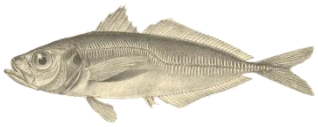
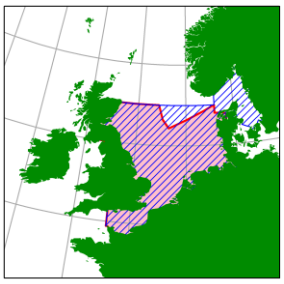
NORTH SEA HORSE MACKEREL



Divisions 3.a (eastern part), 4.b-c and 7.d

ADVICE FOR 2023

ICES advises that when the precautionary approach is applied, catches should be no more than 8,969 t in 2022 and 2023.



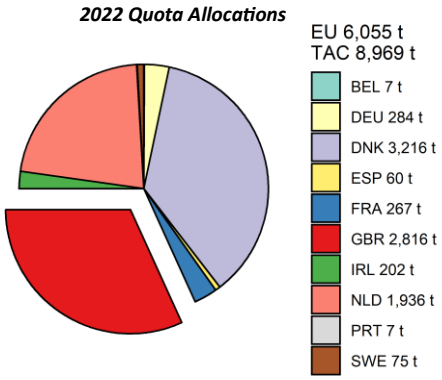
KEY POINTS

ICES Assessment Category	3 (Trend–based assessment)	
Management Plan	No	
Advice Basis	ICES PA approach	Catch=8,969 t
Ranges	F_{MSY} Range Lower	Not Available
	F_{MSY}	Not Available
	F_{MSY} Range Upper	Not Available
Landing Obligation	From 2015	Area and gear specific de minimis exemptions in 2021-23*

* Commission delegated regulations 2020/2015

MANAGEMENT IN 2022

- The stock distribution area is Divisions 4.b-c, 7.d and also 3.a and 4.a in quarters 1 and 2.
- The agreed TAC covers 4.b-c and 7.d. There is no TAC covering Norwegian waters or the fisheries in Divisions 3.a and 4.a (quarters 1 and 2).
- Up to 5% of the quota may consist of bycatches of boarfish, haddock, whiting and mackerel provided that, in combination with provisions for other bycatch species, the total does not exceed 9% of the quota.
- Quota uptake has increased in recent years as the TAC has been reduced. The largest proportion of catch is taken in Division 7.d where a large proportion of the catch consists of juvenile fish.



KEY STOCK CONSIDERATIONS

- Advice for this stock is biennial.
- The stock is considered to remain at a low level.
- The stock was benchmarked in 2017 and an abundance index based on groundfish surveys in the North Sea was developed. Consequently, the stock is now in category 3 and the index is used to provide catch advice.
- In 2012, catches from Division 7.d accounted for over 80% of the total catch. Since then catches in this area has decreased (to 65% in 2021).

For ICES advice on Horse mackerel (*Trachurus trachurus*) in divisions 3.a, 4.b–c, and 7.d - please see:
https://www.ices.dk/sites/pub/Publication%20Reports/Advice/2021/2021/hom.27.3a4bc7d.pdf