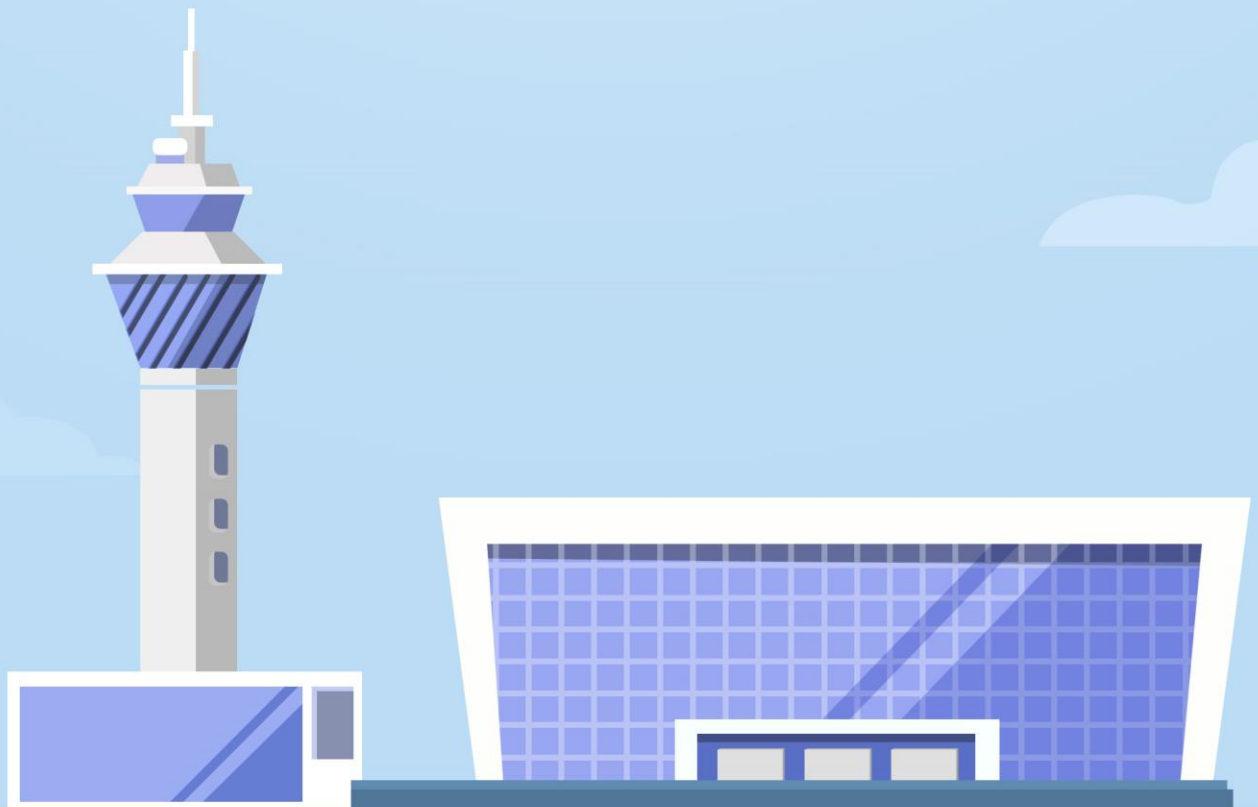


February 2019

Airlines On-time Arrival Performance Report



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

SC Tops China's Major Airlines in APAC OTP Chart Again Showing the YoY Growth of 5.06 Percent

Powered by VariFlight incomparable aviation database, the monthly report of Airline On-time Arrival Performance provides an overview of how global airlines perform in February, 2019.

In February, Iberia Airlines tops the global OTP chart. A total of 385,500 aircraft movements were handled by Chinese airlines, showing an increase of 6.05 percent year-over-year.

- Iberia Airlines takes the top spot again in the global OTP chart with an on-time arrival rate of 96.78 percent.
- Shandong Airlines and Spring Airlines become the most punctual Chinese large and medium-sized airlines in Asia-Pacific region again, respectively.
- Among ten major Chinese airlines, Shanghai Airlines tops the OTP list with an on-time arrival rate of 89.44 percent. Shandong Airlines shows the most rapid YoY growth of 5.06 percent in OTP.
- Taking a look at the TOP10 domestic popular routes, SHA-CAN route tops the OTP chart carried by Spring Airlines.

Global Big Airlines

IB Tops Global Big Airlines

In February, Iberia Airlines tops the global big airlines chart again with an on-time arrival rate of 96.78 percent and 3.42 minutes of average arrival delay, followed by Japan Airlines and All Nippon Airways.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	IB	Iberia Airlines	ES	15198	96.78%	3.42
2	JL	Japan Airlines	JP	23058	96.55%	4.87
3	NH	All Nippon Airways	JP	33923	96.08%	4.87
4	GA	Garuda Indonesia	ID	14548	95.46%	5.59
5	QR	Qatar Airways	QA	15058	95.15%	7.23
6	KL	Royal Dutch Airlines	NL	18670	95.07%	5.11

7	AF	Air France	FR	24702	94.75%	6.63
8	EK	Emirates Airlines	AE	14734	94.65%	7.17
9	NZ	Air New Zealand	NZ	15059	94.64%	6.45
10	KE	Korean Air	KR	11682	94.39%	6.49

Source: VariFlight

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

Global Medium-Sized Airlines

CM Tops Global Medium-Sized Airlines

In February, Copa Airlines delivers the best OTP again among all medium-sized airlines worldwide with 98.56 percent punctuality and 2.38 minutes of average arrival delay, followed by Singapore Airlines and Austrian Airlines.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	CM	COPA	PA	9579	98.56%	2.38
2	SQ	Singapore Airlines	SG	6935	97.29%	3.57
3	OS	Austrian Airlines	AT	8563	96.71%	3.76
4	ID	Batik Air	ID	8079	95.34%	5.27
5	S7	S7 Airlines	RU	8976	95.26%	6.04
6	AR	Aerolineas Argentinas	AR	9963	95.10%	5.49
7	UX	Air Europa	ES	7280	95.10%	4.72
8	EY	Etihad Airways	AE	6536	94.60%	5.51
9	MH	Malaysia Airlines	MY	11094	94.12%	6.52
10	HA	Hawaiian Airlines	US	7341	94.07%	8.63

Source: VariFlight

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

APAC Major Airlines

JL Tops Major Airlines in APAC

In February, Japan Airlines ranks first among all major airlines in Asia-Pacific region with an on-time arrival rate of 96.55 percent, followed by All Nippon Airways and Garuda Indonesia. In mainland China, all airlines rankings show a slightly drop. With an on-time arrival rate of 87.82% percent, Shandong Airlines drops three places to eleventh place (compared to Jan), but still becomes the most punctual major airlines in mainland China.

Ranking	IATA Code	Airlines	Country	Flight Arrivals	On-time Arrival Performance	Average Arrival Delay (minutes)
1	JL	Japan Airlines	JP	23058	96.55%	4.87
2	NH	All Nippon Airways	JP	33923	96.08%	4.87

3	GA	Garuda Indonesia	ID	14548	95.46%	5.59
4	NZ	Air New Zealand	NZ	15059	94.64%	6.45
5	KE	Korean Air	KR	11682	94.39%	6.49
6	VA	Virgin Australia	AU	18165	94.07%	6.99
7	QF	Qantas Airways	AU	20830	93.19%	7.63
8	AK	AirAsia	MY	17710	90.63%	9.85
9	VN	Vietnam Airlines	VN	11377	90.28%	9.37
10	FD	Thai AirAsia	TH	11329	89.45%	9.70
11	SC	Shandong Airlines	CN	16177	87.82%	12.38
12	JT	Lion Air	ID	14998	87.70%	12.02
13	CA	Air China	CN	37740	86.70%	13.47
14	CZ	China Southern Airlines	CN	64506	86.61%	16.00
15	MU	China Eastern Airlines	CN	62321	86.35%	14.84
16	3U	Sichuan Airlines	CN	17332	85.69%	15.35
17	HU	Hainan Airlines	CN	23449	84.74%	16.75
18	ZH	Shenzhen Airlines	CN	20820	78.67%	21.76

Source: VariFlight

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

APAC Medium-Sized Airlines

SQ Becomes the Most Punctual Medium-Sized Airlines in APAC

In February, Singapore Airlines leads the medium-sized airlines again in the Asia-Pacific region with an on-time arrival rate of 97.29 percent, followed by Batik Air and Malaysia Airlines. In mainland China, Spring Airlines ranks in the seventh place with an on-time arrival rate of 91.25 percent, becoming 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	6935	97.29%	3.57
2	ID	Batik Air	ID	8079	95.34%	5.27
3	MH	Malaysia Airlines	MY	11094	94.12%	6.52
4	PG	Bangkok Airways	TH	6040	94.00%	6.68
5	QG	Citilink	ID	7806	93.54%	6.71
6	TG	Thai Airways International	TH	5826	91.80%	8.95
7	9C	Spring Airlines	CN	10603	91.25%	10.29
8	CX	Cathay Pacific	HK	7767	89.83%	11.00
9	7C	Jeju Air	KR	6309	89.59%	10.67
10	FM	Shanghai Airlines	CN	10499	89.44%	10.82

11	HO	Juneyao Airlines	CN	9682	88.96%	12.93
12	OZ	Asiana Airlines	KR	7452	88.55%	12.83
13	G5	China Express Airlines	CN	8570	88.33%	12.24
14	JQ	Jetstar Airways	AU	9382	87.72%	13.56
15	8L	Lucky Air	CN	7042	81.98%	21.61
16	GS	Tianjin Airlines	CN	10119	81.18%	22.57
17	PR	Philippine Airlines	PH	9440	80.94%	18.05
18	OD	Malindo Air	MY	5695	80.91%	15.80
19	JD	Beijing Capital Airlines	CN	6932	80.75%	20.83
20	5J	Cebu Pacific Air	PH	8504	70.26%	24.01

Source: VariFlight

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

Mainland China - Ten Major Airlines

FM Tops the OTP Chart

SC Shows the Most Rapid YoY in OTP

In February, among ten major Chinese airlines, Shanghai Airlines dominates on-time performance rankings with an on-time arrival rate of 89.44 percent, followed by Shandong Airlines and Air China. Compared with last year, Shandong Airlines posts the fastest YoY growth of 5.06 percent.

Ranking	IATA Code	Major Airlines	Flight Arrivals	On-time Arrival Performance	YoY	Average Arrival Delay (minutes)
1	FM	Shanghai Airlines	10499	89.44%	3.68%	10.82
2	SC	Shandong Airlines	16177	87.82%	5.06%	12.38
3	CA	Air China	37740	86.70%	0.46%	13.47
4	CZ	China Southern Airlines	64506	86.61%	-0.02%	16.00
5	MU	China Eastern Airlines	62321	86.35%	2.33%	14.84
6	3U	Sichuan Airlines	17332	85.69%	0.53%	15.35
7	HU	Hainan Airlines	23449	84.74%	1.17%	16.75
8	GS	Tianjin Airlines	10119	81.18%	1.19%	22.57
9	ZH	Shenzhen Airlines	20820	78.67%	-3.27%	21.76
10	MF	Xiamen Airlines	19107	77.96%	2.64%	20.34

Source: VariFlight

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

Mainland China - Regional Airlines

CN Becomes the Most Punctual Regional Airlines in Mainland China

GX Shows the Most Rapid YoY Increase

In February, Grand China Air tops the OTP chart among all regional airlines with an on-time arrival rate of 92.00 percent and average arrival delay of 7.86 minutes.

Compared with last year, Guangxi Beibu Gulf Airlines enjoys the most rapid increase in OTP of 11.93 percent, followed by Okay Airways (9.52 percent) and LongJiang Airlines (8.70 percent).

Ranking	IATA Code	Regional Airlines	Flight Arrivals	On-time Arrival Performance	YoY	Average Arrival Delay (minutes)
1	CN	Grand China Air	300	92.00%	2.48%	7.86
2	9C	Spring Airlines	10603	91.25%	0.72%	10.29
3	RY	Jiangxi Airlines	1203	91.11%	0.39%	9.52
4	JR	Joy Air	2550	88.98%	-3.26%	14.52
5	HO	Juneyao Airlines	9682	88.96%	-1.08%	12.93
6	LT	LongJiang Airlines	164	88.41%	8.70%	13.62
7	UQ	Urumqi Air	1639	88.35%	3.93%	15.15
8	G5	China Express Airlines	8570	88.33%	2.84%	12.24
9	GX	Guangxi Beibu Gulf Airlines	3216	88.21%	11.93%	13.25
10	DR	Ruili Airlines	2692	87.90%	7.09%	15.32
11	TV	Tibet Airlines	2980	87.30%	4.41%	16.14
12	Y8	Suparna Airlines	1361	85.41%	-2.16%	27.48
13	GJ	Loong Air	5095	84.41%	5.37%	18.22
14	GT	Air Guilin	1288	84.30%	0.77%	16.56
15	AQ	9 Air	2503	84.25%	0.59%	25.16
16	A6	Hongtu Airlines	978	83.74%	3.93%	15.10
17	EU	Chengdu Airlines	4930	83.46%	1.61%	18.31
18	9H	Chang'an Airlines	1530	83.14%	-4.72%	22.71
19	KY	Kunming Airlines	3393	83.11%	5.81%	19.27
20	QW	Qingdao Airlines	2512	82.26%	1.52%	20.95
21	FU	Fuzhou Airlines	2431	82.14%	3.41%	21.79
22	BK	Okay Airways	2940	82.08%	9.52%	21.44
23	GY	Colorful Guizhou Airlines	1449	81.98%	0.76%	19.26
24	8L	Lucky Air	7042	81.98%	6.69%	21.61
25	OQ	Chongqing Airlines	145	81.82%	-4.42%	34.58
26	DZ	Shenzhen Donghai Airlines	2889	81.15%	-4.16%	23.66
27	JD	Beijing Capital Airlines	6932	80.75%	-3.29%	20.83
28	NS	Hebei Airlines	3154	80.08%	2.27%	20.93
29	PN	China West Air	4478	79.02%	0.14%	24.60
30	KN	China United Airlines	5076	75.73%	-6.01%	29.57

Source: VariFlight

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

Mainland China - TOP10 Hot Routes

SHA-CAN Route Run by Spring Airlines Tops OTP Chart

Among the TOP10 domestic popular routes, TOP3 routes show an on-time rate over 80 percent. The most punctual one is SHA-CAN route with OTP of 85.58 percent, operated by Spring Airlines.

Ranking	Popular Routes	Flights	On-time Departure Performance	Most Punctual Airlines
1	SHA-CAN	985	85.58%	Spring Airlines
2	KMG-JHG	958	85.18%	Sichuan Airlines
3	CAN-SHA	985	80.20%	Juneyao Airlines
4	SZX-SHA	1175	78.81%	Spring Airlines
5	JHG-KMG	990	77.98%	Sichuan Airlines
6	SHA-SZX	1174	77.85%	Shanghai Airlines
7	PEK-SHA	1002	72.85%	Juneyao Airlines
8	SHA-PEK	998	71.34%	Shanghai Airlines
9	PEK-CTU	944	68.11%	China Southern Airlines
10	CTU-PEK	945	56.93%	China Eastern Airlines

Source: VariFlight

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

Notes for editors

Period: Feb 1- Feb 28, 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.)