74%	7.33
6	SC	Shandong Airlines	CN	16773	92.14%	8.32
7	NZ	Air New Zealand	NZ	16675	91.63%	9.16
8	QF	Qantas Airways	AU	22417	90.98%	9.69
9	VA	Virgin Australia	AU	14351	90.84%	9.78
10	VN	Vietnam Airlines	VN	12416	90.65%	13.64
11	MU	China Eastern Airlines	CN	64028	89.86%	9.99
12	CZ	China Southern Airlines	CN	63748	89.53%	11.81
13	3U	Sichuan Airlines	CN	17423	89.33%	10.99
14	CA	Air China	CN	40377	88.81%	11.21
15	HU	Hainan Airlines	CN	23082	88.09%	12.58
16	AK	AirAsia	MY	19325	87.93%	11.68
17	JT	Lion Air	ID	16008	86.56%	12.81
18	MF	Xiamen Airlines	CN	18883	85.91%	12.79
19	ZH	Shenzhen Airlines	CN	21673	83.59%	15.32

Source: VariFlight

Figure 3: Best airlines in Asia-Pacific region for on-time arrivals (Major airlines, March, 2019)

APAC Medium-Sized Airlines

G5 Becomes the Most Punctual Chinese Medium-Sized Airlines in APAC

In March, Singapore Airlines leads the medium-sized airlines in the Asia-Pacific region for three consecutive months with an on-time arrival rate of 94.91 percent, followed by Citilink and Bangkok Airways. In mainland China, compared to February, China Express Airlines, showing a significant improvement, moves up from thirteenth to eighth and becomes China's most punctual medium-sized airlines.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	SQ	Singapore Airlines	SG	7729	94.91%	5.43
2	QG	Citilink	ID	8767	94.73%	4.96
3	PG	Bangkok Airways	TH	6329	93.94%	6.74
4	OZ	Asiana Airlines	KR	8095	93.66%	7.39
5	7C	Jeju Air	KR	6836	93.14%	7.77
6	MH	Malaysia Airlines	MY	12129	92.25%	8.58
7	ID	Batik Air	ID	8399	92.10%	7.45
8	G5	China Express Airlines	CN	8799	91.89%	8.42
9	CX	Cathay Pacific	HK	8269	91.66%	10.13
10	9C	Spring Airlines	CN	11088	91.42%	8.94

11	HO	Juneyao Airlines	CN	9697	90.91%	9.04
12	FM	Shanghai Airlines	CN	10741	89.29%	10.14
13	JD	Beijing Capital Airlines	CN	7650	88.34%	11.38
14	JQ	Jetstar Airways	AU	10387	88.20%	13.09
15	8L	Lucky Air	CN	7239	87.97%	12.81
16	GS	Tianjin Airlines	CN	10575	87.06%	15.89
17	TG	Thai Airways International	TH	6410	86.63%	13.59
18	PR	Philippine Airlines	PH	10520	86.49%	12.10
19	5J	Cebu Pacific Air	PH	9601	75.93%	19.66
20	VJ	VietJet Air	VN	10785	69.02%	26.50

Source: VariFlight

Figure 4: Best airlines in Asia-Pacific region for on-time arrivals (Medium-sized airlines, March, 2019)

Mainland China - Ten Major Airlines

SC Tops the OTP Chart and MF Shows the Most Rapid YoY in OTP

In March, among ten major Chinese airlines, Shandong Airlines dominates on-time performance rankings with an on-time arrival rate of 92.14 percent and 8.32 minutes of average arrival delay, followed by China Eastern Airlines and China Southern Airlines. Compared with last year, Xiamen Airlines posts the fastest YoY growth of 7.48 percent.

Ranking	IATA Code	Major Airlines	Flight Arrivals	On-time Arrival Performance	YoY	Average Arrival Delay (minutes)
1	SC	Shandong Airlines	16773	92.14%	6.98%	8.32
2	MU	China Eastern Airlines	64028	89.86%	2.76%	9.99
3	CZ	China Southern Airlines	63748	89.53%	2.45%	11.81
4	3U	Sichuan Airlines	17423	89.33%	1.72%	10.99
5	FM	Shanghai Airlines	10741	89.29%	4.69%	10.14
6	CA	Air China	40377	88.81%	2.62%	11.21
7	HU	Hainan Airlines	23082	88.09%	5.18%	12.58
8	GS	Tianjin Airlines	10575	87.06%	2.45%	15.89
9	MF	Xiamen Airlines	18883	85.91%	7.48%	12.79
10	ZH	Shenzhen Airlines	21673	83.59%	2.51%	15.32

Source: VariFlight

Figure 5: Best Chinese major airlines for on-time arrivals (March, 2019)

Mainland China - Regional Airlines

CN Becomes the Most Punctual Regional Airlines in Mainland China for Three Consecutive Months

BK Shows the Most Rapid YoY Increase

In March, Grand China Air tops again the OTP chart among all regional airlines with an on-time arrival rate of 97.08 percent and average arrival delay of 3.63 minutes.

Compared with last year, Okay Airways enjoys the most rapid increase in OTP of 15.58 percent, followed by Qingdao Airlines (15.09 percent) and Grand China Air (10.94 percent).

Ranking	IATA Code	Regional Airlines	Flight Arrivals	On-time Arrival Performance	YoY	Average Arrival Delay (minutes)
1	CN	Grand China Air	342	97.08%	10.94%	3.63
2	RY	Jiangxi Airlines	1255	96.97%	2.56%	5.98
3	DR	Ruili Airlines	2396	92.56%	2.26%	8.84
4	G5	China Express Airlines	8799	91.89%	4.72%	8.42
5	9C	Spring Airlines	11088	91.42%	4.02%	8.94
6	QW	Qingdao Airlines	2441	91.19%	15.09%	10.09
7	HO	Juneyao Airlines	9697	90.91%	2.46%	9.04
8	GT	Air Guilin	1248	90.46%	2.77%	9.62
9	KY	Kunming Airlines	3474	90.32%	2.78%	10.41
10	UQ	Urumqi Air	1540	90.19%	1.47%	15.82
11	FU	Fuzhou Airlines	2264	89.93%	10.61%	9.91
12	A6	Hongtu Airlines	815	89.80%	-0.89%	11.66
13	GY	Colorful Guizhou Airlines	1540	89.66%	4.04%	12.39
14	TV	Tibet Airlines	3258	89.56%	3.02%	13.68
15	9H	Chang'an Airlines	1483	89.48%	3.71%	14.15
16	AQ	9 Air	2519	88.90%	7.80%	16.23
17	EU	Chengdu Airlines	5222	88.56%	3.85%	11.72
18	JR	Joy Air	2441	88.52%	-0.16%	15.74
19	JD	Beijing Capital Airlines	7650	88.34%	3.81%	11.38
20	Y8	Suparna Airlines	1423	88.24%	6.02%	11.49
21	GX	Guangxi Beibu Gulf Airlines	3302	88.22%	7.87%	11.71
22	GJ	Loong Air	5035	88.20%	6.61%	13.34
23	BK	Okay Airways	2551	88.16%	15.58%	11.19
24	OQ	Chongqing Airlines	2858	88.10%	-1.10%	12.92
25	8L	Lucky Air	7239	87.97%	2.97%	12.81
26	NS	Hebei Airlines	3092	86.71%	10.68%	12.25
27	PN	China West Air	4711	85.69%	3.43%	15.38
28	DZ	Donghai Airlines	2869	83.68%	-0.99%	18.56
29	LT	LongJiang Airlines	178	83.15%	-2.32%	17.38
30	KN	China United Airlines	5474	78.63%	0.43%	22.07

Source: VariFlight

Figure 6: Best regional Chinese airlines for on-time arrivals (March, 2019)

Mainland China - TOP10 Hot Routes

KMG-JHG Route Run by Chengdu Airlines Tops OTP Chart

Among the TOP10 domestic popular routes, the most punctual one is KMG-JHG route with OTP of 93.07 percent, operated by Chengdu Airlines which is also the only popular route that shows an on-time rate over 90 percent.

Ranking	Popular Routes	Flights	On-time Departure Performance	Most Punctual Airlines
1	KMG-JHG	995	93.07%	Chengdu Airlines
2	JHG-KMG	1033	87.51%	Sichuan Airlines/Chengdu Airlines
3	SHA-CAN	1074	71.60%	Spring Airlines
4	SHA-SZX	1263	70.07%	Shanghai Airlines
5	PEK-CTU	1019	69.09%	China Southern Airlines
6	PEK-SHA	1240	68.31%	Xiamen Airlines
7	CAN-SHA	1075	64.56%	Hainan Airlines
8	SZX-SHA	1265	64.27%	Spring Airlines
9	CTU-PEK	1023	61.58%	China Eastern Airlines
10	SHA-PEK	1236	61.00%	Xiamen Airlines

Source: VariFlight

Figure 7: Top 10 hot routes in Mainland China for OTP (March, 2019)

Notes for editors

Period: Mar 1- Mar 31, 2019

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.)