

Bird Strike Statistics in Norway

by Christian Kierulf Aas



Birdstrike-index Norwegian airports 2011

Birdstrike-index (bs-index) Norwegian airports 2011, based on reports to CAA Norway from the airlines, from ATC, or directly from the airports. The bs-index does not include single birdstrikes with small (or unknown) birds, but includes multipel birdstrikes with small birds, as well as single birdstrikes with medium and large sized birds. Flocks with the latter are weighted most.

No.	Airport	# bs in total	# aircr. movements	# bs medium sized/large birds	# mult. bs small (or unknown) birds	# mult. bs medium sized/large birds	bs-index *
1	Haugesund	17	8 516	4	9	0	15,3
2	Ålesund Vigra	19	13 896	7	6	2	12,2
3	Alta	10	10 953	4	0	3	9,1
4	Banak	2	3 564	1	0	1	8,4
5	Stokmarknes Skagen	6	6 102	5	0	0	8,2
6	Rygge	25	22 435	9	3	3	8,0
7	Florø	9	9 134	3	0	2	7,7
8	Røst	2	1 324	1	0	0	7,6
9	Kristiansand Kjevik	19	18 245	6	1	3	7,1
10	Andenes	2	3 127	2	0	0	6,4
11	Sandnessjøen Stokka	4	6 707	2	0	1	6,0
12	Brønnøysund	6	11 806	4	0	1	5,1
13	Sørkjosen	1	1 998	1	0	0	5,0
14	Stavanger	61	82 071	22	3	7	4,8
15	Honningsvåg	1	2 330	1	0	0	4,3
16	Mo i Rana	4	7 697	3	0	0	3,9
17	Leknes	2	5 604	0	0	1	3,6
18	Trondheim Værnes	29	57 912	14	2	2	3,5
19	Bodø	15	43 520	5	1	4	3,2
20	Molde	6	9 631	3	0	0	3,1
21	Førde	3	6 654	1	1	0	3,0
22	Vadsø	2	6 616	2	0	0	3,0
23	Røros	1	3 808	1	0	0	2,6
24	Sandefjord Torp	21	35 784	7	2	0	2,5
25	Kirkenes	2	8 735	1	1	0	2,3
26	Notodden	1	5 078	1	0	0	2,0
27	Tromsø	13	39 484	6	1	0	1,8
28	Bergen	41	103 183	14	2	1	1,7
29	Hammerfest	1	11 129	1	0	0	0,9
30	Kristiansund	2	13 935	1	0	0	0,7
31	Oslo	43	230 422	5	4	0	0,4

* bs-index = # bs with medium sized/large birds + # multipel bs with small birds (incl. unknown size) +

2X # multipel bs with medium sized/large birds.

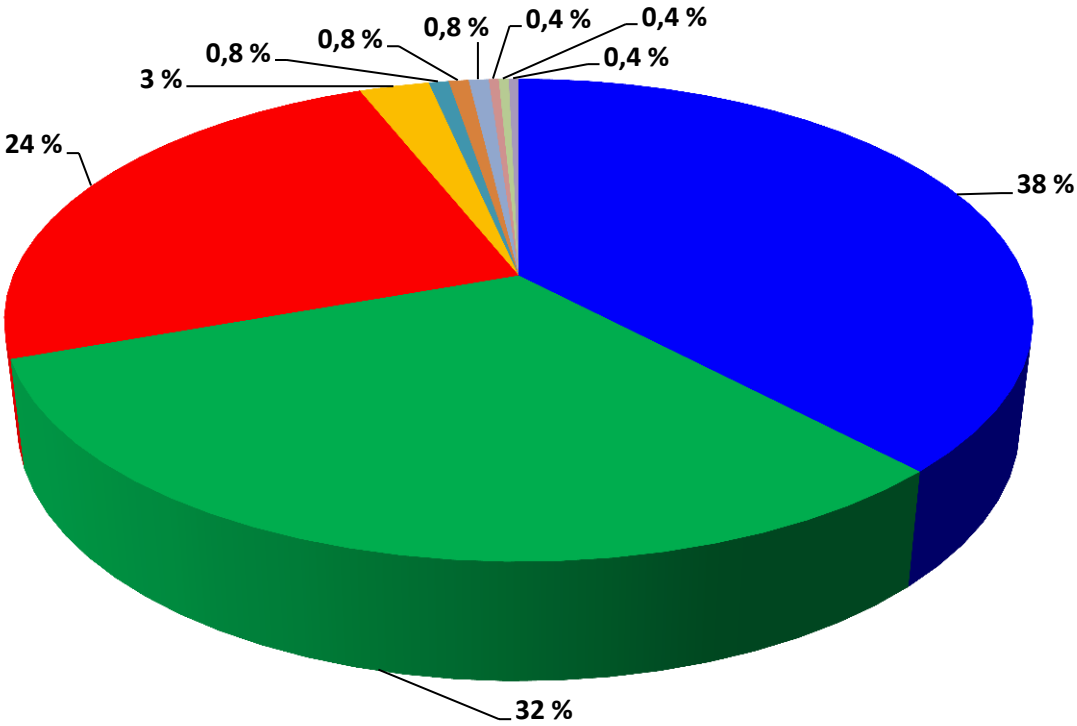
Higher risk birdstrike-rate Avinor's airports 2011-13

Higher risk birdstrike(bs)-rate Avinor's airports 2011-2013					
No.	Airport	higher risk bs-rate 2011	higher risk bs-rate 2012	higher risk bs-rate 2013	Average 2011-13
1	Røst	7,6	0,00	29,41	12,34
2	Haugesund Karmøy	15,3	5,33	6,11	8,91
3	Kristiansand Kjevik	5,5	6,87	8,22	6,86
4	Ålesund Vigra	10,8	2,04	6,85	6,56
5	Stokmarknes Skagen	8,2	4,87	6,58	6,55
6	Florø lufthavn	5,5	4,78	6,01	5,43
7	Hasvik	0,0	0,00	15,94	5,31
9	Stavanger Sola	3,9	3,95	5,15	4,33
8	Alta	6,4	4,00	1,98	4,13
10	Molde Årø	3,1	1,08	5,37	3,18
11	Sørkjosen	5,0	0,00	4,36	3,12
12	Honningsvåg Valan	4,3	0,00	4,64	2,98
15	Mehamn	0,0	3,63	4,25	2,63
16	Svolvær	0,0	0,00	7,78	2,59
13	Brønnøysund	4,2	0,83	2,48	2,50
18	Tromsø Langnes	1,8	2,97	2,14	2,30
19	Rørvik	0,0	3,35	3,19	2,18
21	Andøya	6,4	0,00	0,00	2,13
20	Trondheim Værnes	3,1	0,98	1,97	2,02
17	Sandnessjøen Stokka	4,5	0,00	1,38	1,96
22	Røros	2,6	3,08	0,00	1,89
14	Lakselv Banak	5,6	0,00	0,00	1,87
23	Mo i Rana	3,9	0,00	1,44	1,78
26	Harstad/Narvik Evenes	0,0	5,22	0,00	1,74
27	Bergen Flesland	1,6	0,97	1,98	1,52
24	Bodø	2,3	1,15	0,94	1,46
28	Narvik lufthavn, Framnes	0,0	4,13	0,00	1,38
29	Vardø	0,0	4,00	0,00	1,33
30	Sandane	0,0	0,00	3,62	1,21
31	Bardufoss	0,0	0,00	3,49	1,16
32	Kristiansund Kvernberget	0,7	1,39	1,38	1,16
25	Leknes	1,8	0,00	1,63	1,14
33	Kirkenes Høybukta	2,3	1,12	0,00	1,14
34	Mosjøen	0,0	3,31	0,00	1,10
35	Vadsø	3,0	0,00	0,00	1,00
36	Førde	3,0	0,00	0,00	1,00
37	Hammerfest	0,9	0,00	0,78	0,56
38	Svalbard Longyear	0,0	0,00	1,44	0,48
39	Oslo Gardermoen	0,4	0,13	0,41	0,31

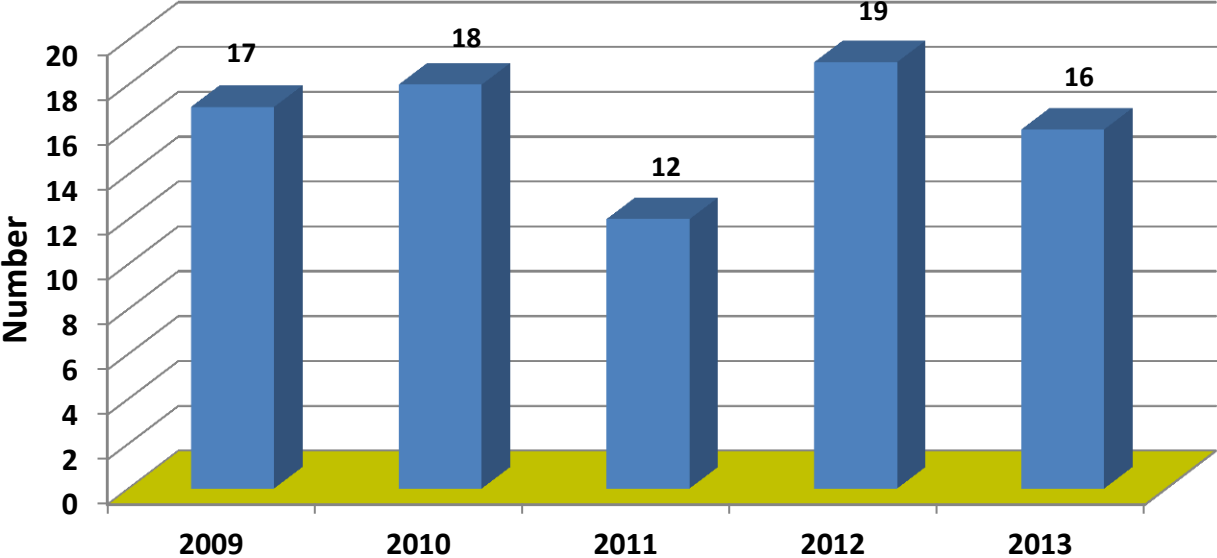
Birds involved in strikes at Norwegian airports in 2013

Birdstrikes Norwegian civil airports 2013 by bird group (n=266)

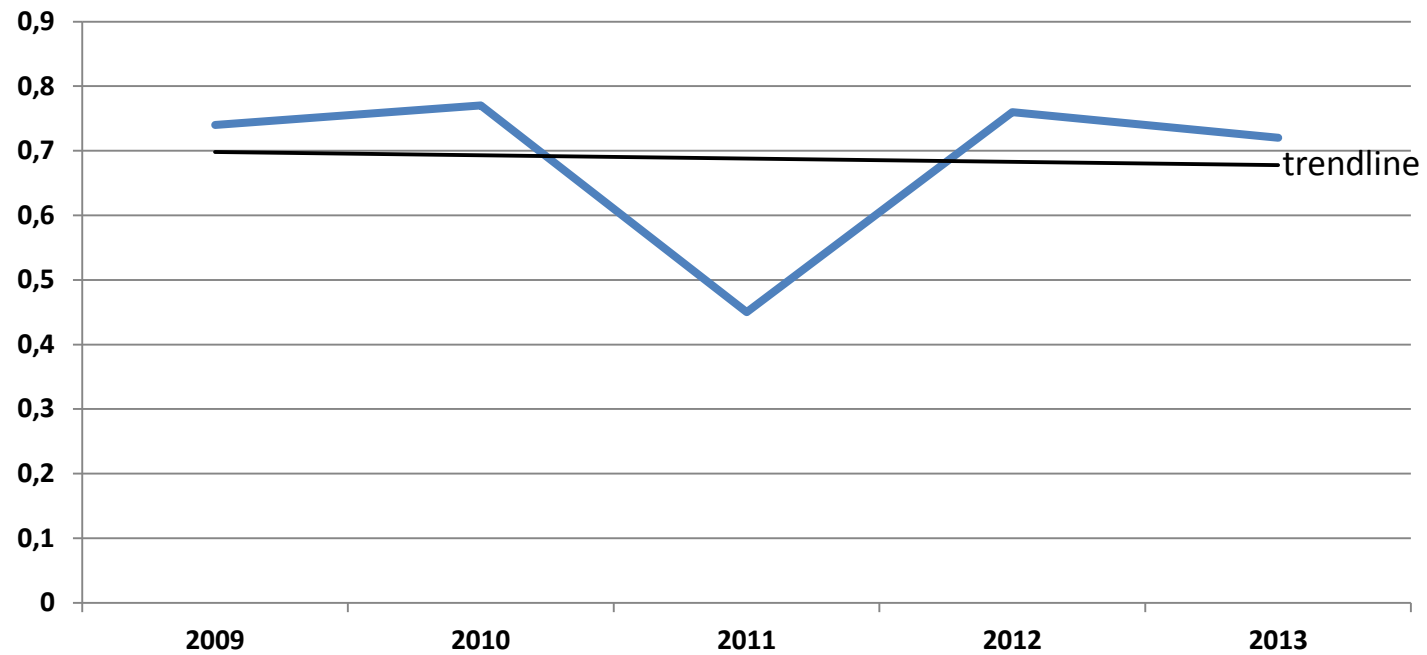
- passerine birds
- gulls
- wading birds
- geese and ducks
- pigeons
- owls
- birds of prey
- divers
- ptarmigans
- nightjars



Birdstrikes in Royal Norwegian Air Force 2009-2013



Birdstrike-rate (# strikes per 1000 flying hours) RNoAF 2009-2013



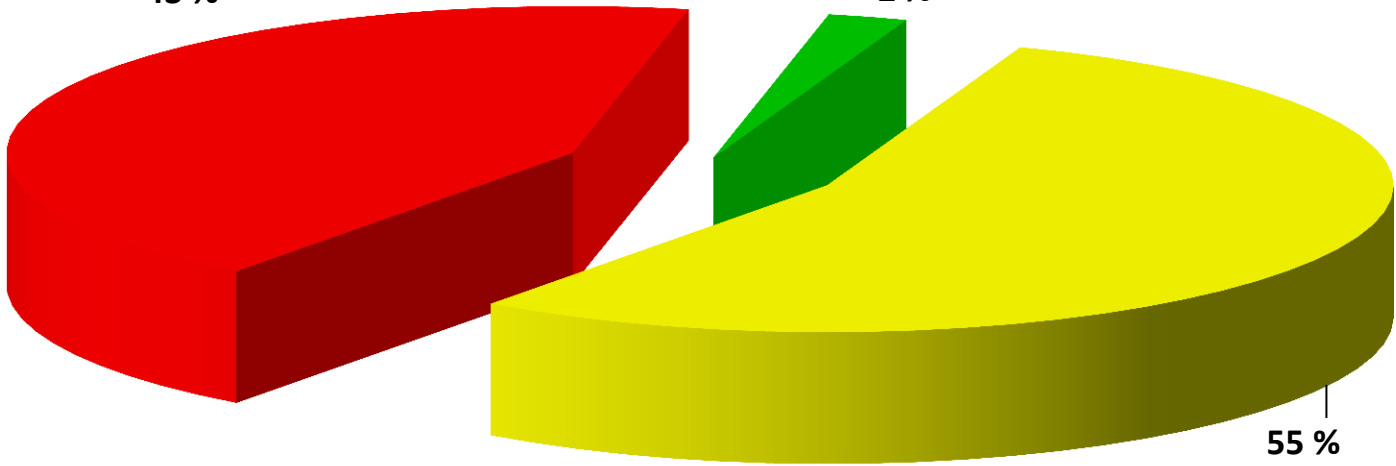
RNoAF birdstrikes 2008-2013 by phase of flight (n=88)

■ on base (incl. climb and approach) ■ en-route ■ hover

43 %

2 %

55 %



Birdstrikes in RNoAF 1985-2013 by month (n=722 strikes)

