



Oct 12, 2018

## Statistics on Scrambles during the First half of FY2018

### 1. Overall

Air Self-Defense Force (ASDF) fighter aircrafts were scrambled 561 times during the first half of FY2018. It was the same times compared to the same period of the previous fiscal year.

The breakdown of scrambles by country and region was about 61% against Chinese aircraft, about 38% 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 FY2018, fighter aircrafts of the Northern Air Defense Force were scrambled 170 times, those of the Central Air Defense Force 30 times, those of the Western Air Defense Force 35 times, and those of the Southwestern Air Defense Force 326 times.

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

### 3. Characteristics of Responses through the First half of FY2018

ASDF fighter aircrafts were scrambled 345 times against Chinese aircrafts, which marked an increase of 58 times compared to the same period of the previous fiscal year.

ASDF fighter aircrafts were scrambled 211 times against Russian aircraft, which marked a decrease of 56 times compared to the same period of the previous fiscal year.

During the first half of FY2018, 20 cases were made public as unusual flights.

Scrambles against Chinese fighter aircraft and Russian reconnaissance aircraft were outstanding in frequency compared to other types of aircraft of each country, although this includes estimation.

The data above was collected between April 1, 2018 and September 30, 2018

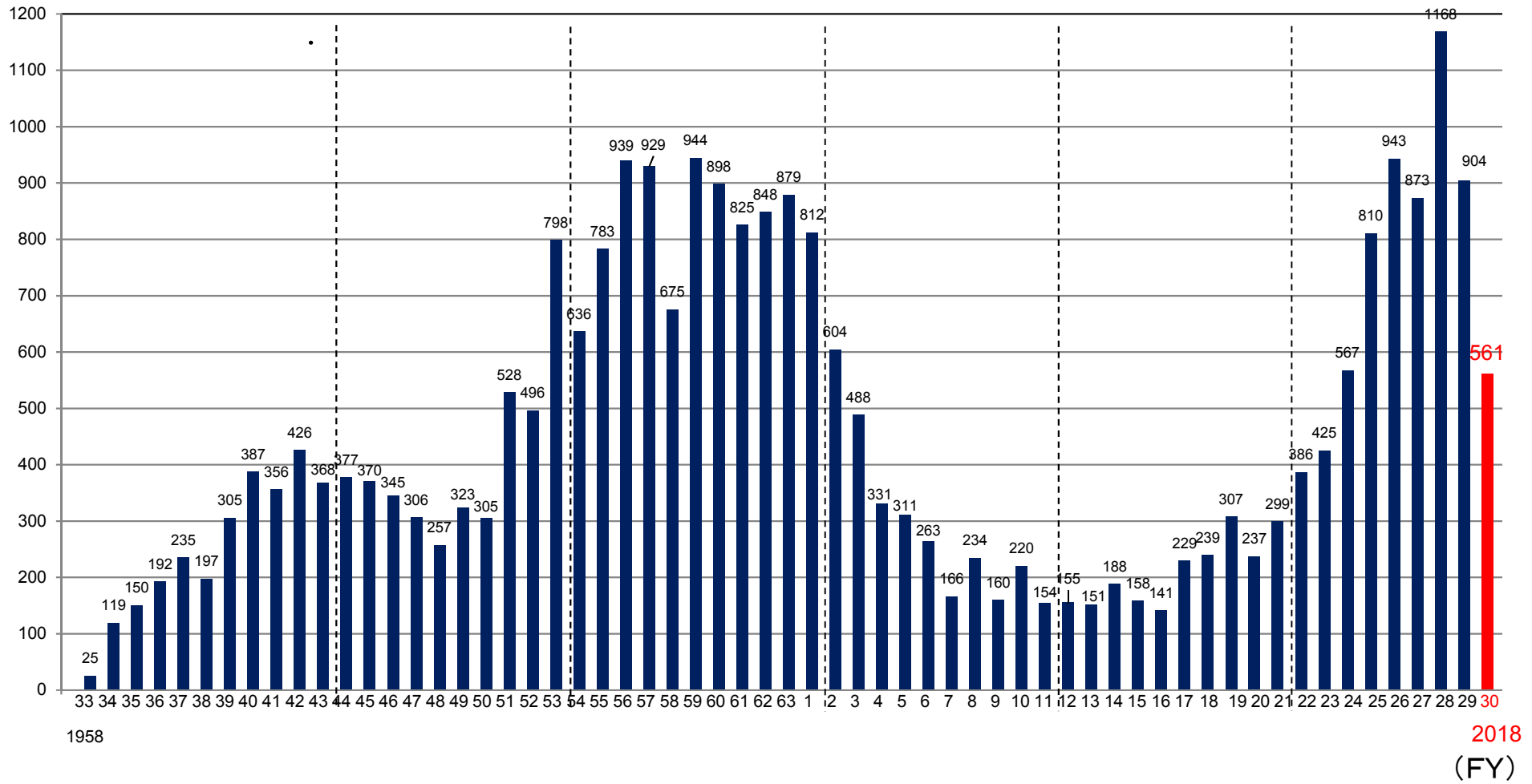
## Reference

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 Patten Examples of Russian and Chinese Aircraft Subject to Scrambles
5. List of Cases Made Public through the First half of FY2018

# Number of Scrambles by Fiscal Year

(As of September 30, 2018)

(Number of times)

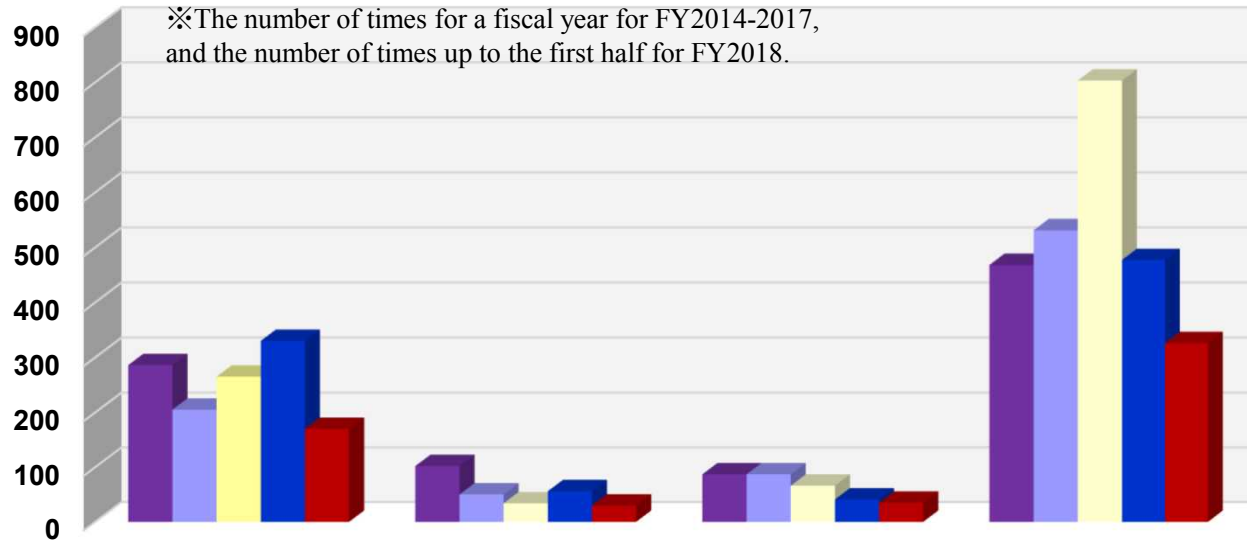







※The cumulative total for a fiscal year up to FY2017, and the number of times up to the first half for FY2018.

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

(Number of times)

(As of September 30,2018)



	Northern Air Defense Force		Central Air Defense Force		Western Air Defense Force		Southwestern Air Defense Force		Total	
	FY	The first half	FY	The first half	FY	The first half	FY	The first half	FY	The first half
 FY2014	286	189	102	73	87	61	468	210	943	533
 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	—	170	—	30	—	35	—	326	—	561

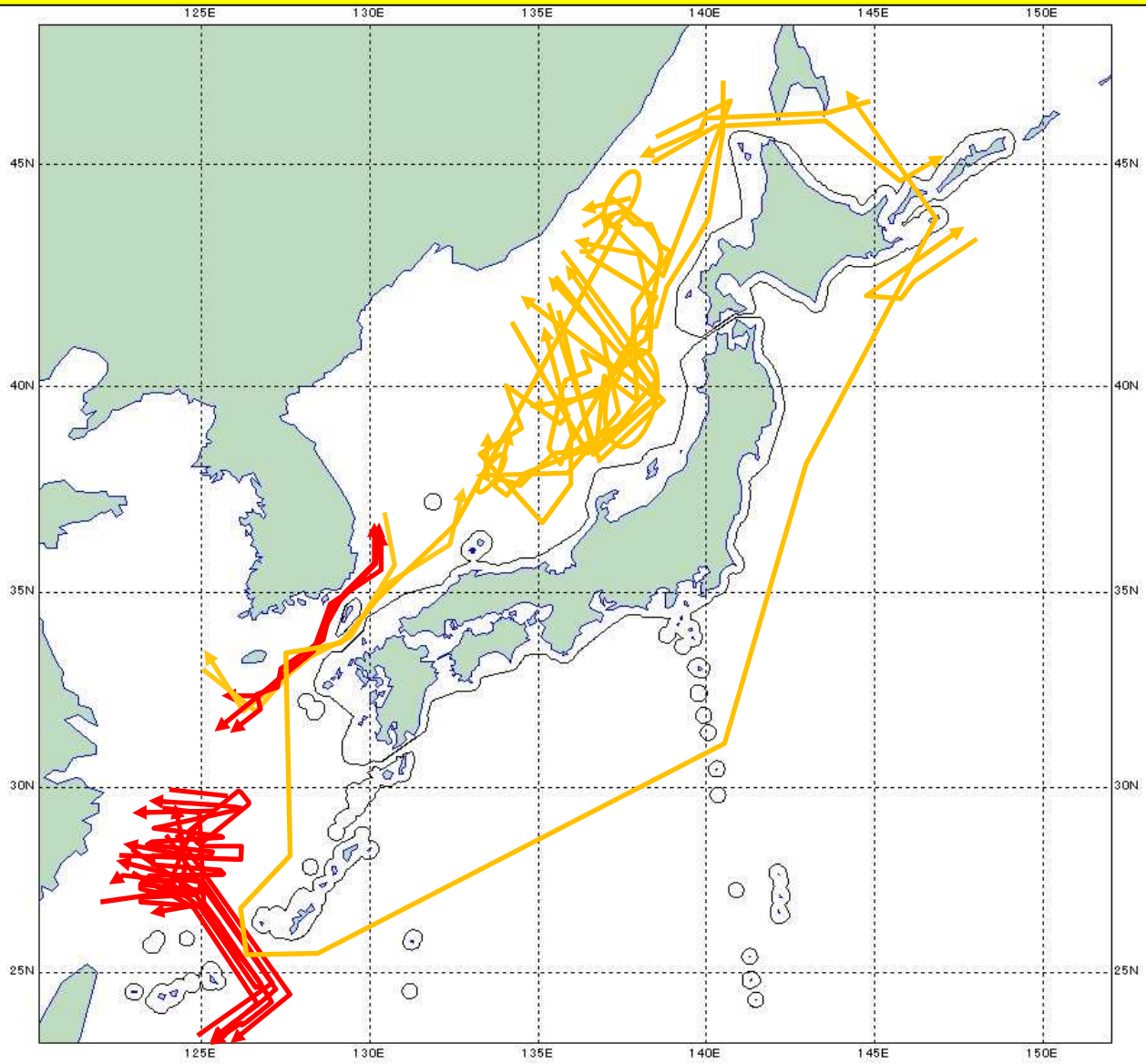
## Number of Scrambles by Country/Region (Past Five Years)

(As of September 30,2018)

Country/ Region FY	Russia		China		Taiwan		North Korea		Other Countries		Total	
	FY	The first half	FY	The first half	FY	The first half	FY	The first half	FY	The first half	FY	The first half
FY2014	473	324	464	207	1	0	0	0	5	2	943	533
FY2015	288	108	571	231	2	0	0	0	12	4	873	343
FY2016	301	180	851	407	8	5	0	0	8	2	1168	594
FY2017	390	267	500	287	3	1	0	0	11	6	904	561
FY2018	—	211	—	345	—	0	—	0	—	5	—	561

※ 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 Made Public in FY2018 (First Quarter ①)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
1	Saturday, April 7, 2018	Russia Su-24 Two aircrafts	Long-range flight over the Sea of Japan	
2	Tuesday, April 10, 2018	Presumed China Presumed BZK-005	flight over the East China Sea	
3	Friday, April 13, 2018	Russia IL-38 One aircraft	Long-range flight over the Sea of Japan	
4	Tuesday, April 17, 2018	Russia Tu-142 One aircraft	Long-range flight over the Sea of Japan	
5	Wednesday, April 18, 2018	China H-6 Two aircrafts	Long-range flight from the East China Sea to the Pacific Ocean	
6	Thursday, April 19, 2018	China H-6 Two aircrafts	Long-range flight from the East China Sea to the Pacific Ocean	
		China Y-8 One aircraft		
		China Tu-154 One aircraft		

## List of Cases Made Public in FY2018 (First Quarter ②)



	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
6	Thursday, April 19, 2018	Presumed China Two Fighter aircrafts	Round-trip flight from the East China Sea and the Pacific Ocean	
7	Friday, April 20, 2018	China H-6 Two aircrafts	Long-range flight from the East China Sea to the Pacific Ocean	
8	Thursday, April 26, 2018	China H-6 Two aircrafts	Long-range flight from the East China Sea to the Pacific Ocean	
		China Y-8 One aircraft		
		China Tu-154 One aircraft		
		Presumed China Two Fighter aircrafts	Round-trip flight from the East China Sea and the Pacific Ocean	
9	Saturday, April 28, 2018	China Y-9 One aircraft	Round-trip flight from the East China Sea and the Sea of Japan through Tsushima Strait	

## List of Cases Made Public in FY2018 (First Quarter ③)






	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
10	Friday, May 11, 2018	China H-6 Four aircrafts	Two aircrafts: Long-range flight from the East China Sea to the Pacific Ocean Two aircrafts: Long-range flight from the Pacific Ocean to the East China Sea	
		China Tu-154 One aircraft	Long-range flight from the Pacific Ocean to the East China Sea	
		China Y-8 One aircraft		
		Presumed China Two Fighter aircrafts	Round-trip flight from the East China Sea and the Pacific Ocean	
11	Friday, May 11, 2018	Russia Tu-142 Two aircrafts	Long-range flight over the Sea of Japan	
12	Tuesday, May 15, 2018	Russia IL-38 One aircraft	Long-range flight over the Sea of Japan	
13	Wednesday, May 23, 2018	Russia Tu-142 One aircraft	Long-range flight over the Sea of Japan	



**List of Cases Made Public in FY2018 (First Quarter ④)**

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
14	Friday, May 25, 2018	China H-6 Two aircrafts	Long-range flight from the Pacific Ocean to the East China Sea	
15	Monday, June 4, 2018	China Y-9 One aircraft	Round-trip flight between the East China Sea and the Pacific Ocean	

## List of Cases Made Public in FY2018 (Second Quarter)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
16	Friday, July 13, 2018	Russia Tu-95 Two aircrafts	Round-trip flight from the Sea of Japan and the East China Sea	
17	Friday, July 27, 2018	China Y-9 One aircraft	Round-trip flight from the East China Sea and the Sea of Japan through Tsushima Strait	
18	Wednesday, August 29, 2018	China Y-9 One aircraft	Round-trip flight from the East China Sea and the Sea of Japan through Tsushima Strait	
19	Saturday, September 1, 2018	Russia Tu-142 Two aircrafts	Long-range flight from the Sea of Japan to the Pacific Ocean through the East China Sea	
		Russia Su-24 One aircraft	Long-range flight over the Sea of Japan	
20	Wednesday, September 19, 2018	Russia Su-35 One aircraft	Long-range flight over the Sea of Japan	
		Russia Su-24 One aircraft		
		Presumed Russia One aircraft		