

International blue whiting spawning stock survey 2013

Summary results



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Survey plan

Planned

Actual

No Norway in 2013

Temporal progression

Total time: 19 days
[Range 14-28 days]

Survey effort

Survey area: 87,895nm²
Transects: 7,456nmi
Transect spacing:
30 nmi (per vessel)
7.5 nmi (combined)
Biological sampling
3,044 fish aged
7,044 measured

CTD 150 stations

Blue whiting distribution

2012

2013

Survey biomass

Spawning stock
3.16 mill. tonnes
24405 mill. individuals

Strong emerging yr class from 2012 survey

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Change from 2012 (%)
Biomass Total	3.6	2.6	3.4	3.6	2.6	2	1.3	1.6	2.2	3.4	55%
(mill t) Mature	3.6	2.4	3.3	3.6	2.6	2	1.3	1.5	2.2	3.2	45%
Numbers Total	41.9	29	34.7	33.5	22.1	15.2	9.3	12.1	18.2	27	48%
(10 ⁶) Mature	39.2	26.7	33.8	32.9	21.7	15.0	8.9	9.7	16.5	24.4	48%
Survey area (km ²)	149,000	172,000	170,000	135,000	127,000	133,900	109,320	68,851	88,746	87,895	-1%

