

Unmanaged Landings Report



VIMS

MAFMC Meeting
June 9, 2021

Outline

- Unmanaged landings report
- Thread herring EFP application



Peter Meyer

Unmanaged Landings Report

- Commercial landings of species in locations where they are not managed at the state or federal level, ME-NC.
 - Managed = possession limit, size limit, seasonal closure, and/or limited access.
- Data from state-only and federal dealer reports from the ACCSP Data Warehouse.
- Tables: species with highest landings, all EC species, and species with increasing landings.



Top 25 Species

Common Name	Code	2015	2016	2017	2018	2019	2020	Avg
MUSSELS	781	15,342,427	11,578,754	10,480,326	5,642,701	879,771	1,486,785	7,568,461
CATFISH, BLUE	67	3,697,016	4,123,309	5,199,117	5,093,158	5,120,580	4,360,167	4,598,891
HAGFISH	150	2,204,603	1,871,105	1,558,251	C	C	C	1,877,986
CONCHS	775	2,666,958	1,066,324	1,234,770	2,368,253	1,901,907	1,103,881	1,723,682
QUAHOG	748	3,113,556	3,028,273	159,961	57,390	23,238	41,426	1,070,641
CRAB, BLUE	700	2,580,077	3,450,444	0	0	0	0	1,005,087
OTHER FISH	526	1,810,527	1,291,616	656,646	844,650	753,287	122,996	913,287
STRIPED MULLET	235	612,729	461,742	778,353	832,924	896,851	691,531	712,355
WHITING, KING	197	564,373	582,919	814,345	327,756	487,327	431,707	534,738
CRUSTACEANS NK	834	0	160,171	234,650	170,342	527,698	447,935	256,799
TUNA, LITTLE	468	212,072	220,244	279,355	232,494	246,951	259,370	241,748
CUTLASSFISH, ATL	99	183,313	61,042	50,840	158,763	287,906	514,328	209,365
MOLLUSKS NK	804	619,872	96,249	179,234	170,703	103,211	38,808	201,346
HARVEST FISH	165	237,082	209,841	172,931	130,037	99,184	102,781	158,643
JOHN DORY	188	206,857	209,695	246,233	122,198	102,405	61,267	158,109
CLAM, BLOODARC	743	113,270	104,888	212,229	98,894	128,042	97,503	125,804
KELP, SUGAR	833	0	C	101,571	99,301	256,646	C	114,380
SEA ROBINS	341	122,319	206,341	149,469	77,456	70,839	30,955	109,563
PERCH, WHITE	506	135,060	139,261	79,294	99,326	117,733	86,474	109,525
OYSTERS	789	0	44,590	79,442	106,065	144,679	174,927	91,617
CRAB, ROCK	712	376,418	57,746	41,900	43,332	10,989	11,916	90,384
CATFISH(SEA)	69	122,786	94,736	C	50,650	43,274	126,630	87,615
PUFFER, NORTHERN	429	91,413	102,934	100,913	70,606	88,364	29,689	80,653
SHRIMP (PENAEID)	738	C	C	C	12,629	44,624	162,457	73,237
HERRING (NK)	167	C	49,567	C	C	54,697	95,906	66,723

Top 25 Finfish Species

Common Name	Code	2015	2016	2017	2018	2019	2020	Avg
CATFISH, BLUE	67	3,697,016	4,123,309	5,199,117	5,093,158	5,120,580	4,360,167	4,598,891
HAGFISH	150	2,204,603	1,871,105	1,558,251	C	C	C	1,877,986
OTHER FISH	526	1,810,527	1,291,616	656,646	844,650	753,287	122,996	913,287
STRIPED MULLET	235	612,729	461,742	778,353	832,924	896,851	691,531	712,355
WHITING, KING	197	564,373	582,919	814,345	327,756	487,327	431,707	534,738
TUNA, LITTLE	468	212,072	220,244	279,355	232,494	246,951	259,370	241,748
CUTLASSFISH, ATL	99	183,313	61,042	50,840	158,763	287,906	514,328	209,365
HARVEST FISH	165	237,082	209,841	172,931	130,037	99,184	102,781	158,643
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CATFISH (SEA)	69	122,786	94,736	C	50,650	43,274	126,630	87,615
PUFFER, NORTHERN	429	91,413	102,934	100,913	70,606	88,364	29,689	80,653
HERRING (NK)	167	C	49,567	C	C	54,697	95,906	66,723
EEL, CONGER	116	44,874	47,459	57,568	90,772	49,819	55,257	57,625
CUSK	96	82,397	58,323	56,440	48,825	42,775	50,778	56,590
BONITO	33	69,033	47,030	51,819	41,514	63,548	59,855	55,467
SILVERSIDE, NK	363	61,286	120,019	37,976	28,314	13,482	23,710	47,465
SILVERSIDE, ATL	362	20,810	32,470	23,132	16,805	68,371	54,914	36,084
SPADEFISH	381	21,664	23,690	35,844	25,988	30,485	25,989	27,277
RIBBONFISH	98	36,573	15,376	11,615	6,459	49,869	39,185	26,513
HERRING, ATL THREAD	174	C	C	30,482	11,515	13,432	C	18,476
MULLET	234	10,480	15,408	28,951	7,864	11,737	29,306	17,291
RAY, COWNOSE	285	C	C	C	C	16,924	C	16,924
TUNA, BLACKFIN	464	14,834	11,361	15,255	15,882	19,985	19,926	16,207

Ecosystem Component Species

(Unmanaged Forage Amendment Species)

Common Name	Code	2015	2016	2017	2018	2019	2020	Avg
MOLLUSKS NK	804	619,872	96,249	179,234	170,703	103,211	38,808	201,346
HERRING (NK)	167	C	49,567	C	C	54,697	95,906	66,723
SILVERSIDE, NK	363	61,286	120,019	37,976	28,314	13,482	23,710	47,465
SILVERSIDE, ATL	362	20,810	32,470	23,132	16,805	68,371	54,914	36,084
HERRING, ATL THREAD	174	C	C	30,482	11,515	13,432	C	18,476
SQUIDS, LOLIGINIDAE	803	659	10,940	4,526	C	1,418	1,936	3,896
EEL, SAND (LAUNCE)	206	3,367	C	C	C	C	0	1,684
HERRING, ROUND	166	0	0	C	C	70	844	229
ARGENTINE	171	C	0	0	0	0	0	C
BAY ANCHOVY	6	C	C	C	C	C	C	C

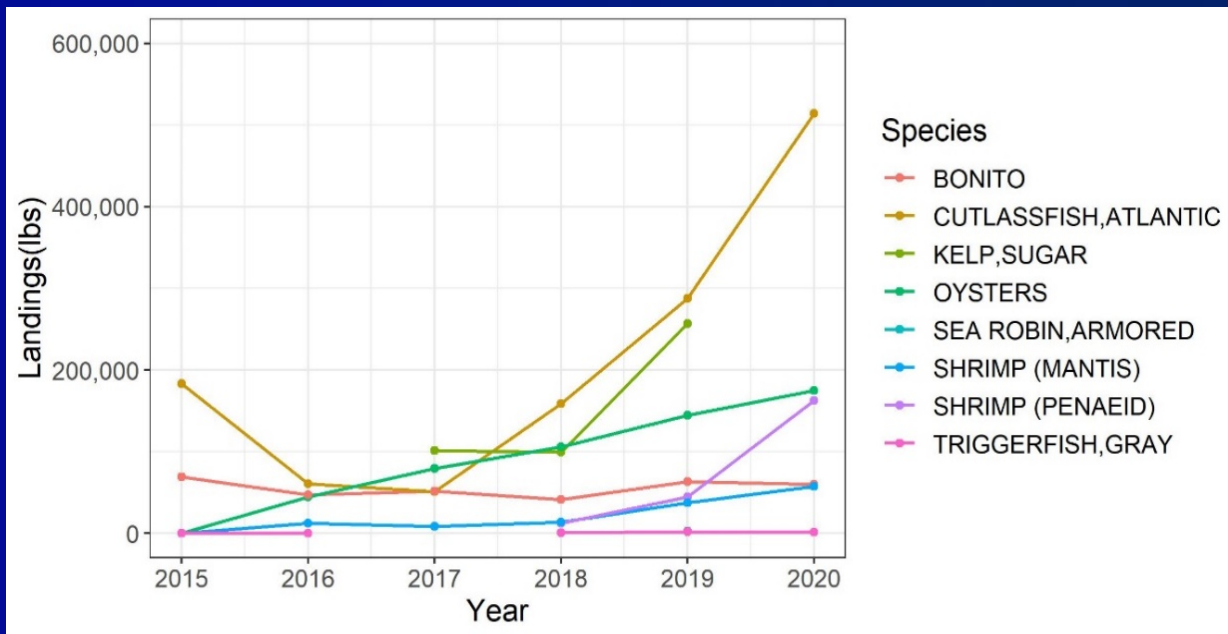
Developing Fisheries?

Two ways of monitoring:

- **Increasing rank order over time**
 - Can show “big movers”
- **Consistently increasing landings over time**
 - Captures steady increases, regardless of scale or pace of increase
 - Fewer species that increasing rank order over time

Increasing Rank Order, 2017-2020

Common Name	Code	2015	2016	2017	2018	2019	2020	Avg
CATFISH, BLUE	67	3,697,016	4,123,309	5,199,117	5,093,158	5,120,580	4,360,167	4,598,891
CUTLASSFISH, ATL	99	183,313	61,042	50,840	158,763	287,906	514,328	209,365
KELP, SUGAR	833	0	C	101,571	99,301	256,646	C	114,380
OYSTERS	789	0	44,590	79,442	106,065	144,679	174,927	91,617
SHRIMP (PENAEID)	738	C	C	C	12,629	44,624	162,457	73,237
BONITO	33	69,033	47,030	51,819	41,514	63,548	59,855	55,467
SHRIMP (MANTIS)	737	358	12,171	8,203	13,378	37,279	57,580	21,495
SEA ROBIN, ARMORED	343	C	C	C	C	2,774	C	2,774
TRIGGERFISH, GRAY	457	0	0	C	898	2,121	1,456	895



Increasing Landings Each Year, 2017-2020

Common Name	Code	2015	2016	2017	2018	2019	2020	Avg
CUTLASSFISH, ATL	99	183,313	61,042	50,840	158,763	287,906	514,328	209,365
OYSTERS	789	0	44,590	79,442	106,065	144,679	174,927	91,617
SHRIMP (PENAEID)	738	C	C	C	12,629	44,624	162,457	73,237
CRAB, GREEN	708	26,873	23,849	14,888	52,592	64,729	115,607	49,756
SEA URCHINS	805	49,941	56,548	C	23,984	26,044	28,370	36,977
SHRIMP (MANTIS)	737	358	12,171	8,203	13,378	37,279	57,580	21,495
CREVALLE	87	5,844	7,959	3,959	7,424	8,355	16,998	8,423
SEA ROBIN, ARMORED	343	C	C	C	C	2,774	C	2,774

Changes in Management Measures

- **Sand lance** (ecosystem component species)
 - New possession limit in Massachusetts, effective May 2020
 - New possession limit in Rhode Island will be effective in 2021
- **Gray triggerfish** (increasing rank 2017-2020)
 - Virginia has discussed the potential for management, but preferred path forward not yet determined
- **Penaid shrimp** (increasing rank & increasing landings 2017-2020)
 - **Virginia**
 - Experimental fishery
 - Developing regulations for limited access fishery off Virginia Beach
 - Eastern shore area fishery will remain experimental
 - Most landings are white shrimp; some exotic tiger and brown shrimp
 - **Maryland**
 - Also considering developing commercial management measures

Thread Herring EFP

- Lund's Fisheries submitted application to GARFO.
- Exemption from 1,700 lb possession limit.
- Demonstrate potential for EEZ purse seine fishery for Atlantic thread herring.
- May – Nov 2022.
- 3,000 MT / 6.6 million pound catch limit requested.
- Anticipated average trip: 80-100,000 lb.
- Biological sampling (length, weight).
- Any bycatch will be recorded.

Forage Amendment Goal

- Prohibit the development of new and expansion of existing directed commercial fisheries on unmanaged forage species in mid-Atlantic federal waters until the Council has had an adequate opportunity to assess the scientific information relating to any new or expanded directed fisheries and consider potential impacts to existing fisheries, fishing communities, and the marine ecosystem.
 - Use of an EFP, and Council review of that EFP, should be a first step towards considering expanded fisheries for these species.

Thread Herring EFP – Next Steps

- GARFO will publish Federal Register notice with comment period.
 - Timing TBD.
- MAFMC can provide comment on issuance of EFP.
- Staff recommendation:
 - If Council comment letter desired, work through EOP Committee.

Discussion

- Comments/questions on:
 - Unmanaged landings report
 - Thread herring EFP
- Work through EOP Committee to provide comments on EFP application?