



Oct 30 2019

Statistics on Scrambles through the First Half of FY2019

1. Overall

Japan Air Self-Defense Force (JASDF) fighter aircrafts were scrambled 470 times during the first half of FY2019, a decrease of 91 times compared to the same period of the previous fiscal year.

The breakdown of scrambles by country and region was about 71% against Chinese aircraft, about 29% against Russian aircraft, and about 1% against other aircraft, although the countries and regions include estimation.

2. Breakdown of Scrambles by Regional Air Defense Force

In the first half of FY2019, fighter aircrafts of the Northern Air Defense Force were scrambled 93 times, those of the Central Air Defense Force 19 times, those of the Western Air Defense Force 62 times, and those of the Southwestern Air Defense Force 296 times.

Compared to the previous fiscal year, the number of scrambles by the Western Air Defense Force increased, while the number of scrambles by the Northern Air Defense, Central Air Defense Force and Southwestern Air Defense Force decreased.

3. Characteristics of Responses through the First Half of FY2019

JASDF fighter aircrafts were scrambled 332 times against Chinese aircraft, a decrease of 13 times compared to the same period of the previous fiscal year. JASDF fighter aircrafts were scrambled 135 times against Russian aircraft, a decrease of 76 times compared to the same period of the previous fiscal year.

During the first half of FY2019, 8 cases were made public as unusual flights, including a violation of territorial airspace by Russian aircraft.

A large number of scrambles were conducted against Chinese and Russian fighter aircraft, although this includes estimation.

The data above was collected between April 1 and September 30, 2019.

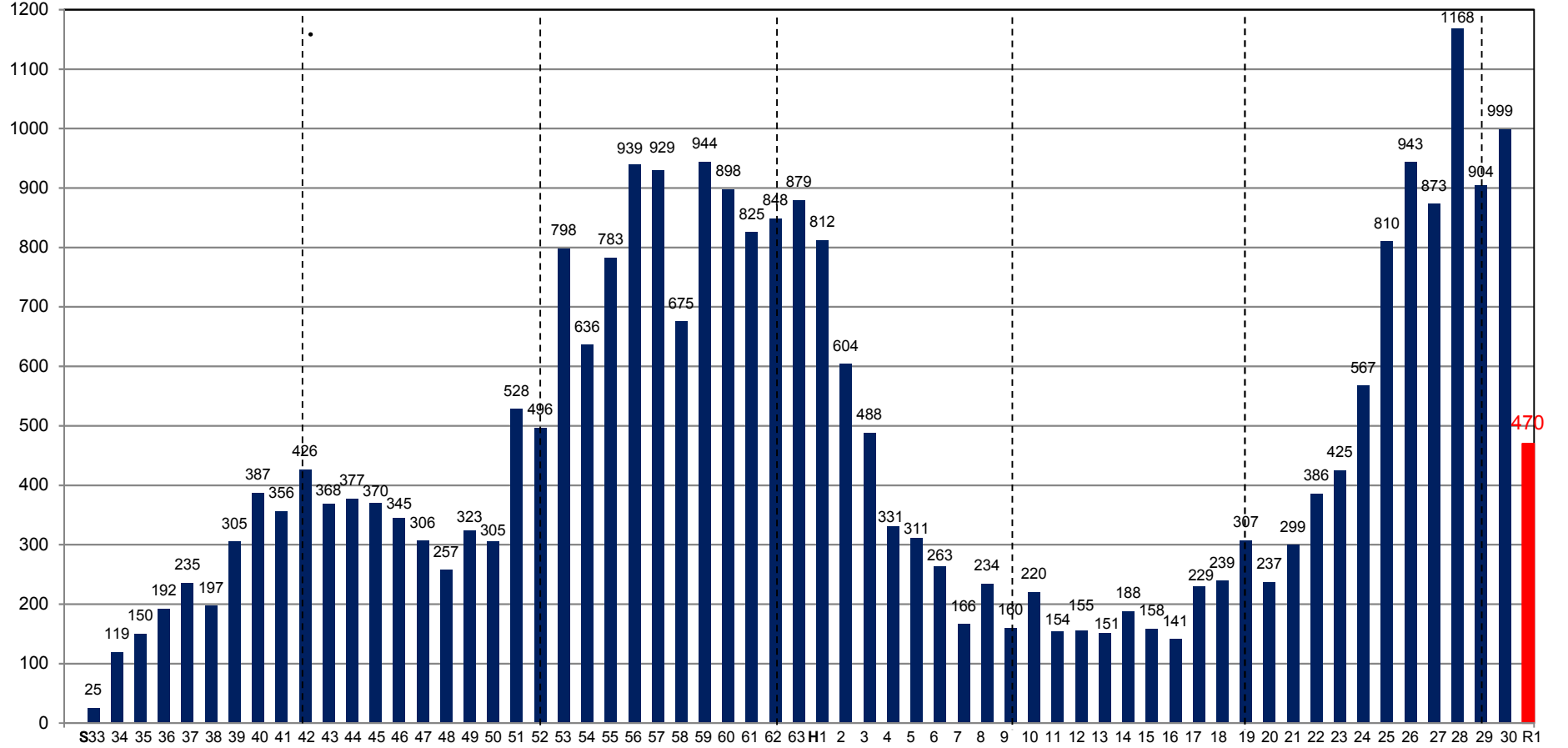
Reference

1. Number of Scrambles by Fiscal Year
2. Number of Scrambles by Regional Air Defense Force (Past Five Years)
3. Number of Scrambles by Country and Region (Past Five Years)
4. Flight Pattern Examples of Russian and Chinese Aircraft Subject to Scrambles
5. List of Airspace Violation Cases Made Public in FY2019 (First Half)
6. List of Unusual Flight Cases Made Public in FY2019 (First Half)

Number of Scrambles by Fiscal Year

(As of September 30, 2019)

(Number of times)



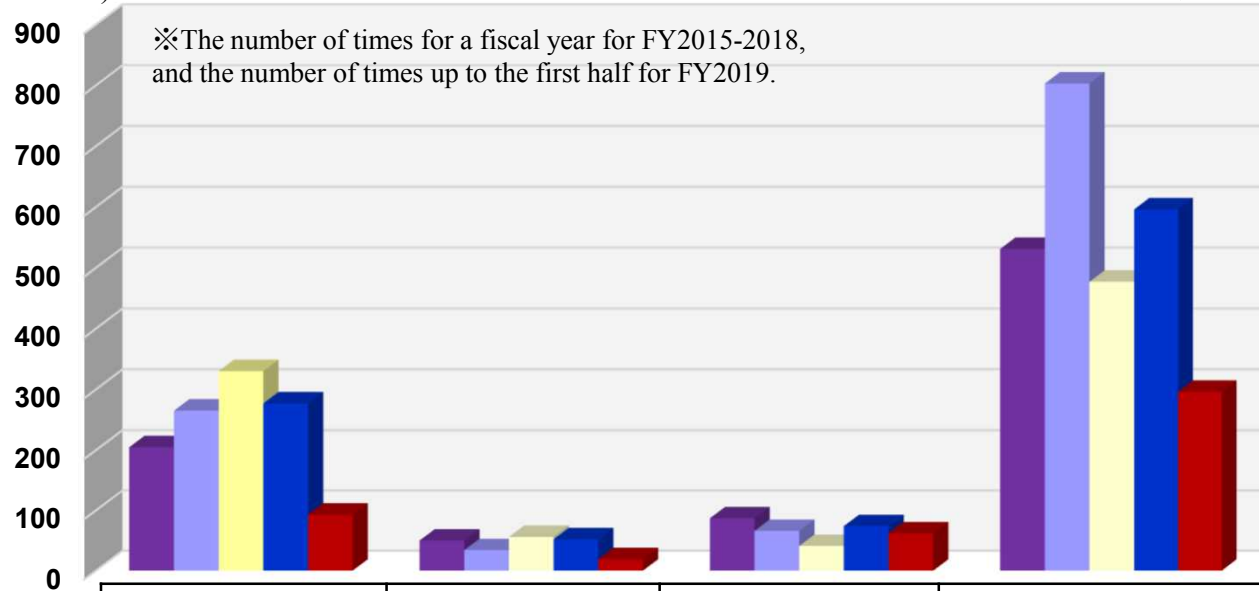
※The cumulative total for a fiscal year up to FY2018, and the number of times up to the first half for FY2019.

(FY)

Number of Scrambles by Regional Air Defense Force (Past Five Years)

(Number of times)

(As of September 30, 2019)



	Northern Air Defense Force		Central Air Defense Force		Western Air Defense Force		Southwestern Air Defense Force		Total	
	FY	1H	FY	1H	FY	1H	FY	1H	FY	1H
■ FY2015	205	91	50	10	87	20	531	222	873	343
■ FY2016	265	161	34	17	66	34	803	382	1168	594
■ FY2017	330	229	56	34	41	17	477	281	904	561
■ FY2018	277	170	52	30	74	35	596	326	999	561
■ FY2019	—	93	—	19	—	62	—	296	—	470

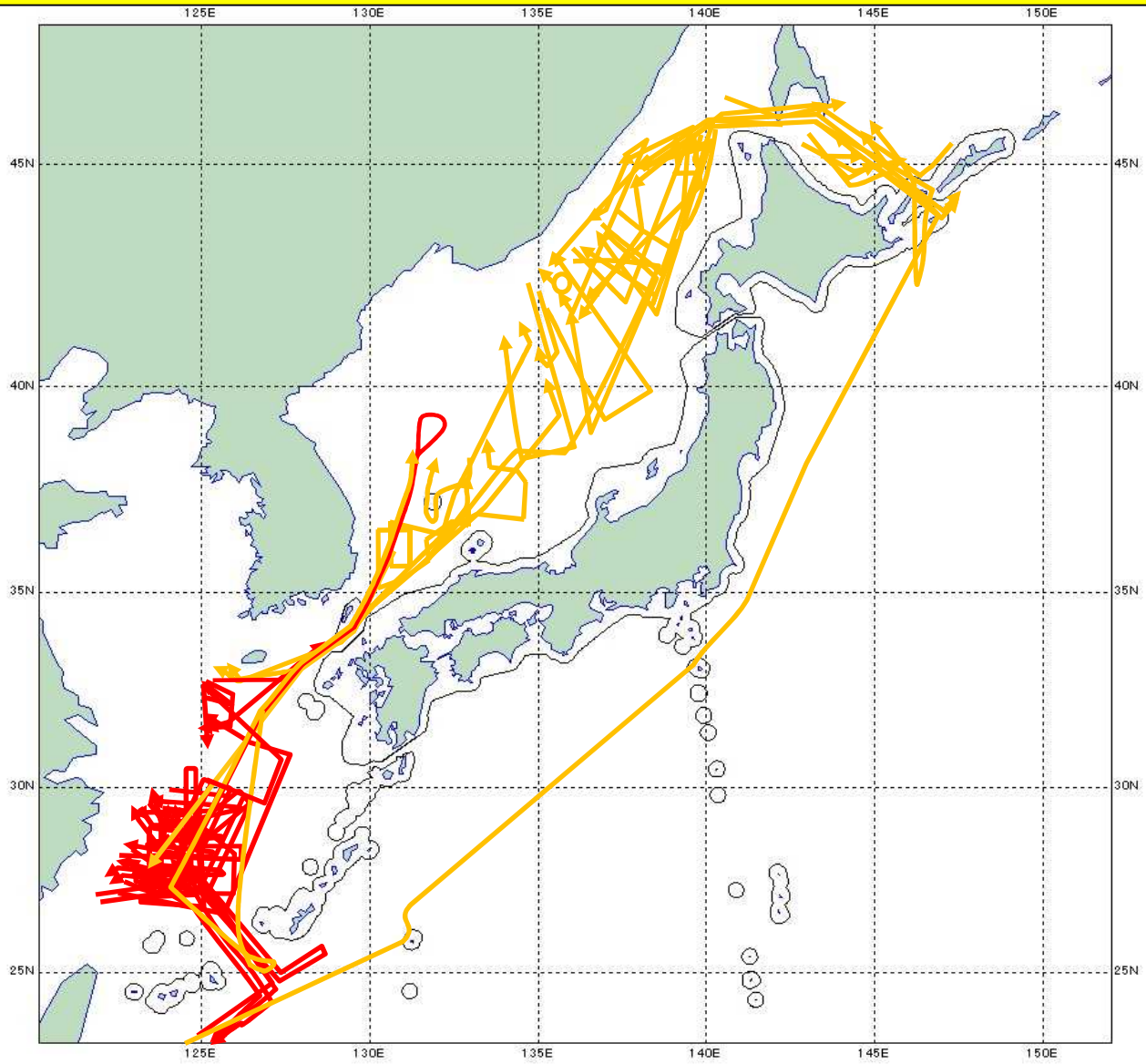
Number of Scrambles by Country/Region (Past Five Years)

(As of September 30, 2019)

Country/ Region FY	Russia		China		Taiwan		North Korea		Other Countries		Total	
	FY	1H	FY	1H	FY	1H	FY	1H	FY	1H	FY	1H
2015	288	108	571	231	2	0	0	0	12	4	873	343
2016	301	180	851	407	8	5	0	0	8	2	1168	594
2017	390	267	500	287	3	1	0	0	11	6	904	561
2018	343	211	638	345	0	0	0	0	18	5	999	561
2019	—	135	—	332	—	0	—	0	—	3	—	470



※ The number of times of scrambles by country/region includes some unconfirmed cases.

Example Flight Patterns of Russian and Chinese Aircraft to Which Scrambles Responded




→ : Route of Chinese aircraft → : Route of Russian aircraft

List of Cases of Airspace Violation Made Public (First Quarter)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
1	Thursday, June 20, 2019	Russia Tu-95 Two aircraft	Flight in the territorial airspace near Minamidaito Island	
		Russia Tu-95 One aircraft	Flight in the territorial airspace near Hachijo Island	

List of Cases of Airspace Violation Made Public (Second Quarter)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
2	Tuesday, July 23, 2019	Russia A-50 One aircraft	Flight in the territorial airspace near Takeshima Island	

List of Unusual Flight Cases Made Public (First Quarter)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
1	Monday, April 1, 2019	China Y-9 One aircraft	Round-trip from the East China Sea to the Pacific	
		China H-6 Two aircraft		
2	Friday, April 5, 2019	Russia IL-38 One aircraft	Long-range flight over the Sea of Japan	
3	Monday, April 15, 2019	China H-6 Four aircraft	Long-range flight from the Pacific to the East China Sea	
		China Y-8 One aircraft		
4	Friday, May 3, 2019	Russia Tu-142 Two aircraft	Round-trip from the Sea of Japan to the East China Sea through Tsushima Strait	
5	Wednesday, May 29, 2019	China Y-8 One aircraft	Flight from the East China Sea to the vicinity of Tsushima Strait	
		China Y-9 One aircraft	Round-trip from the East China Sea to the Pacific	
6	Sunday, June 16, 2019	China Y-9 One aircraft	Round-trip from the East China Sea to the Pacific	

List of Unusual Flight Cases Made Public (Second Quarter)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
7	Tuesday, July 23, 2019	China H-6 Two aircraft	Joint flight from the Sea of Japan to the East China Sea through Tsushima Strait	
		Russia Tu-95 Two aircraft		
8	Thursday, August 8, 2019	Russia Tu-142 Two aircraft	Round-trip from the Sea of Japan to the East China Sea through Tsushima Strait	