



Jan 23, 2019

Statistics on Scrambles up to the Third Quarter of FY2018

1. Overall

Air Self-Defense Force (ASDF) fighter aircrafts were scrambled 758 times up to the third quarter of FY2018, increase of 22 times compared to the same period of the previous fiscal year.

The breakdown of scrambles by country and region was about 63% against Chinese aircraft, about 36% 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

UP to the third quarter of FY2018, fighter aircrafts of the Northern Air Defense Force were scrambled 222 times, those of the Central Air Defense Force 37 times, those of the Western Air Defense Force 53 times, and those of the Southwestern Air Defense Force 446 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 up to the third Quarter of FY2018

ASDF fighter aircrafts were scrambled 476 times against Chinese aircrafts, which marked an increase of 81 times compared to the same period of the previous fiscal year.

ASDF fighter aircrafts were scrambled 270 times against Russian aircraft, which marked a decrease of 58 times compared to the same period of the previous fiscal year.

During the first three of FY2018, 28 cases were made public as unusual flights.

Scrambles against Chinese fighter aircraft and Russian intelligence gathering 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 December 31st, 2018

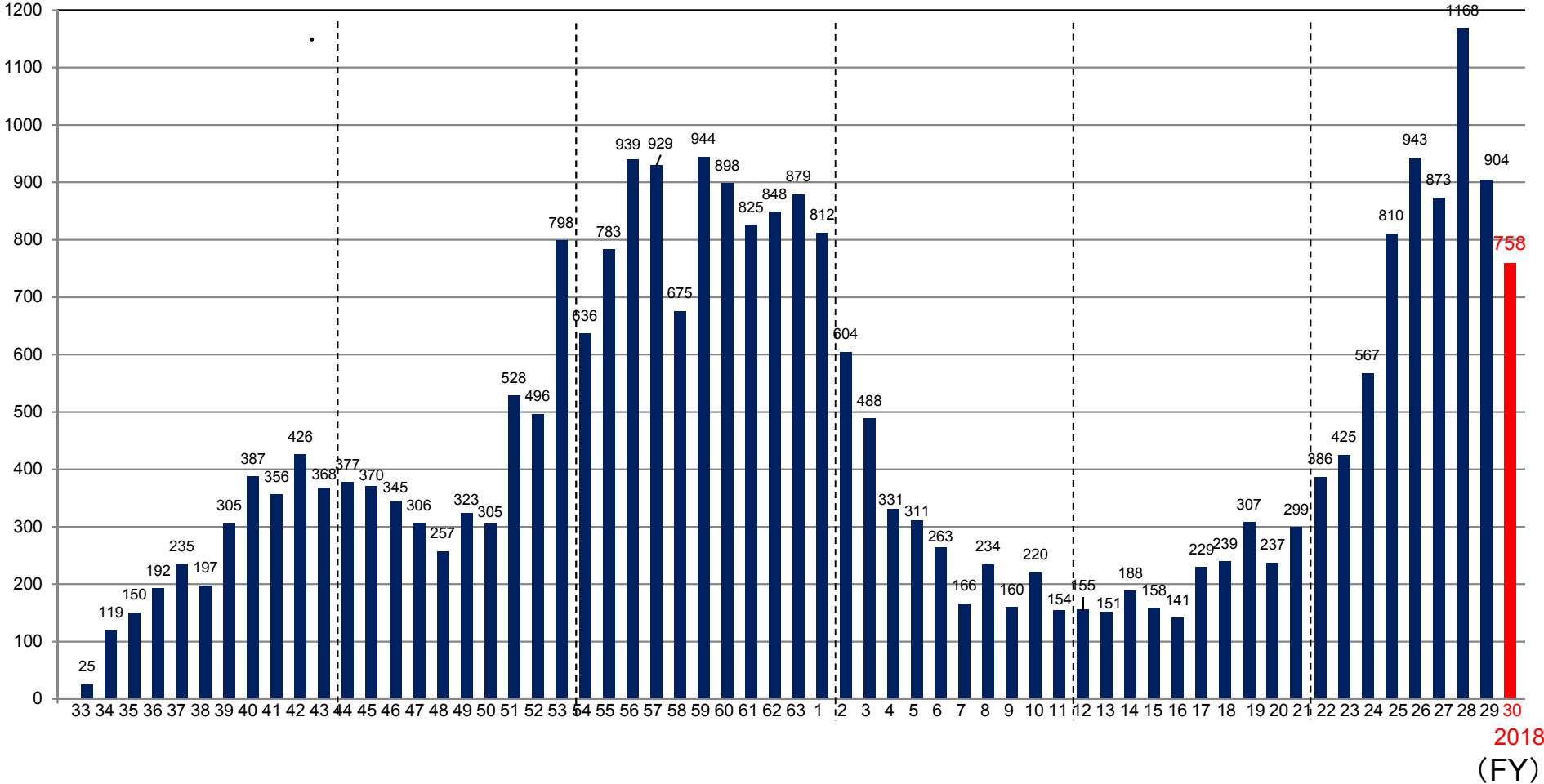
Reference

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 Third Quarter of FY2018

Number of Scrambles by Fiscal Year

(As of December 31, 2018)

(Times)

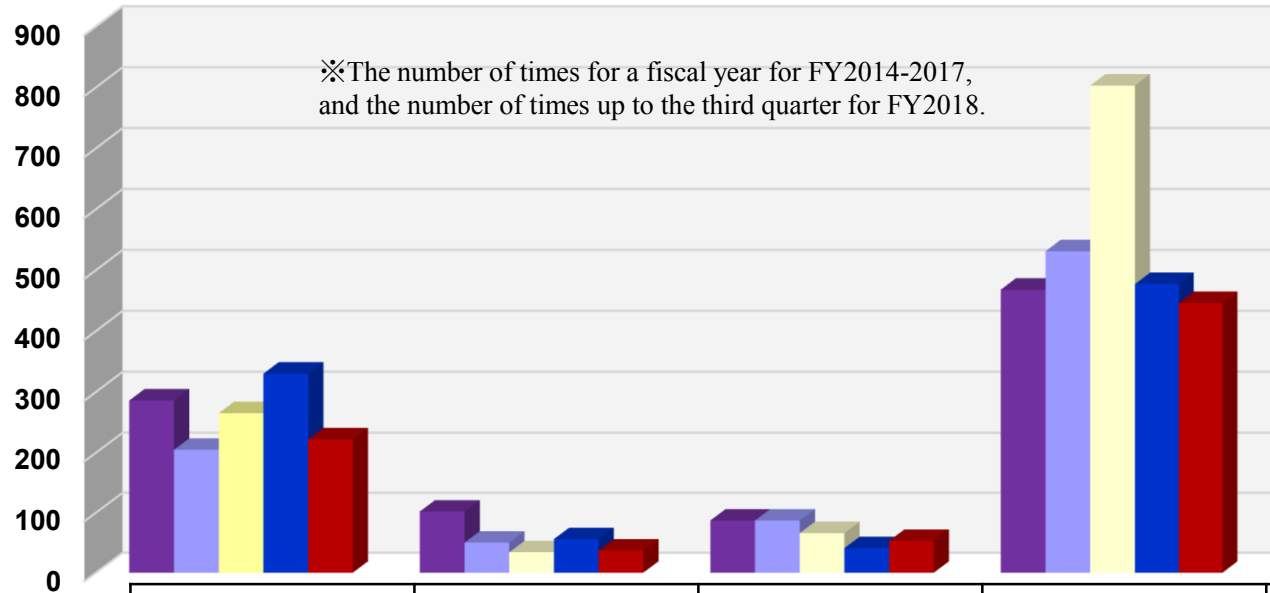


※The cumulative total for a fiscal year up to FY2017, and the number of times up to the third quarter for FY2018.

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

(Number of times)

(As of December 31, 2018)



	Northern Air Defense Force		Central Air Defense Force		Western Air Defense Force		Southwestern Air Defense Force		Total	
	FY	Up to Q3	FY	Up to Q3	FY	Up to Q3	FY	Up to Q3	FY	Up to Q3
■ FY2014	286	213	102	87	87	65	468	379	943	744
■ FY2015	205	136	50	25	87	54	531	352	873	567
■ FY2016	265	208	34	20	66	47	803	608	1168	883
■ FY2017	330	281	56	44	41	28	477	383	904	736
■ FY2018	—	222	—	37	—	53	—	446	—	758

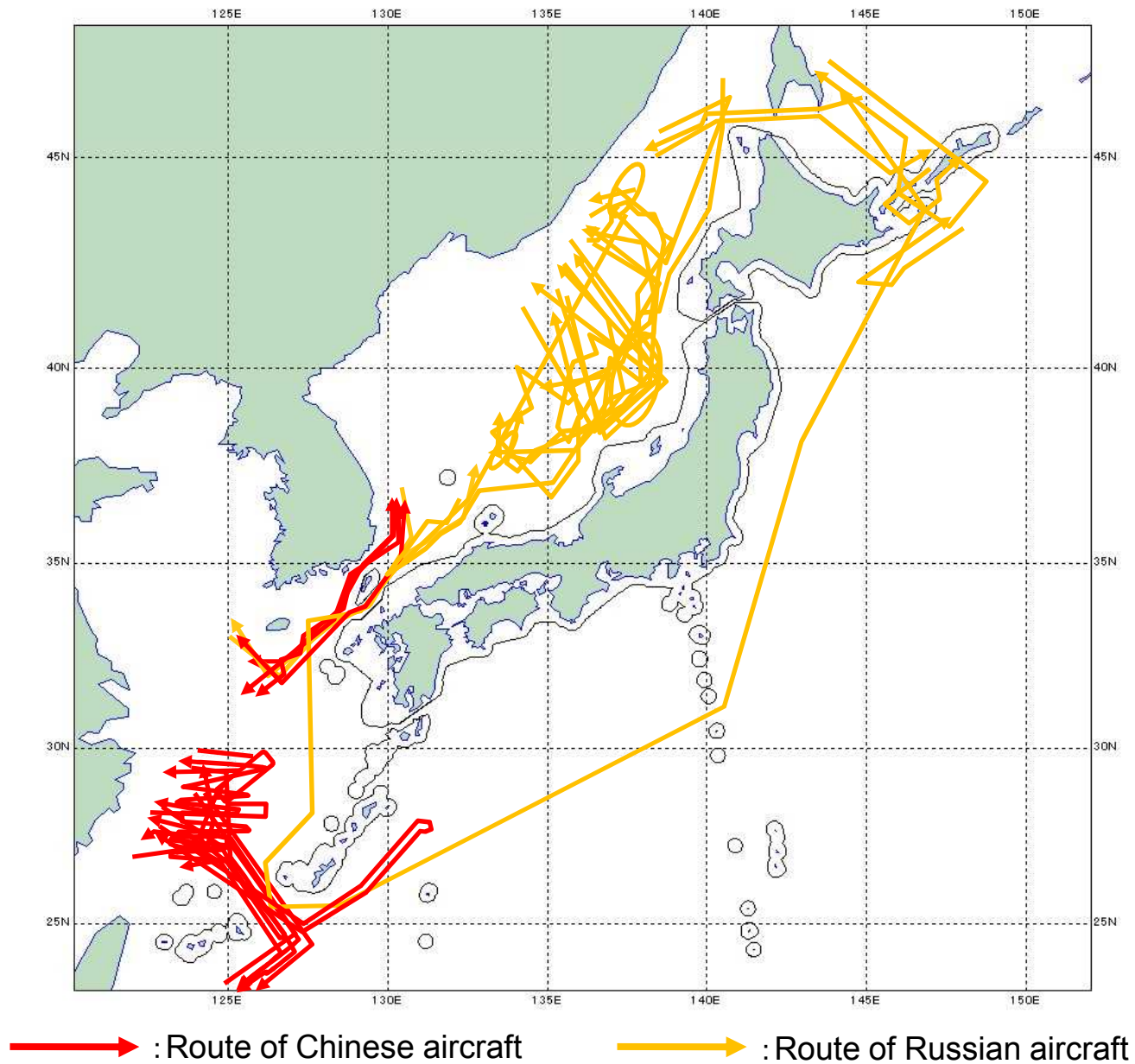
Number of Scrambles by Country/Region (Past Five Years)

(As of December 31, 2018)

Country and Region FY	Russia		China		Taiwan		North Korea		Other Countries		Total	
	FY	Up to Q3	FY	Up to Q3	FY	Up to Q3	FY	Up to Q3	FY	Up to Q3	FY	Up to Q3
2014	473	369	464	371	1	0	0	0	5	4	943	744
2015	288	183	571	373	2	1	0	0	12	10	873	567
2016	301	231	851	644	8	6	0	0	8	2	1168	883
2017	390	328	500	395	3	3	0	0	11	10	904	736
2018	—	270	—	476	—	0	—	0	—	12	—	758

※ 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





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		

List of Cases Made Public in FY2018 (Third Quarter)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
21	Thursday, October 18, 2018	Russia IL-38 Two aircrafts	Long-range flight over the Sea of Japan	
22	Monday, October 29, 2018	China Y-9 One aircraft	Round-trip flight from the East China Sea and the Sea of Japan through Tsushima Strait	
23	Thursday, November 8, 2018	Russia IL-38 One aircraft	Long-range flight over the Sea of Japan	
24	Monday, November 26, 2018	China Y-9 One aircraft	Round-trip flight from the East China Sea and the Sea of Japan through Tsushima Strait	
25	Wednesday, December 12, 2018	China Y-9 One aircraft	Round-trip flight from the East China Sea and the Pacific Ocean	
26	Friday, December 14, 2018	China Y-9 One aircraft	Round-trip flight from the East China Sea and the Pacific Ocean	
27	Wednesday, December 19, 2018	Russia Su-24 One aircraft	Long-range flight over the Sea of Japan	
28	Thursday, December 27, 2018	China Y-9 One aircraft	Round-trip flight from the East China Sea and the Sea of Japan through Tsushima Strait	