***Airport On-time Departure Performance (Oct. 2017)***

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 October, 2017.

**Global Hubs**

New Chitose Airport (CTS) tops the large airports chart in October with an on-time departure rate of 95.16 percent and an average delay of 7.21 minutes.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Ranking | IATA  Code | Airports | Country | Flight  Departures | On-time Departure Performance | Delay  Over 2h | Average Departure Delay (minutes) |
| 1 | CTS | New Chitose | JP | 6867 | 95.16% | 0.35% | 7.21 |
| 2 | ITM | Itami | JP | 6038 | 92.63% | 0.29% | 14.58 |
| 3 | DOH | Doha | QA | 7672 | 89.94% | 0.55% | 17.87 |
| 4 | URC | Urumqi Diwopu | CN | 7357 | 89.37% | 3.41% | 19.36 |
| 5 | HNL | Honolulu | US | 6576 | 88.68% | 0.98% | 18.76 |
| 6 | ATH | Athens | GR | 7826 | 88.63% | 0.56% | 17.71 |
| 7 | AKL | Auckland | NZ | 6805 | 88.31% | 0.54% | 17.00 |
| 8 | STL | Saint Louis | US | 7784 | 88.22% | 1.64% | 17.49 |
| 9 | SLC | Salt Lake City | US | 10120 | 86.94% | 1.70% | 21.06 |
| 10 | TPA | Tampa | US | 6104 | 86.54% | 1.79% | 18.28 |

Source: VariFlight

Figure 1: World’s TOP10 best airports for on-time departures (Large airports, October, 2017)

Note: Reporting airports are those whose actual departure flights are over 6000 in October, 2017.

**Global Medium-sized Airports**

Tenerife Airport (TFN) delivers the best on time performance among all medium-sized airports worldwide with 95.93 percent punctuality and an average delay of 9.89 minutes.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Ranking | IATA  Code | Airports | Country | Flight  Departures | On-time Departure Performance | Delay  Over 2h | Average Departure Delay (minutes) |
| 1 | TFN | Tenerife | ES | 2535 | 95.93% | 0.53% | 9.89 |
| 2 | SZB | Sultan Abdul Aziz Shah | MY | 2412 | 93.97% | 0.25% | 9.36 |
| 3 | CHC | Christchurch | NZ | 3197 | 93.73% | 0.16% | 12.34 |
| 4 | CMN | Casablanca | MA | 3383 | 93.54% | 0.85% | 9.51 |
| 5 | LCY | London | GB | 3323 | 93.13% | 0.47% | 5.96 |
| 6 | WLG | Wellington | NZ | 3538 | 92.99% | 0.31% | 12.02 |
| 7 | SDJ | Sendai | JP | 2242 | 92.70% | 0.34% | 13.34 |
| 8 | BAH | Bahrain | BH | 3143 | 92.57% | 1.27% | 14.12 |
| 9 | KHH | Kaohsiung | TW | 2234 | 92.44% | 0.85% | 13.14 |
| 10 | SVG | Stavanger | NO | 2097 | 92.03% | 0.18% | 10.74 |

Source: VariFlight

Figure 2: World’s TOP10 best airports for on-time departures (Medium-sized airports, October, 2017)

Note: Reporting airports are those whose actual departure flights are between 2000 to 6000 in October, 2017.

**Asia-Pacific----Major Airports**

New Chitose Airport (CTS) ranks first of all major airports in Asia-Pacific region with an on-time departure rate of 95.16 percent. In mainland China, Urumqi Diwopu International Airport (URC) ranks third (89.37 percent).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Ranking | IATA  Code | Airports | Country | Flight  Departures | On-time Departure Performance | Delay  Over 2h | Average Departure Delay (minutes) |
| 1 | CTS | New Chitose | JP | 6867 | 95.16% | 0.35% | 7.21 |
| 2 | ITM | Itami | JP | 6038 | 92.63% | 0.29% | 14.58 |
| 3 | URC | Urumqi Diwopu | CN | 7357 | 89.37% | 3.41% | 19.36 |
| 4 | AKL | Auckland | NZ | 6805 | 88.31% | 0.54% | 17.00 |
| 5 | GMP | Gimpo | KR | 6323 | 86.24% | 0.90% | 21.01 |
| 6 | FUK | Fukuoka | JP | 7909 | 86.19% | 0.41% | 18.37 |
| 7 | KIX | Osaka | JP | 7398 | 85.30% | 1.98% | 21.20 |
| 8 | DLC | Dalian Zhoushuizi | CN | 6329 | 83.88% | 1.50% | 17.06 |
| 9 | CKG | Chongqing Jiangbei | CN | 12154 | 83.80% | 2.24% | 19.90 |
| 10 | HND | Tokyo | JP | 20868 | 83.33% | 0.54% | 22.47 |
| 11 | CTU | Chengdu Shuangliu | CN | 13926 | 81.63% | 1.79% | 22.64 |
| 12 | MEL | Melbourne | AU | 10558 | 80.18% | 0.98% | 21.85 |
| 13 | KMG | Kunming Changshui | CN | 15044 | 79.60% | 1.93% | 23.84 |
| 14 | HAK | Haikou Meilan | CN | 6318 | 79.51% | 2.24% | 21.67 |
| 15 | BNE | Brisbane | AU | 8416 | 79.34% | 1.11% | 21.82 |
| 16 | SZX | Shenzhen Bao'an | CN | 13668 | 79.22% | 1.93% | 24.41 |
| 17 | CSX | Changsha Huanghua | CN | 7718 | 78.90% | 3.17% | 22.83 |
| 18 | XIY | Xi'an Xianyang | CN | 13985 | 78.26% | 4.16% | 27.45 |
| 19 | SHA | Shanghai Hongqiao | CN | 11403 | 78.09% | 1.61% | 24.17 |
| 20 | TSN | Tianjin Binhai | CN | 7059 | 77.95% | 3.41% | 25.77 |

Source: VariFlight

Figure 3: TOP20 best airports in Asia-Pacific for on-time departures (Major airports, October, 2017)

Note: Reporting airports are those whose actual departure flights are over 6000 in October, 2017.

**Asia-Pacific----Medium-sized Airports**

Sultan Abdul Aziz Shah Airport (Kuala Lumpur, SZB) ranks first among medium-sized airports in the Asia-Pacific region with an on-time departure rate of 93.97 percent. In mainland China, Xining Caojiapu Airport (XNN) is recognized as fourteenth with an on-time performance of 86.37 percent.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Ranking | IATA  Code | Airports | Country | Flight  Departures | On-time Departure Performance | Delay  Over 2h | Average Departure Delay (minutes) |
| 1 | SZB | Sultan Abdul Aziz Shah | MY | 2412 | 93.97% | 0.25% | 9.36 |
| 2 | CHC | Christchurch | NZ | 3197 | 93.73% | 0.16% | 12.34 |
| 3 | WLG | Wellington | NZ | 3538 | 92.99% | 0.31% | 12.02 |
| 4 | SDJ | Sendai | JP | 2242 | 92.70% | 0.34% | 13.34 |
| 5 | KHH | Kaohsiung | TW, CN | 2234 | 92.44% | 0.85% | 13.14 |
| 6 | KOJ | Kagoshima | JP | 3449 | 91.62% | 0.23% | 15.22 |
| 7 | PUS | Busan | KR | 4751 | 91.43% | 0.42% | 15.38 |
| 8 | PER | Perth | AU | 4507 | 90.21% | 1.22% | 16.83 |
| 9 | ADL | Adelaide | AU | 3625 | 90.15% | 0.84% | 15.85 |
| 10 | NGO | Nagoya | JP | 4323 | 89.62% | 1.16% | 18.12 |
| 11 | CNX | Chiang Mai | TH | 3295 | 88.10% | 1.07% | 13.85 |
| 12 | CBR | Canberra | AU | 2040 | 87.61% | 1.25% | 15.34 |
| 13 | TSA | Taipei Songshan | TW, CN | 2165 | 86.97% | 1.22% | 18.83 |
| 14 | XNN | Xining Caojiapu | CN | 2171 | 86.37% | 2.35% | 15.42 |
| 15 | HET | Hohhot Baita | CN | 4260 | 85.86% | 2.36% | 18.76 |
| 16 | HKT | Phuket | TH | 4482 | 85.81% | 1.57% | 16.38 |
| 17 | TNA | Jinan Yaoqiang | CN | 4900 | 84.59% | 1.29% | 16.51 |
| 18 | CNS | Cairns | AU | 2182 | 84.23% | 1.51% | 19.79 |
| 19 | LJG | Lijiang Sanyi | CN | 2352 | 83.46% | 1.91% | 17.63 |
| 20 | INC | Yinchuan Hedong | CN | 3138 | 82.46% | 3.97% | 22.52 |

Source: VariFlight

Figure 4: TOP20 best airports in Asia-Pacific for on-time departures (Medium-sized airports, October, 2017)

Note: Reporting airports are those whose actual departure flights are between 2000 to 6000 in October, 2017.

**Airports in mainland China**

Airports in mainland China can be divided into three classes with a capacity of over 10 million passengers, 2 million passengers and less than 2 million passengers respectively, in accordance with the passenger throughput published by Civil Aviation Administration of China (CAAC), 2016.

**On-time departure rate of airports with a capacity over 10 million passengers**

Urumqi Diwopu (URC), Jinan Yaoqiang (TNA) and Dalian Zhoushuizi (DLC)are the best three airports for on-time departure performance (89.37%, 84.59% and 83.88%) among airports with a capacity of over 10 million passengers in mainland China.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Ranking | IATA  Code | Airports | Flight  Departures | On-time Departure Performance | Delay  Over 2h | Average Departure Delay (minutes) |
| 1 | URC | Urumqi Diwopu | 7357 | 89.37% | 3.41% | 19.36 |
| 2 | TNA | Jinan Yaoqiang | 4900 | 84.59% | 1.29% | 16.51 |
| 3 | DLC | Dalian Zhoushuizi | 6329 | 83.88% | 1.50% | 17.06 |
| 4 | CKG | Chongqing Jiangbei | 12154 | 83.80% | 2.24% | 19.90 |
| 5 | LHW | Lanzhou Zhongchuan | 4505 | 81.71% | 2.83% | 20.92 |
| 6 | CTU | Chengdu Shuangliu | 13926 | 81.63% | 1.79% | 22.64 |
| 7 | KMG | Kunming Changshui | 15044 | 79.60% | 1.93% | 23.84 |
| 8 | HAK | Haikou Meilan | 6318 | 79.51% | 2.24% | 21.67 |
| 9 | SZX | Shenzhen Bao'an | 13668 | 79.22% | 1.93% | 24.41 |
| 10 | CSX | Changsha Huanghua | 7718 | 78.90% | 3.17% | 22.83 |
| 11 | XIY | Xi'an Xianyang | 13985 | 78.26% | 4.16% | 27.45 |
| 12 | SHA | Shanghai Hongqiao | 11403 | 78.09% | 1.61% | 24.17 |
| 13 | TSN | Tianjin Binhai | 7059 | 77.95% | 3.41% | 25.77 |
| 14 | TAO | Qingdao Liuting | 7757 | 77.64% | 2.23% | 24.45 |
| 15 | SYX | Sanya Phoenix | 4811 | 77.43% | 3.37% | 24.87 |
| 16 | CGO | Zhengzhou Xinzheng | 8489 | 76.95% | 2.97% | 23.47 |
| 17 | KWE | Guiyang Longdongbao | 6555 | 74.53% | 2.84% | 25.88 |
| 18 | HRB | Harbin Taiping | 5790 | 74.37% | 3.75% | 28.05 |
| 19 | WUH | Wuhan Tianhe | 7598 | 74.21% | 4.28% | 27.49 |
| 20 | CAN | Guangzhou Baiyun | 19337 | 73.97% | 1.82% | 26.98 |
| 21 | NKG | Nanjing Lukou | 8591 | 73.88% | 2.97% | 28.67 |
| 22 | PVG | Shanghai Pudong | 19412 | 73.22% | 1.74% | 26.81 |
| 23 | SHE | Shenyang Taoxian | 5491 | 72.67% | 3.47% | 27.89 |
| 24 | HGH | Hangzhou Xiaoshan | 10819 | 72.31% | 3.40% | 30.31 |
| 25 | FOC | Fuzhou Changle | 3868 | 72.07% | 2.08% | 25.92 |
| 26 | PEK | Beijing Capital | 25337 | 68.58% | 2.47% | 29.88 |
| 27 | NNG | Nanning Wuxu | 4551 | 63.74% | 6.14% | 38.10 |
| 28 | XMN | Xiamen Gaoqi | 8079 | 59.39% | 3.70% | 36.77 |

Source: VariFlight

Figure 5: China’s airports on-time departure performance (airports with a capacity of over 10 million passengers, October, 2017)

**On-time departure rate of airports with a capacity of over 2 million passengers**

Regarding airports with a capacity of over 2 million passengers, the supreme three are Xishuangbanna Gasa (JHG), Xining Caojiapu (XNN) and Hohhot Baita (HET), respectively with on-time departure rates of 90.21 percent, 86.37 percent and 85.86 percent.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Ranking | IATA  Code | Airports | Flight  Departures | On-time Departure Performance | Delay  Over 2h | Average Departure Delay (minutes) |
| 1 | JHG | Xishuangbanna | 1279 | 90.21% | 1.10% | 11.41 |
| 2 | XNN | Xining Caojiapu | 2171 | 86.37% | 2.35% | 15.42 |
| 3 | HET | Hohhot Baita | 4260 | 85.86% | 2.36% | 18.76 |
| 4 | LJG | Lijiang Sanyi | 2352 | 83.46% | 1.91% | 17.63 |
| 5 | INC | Yinchuan Hedong | 3138 | 82.46% | 3.97% | 22.52 |
| 6 | TYN | Taiyuan Wusu | 4599 | 80.41% | 1.94% | 21.20 |
| 7 | KWL | Guilin Liangjiang | 2858 | 78.58% | 2.95% | 21.68 |
| 8 | CGQ | Changchun Longjia | 3726 | 74.32% | 4.91% | 27.84 |
| 9 | NAY | Beijing Nanyuan | 1847 | 74.23% | 4.44% | 25.36 |
| 10 | SWA | Jieyang Chaoshan | 1685 | 73.90% | 1.31% | 22.40 |
| 11 | WUX | Wuxi Shuofang | 2207 | 71.84% | 4.20% | 26.69 |
| 12 | NGB | Ningbo Lishe | 3014 | 71.50% | 3.20% | 26.89 |
| 13 | HFE | Hefei Xinqiao | 3269 | 71.35% | 3.02% | 27.32 |
| 14 | KHN | Nanchang Changbei | 4826 | 71.09% | 2.84% | 28.20 |
| 15 | YNT | Yantai Penglai | 2923 | 70.98% | 2.54% | 27.22 |
| 16 | LXA | Lhasa Kongga | 1534 | 68.26% | 12.50% | 41.84 |
| 17 | WNZ | Wenzhou Longwan | 3038 | 66.99% | 1.66% | 27.60 |
| 18 | ZUH | Zhuhai Jinwan | 3257 | 65.15% | 2.09% | 30.18 |
| 19 | SJW | Shijiazhuang Zhengding | 3503 | 61.95% | 8.65% | 43.93 |
| 20 | JJN | Quanzhou Jinjiang | 2010 | 61.57% | 5.30% | 34.50 |
| 21 | MIG | Mianyang Nanjiao | 1251 | 53.88% | 5.44% | 41.90 |

Source: VariFlight

Figure 6: China’s airports on-time departure performance (airports with a capacity of over 2 million passengers, October, 2017)

**Worst-affected airports under extreme weather conditions**

In October, Shijiazhuang Zhengding International Airport suffers the most from severe weathers, a record of 41 hours in total. Zhengzhou Xinzheng International Airport, Xi'an Xianyang International Airport, Nanjing Lukou International Airport and Hangzhou Xiaoshan International Airport have also been affected for 21 hours, 16 hours, 16 hours and 13 hours respectively.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| IATA  Code | Airports | Inclement Weather hitting hours | Total On-time  Release Rate | On-time  Release Rate with Inclement Weather | On-time  Release Rate without Inclement Weather |
| SJW | Shijiazhuang Zhengding | 41 | 61.95% | 39.92% | 65.18% |
| CGO | Zhengzhou Xinzheng | 21 | 76.95% | 37.74% | 78.80% |
| XIY | Xi'an Xianyang | 16 | 78.26% | 34.26% | 80.40% |
| NKG | Nanjing Lukou | 16 | 73.88% | 46.75% | 75.03% |
| HGH | Hangzhou Xiaoshan | 13 | 72.31% | 45.28% | 73.63% |

Source: VariFlight

Figure 7: China’s worst-affected airports for normal flight release rate (October, 2017)

Having years of expertise and incomparable aviation data, VariFlight delivers the industry’s most timely and detailed aviation data, reports and forecasts, such as the normal rate of flight release, fleets, airport operation efficiency and flight route analysis. For more information, please call us at +86 551 65560363 or send us an email: [Aviation@VariFlight.com](mailto:Aviation@VariFlight.com).

**Download**

October, 2017 *Airport On-time Departure Performance*

**Notes for editors**

**Period**: Oct 1- Oct 31, 2017

**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<30mins

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

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

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

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

**Average departure delay time:** Total Departure Delay Time/ 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**: Total Arrival Delay Time/ 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.)

**About VariFlight**

Founded in 2005, VariFlight is a leading aviation service provider in China. Today we pride ourselves on being a global leader in aviation data and related analytics such as flight status data, fleets data, flight delay analysis, on-time performance analysis, A-CDM and aviation meteorology statistical analysis.