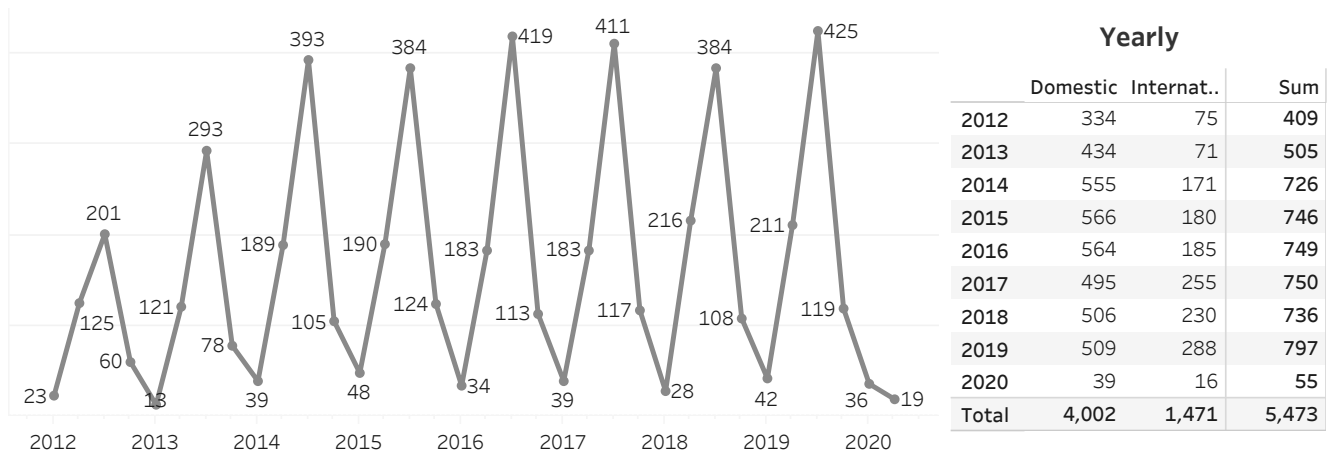


Birdstrike - 10 Year Period

A bird strike is strictly defined as a collision between a bird and an aircraft which is in flight or on a take off or landing roll



Norwegian aerodromes

Birdstrikes at or in the vicinity of the aerodrome

	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Bergen/Flesland	29	46	93	103	77	88	65	72	5	578
Stavanger/Sola	34	88	84	96	70	77	64	52	3	568
Oslo/Gardermoen	18	30	91	49	64	39	68	73	6	438
	98	39	9	6	20	51	44	29	2	298
Kristiansand/Kjevik	15	24	34	44	41	22	25	36		241
Other	23	23	31	30	34	19	31	39	5	235
Torp	13	21	29	32	22	11	32	42	3	205
Haugesund/Karmoy	8	17	22	36	28	31	20	32	3	197
Alesund/Vigra	8	17	17	25	27	27	33	26	3	183
Trondheim/Vaernes	15	22	22	15	31	27	24	24		180
Bodo	7	10	12	17	31	28	31	22	2	160
Rygge	16	25	31	27	35		1			135
Tromso/Langnes	10	15	10	15	9	13	7	8		87
Molde/Aro	3	8	12	12	14	9	3	7		68
Floro	8	11	7	5	7	4	7	7	2	58
Alta	7	6	8	6	6	4	3	6	1	47
Evenes	6	3	3	10	3	7	9	5		46
Bronnoysund/Bronnoy	6	2	11	6	4	6	4	4	1	44
Kristiansund/Kvernberget	2	2	1	6	10	3	10	2		36
Orland		3	2	6	6	1	6	5	1	30
Sandnessjoen/Stokka		1	3	6	4	7	3	2		26
Rost	1	6	1	2	3	4	4	1		22
Stokmarknes/Skagen	3	4	4	2		7	1	1		22
Leknes		4		1	5	4	4	2	1	21
Kirkenes/Hoybuktnoen	2		2	3	4	2	2	4		19
Svolvaer/Helle	3	3	7	1	2	1	1		1	19
Orsta-Volda/Hovden		1	5	2	6		1	2		17
Rorvik/Ryum		3	4	3	1	3	1			15
GULLKNAPP (PRIVATE)								2		2
Alicante								1		1
ASGARD A (OIL RIG)								1		1
Batsfjord							1			1
Hamburg							1			1
Koblenz/Kastell								1		1

Aircraft damage

Represents to what degree an aircraft was damaged

Minor: the aircraft can be rendered airworthy by simple repairs

Substantial: would normally require major repair, or replacement of the affected component

	2012	2013	2014	2015	2016	2017	2018	2019	2020
Destroyed	1								
Minor	7	13	21	24	14	11	10	11	1
None	385	471	703	717	734	738	710	748	53
Unknown	16	21	2	5	1	1	16	38	1

Consequential event

Most Birdstrikes have no consequences, and some may have several

		2012	2013	2014	2015	2016	2017	2018	2019	2020
None	Aircraft Return	1	3	14	7	8	6	15	10	
	Precautionary Landing	1	2	2		5	1	1		
Minor	Aircraft Return	3	1	2	1	2	3	2	2	1
	Precautionary Landing	2		1	1	1		1		
Unknown	Aircraft Return	1							3	
	Precautionary Landing								1	

Phase of flight

	2012	2013	2014	2015	2016	2017	2018	2019	2020
	41	21	23	31	27	20	18	9	2
Approach	43	57	97	100	107	100	119	132	9
En route	10	16	20	29	20	64	37	39	
Landing	133	201	273	288	275	277	245	251	24
Manoeuvring								2	
Standing	2	6	4	9	7		3	3	
Take-off	140	173	244	237	266	251	238	273	18
Taxi	2	1	4	3	5	2	1	3	
Unknown	39	33	62	49	43	38	75	90	2

Parts struck

One or more parts can be struck in a birdstrike

	2012	2013	2014	2015	2016	2017	2018	2019	2020	Sum
Engine 1	12	23	46	46	48	32	29	44	3	283
Engine 2	12	10	27	33	34	20	30	14	7	187
Engine 3			2	1		1	1	1		6
Engine 4			1							1
Fuselage	13	22	41	54	60	72	60	71	4	397
Landing gear	13	8	43	27	34	19	28	24	2	198
Lights	1		2	3		1		2		9
Nose excluding radome/ windshield	13	28	50	36	34	38	47	60		306
Other	291	323	385	403	387	368	355	392	32	2,936
Propeller	5	16	7	10	15	9	16	7	1	86
Radome	12	18	45	41	38	59	50	46	1	310
Rotor	7	3	6	2	5	3	12	8		46
Tail	1	2	4	2	5	2	5	5		26
Windshield	27	33	46	50	43	65	60	75	2	401
Wing	23	41	82	85	84	98	83	84	3	583

Bird size

	2012	2013	2014	2015	2016	2017	2018	2019	2020	Sum
Large: +1 kg	15	29	24	32	23	35	43	35	3	239
Medium: 0.1 - 1.0 kg	92	130	146	180	165	150	131	113	10	1,117
Small: 0 - 0.1 kg	127	259	394	378	395	359	315	345	20	2,592
Unknown	175	89	162	156	167	207	247	308	22	1,533

Bird species

2012	2013	2014	2015	2016	2017	2018	2019	2020	Sum
409	505	726	746	749	750	736	797	55	5,473