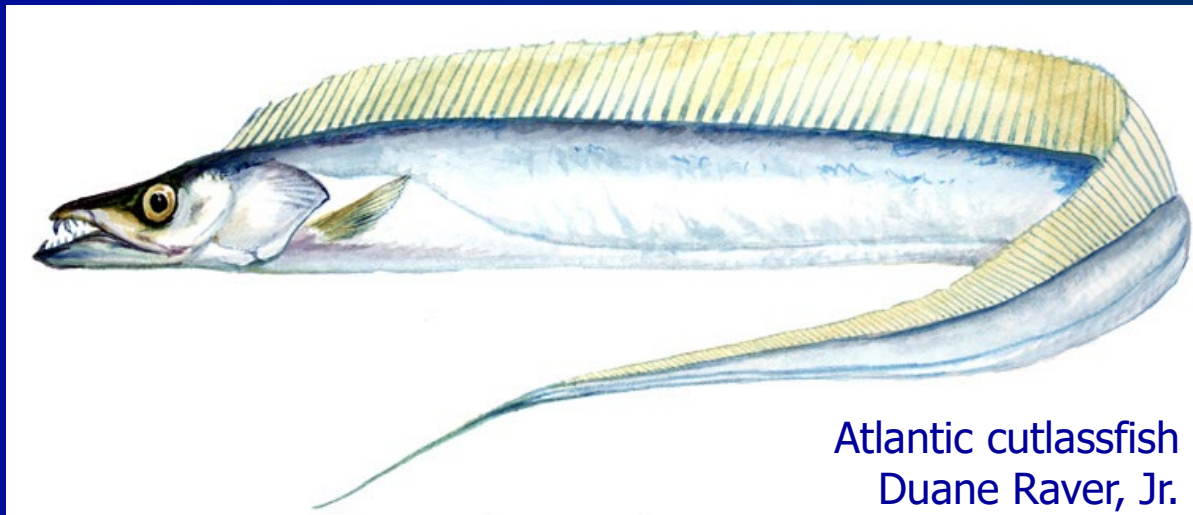


Unmanaged Commercial Landings Report



Atlantic cutlassfish
Duane Raver, Jr.

MAFMC Meeting
June 6, 2023

What's In The 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, as well as VTRs.
- Tables: species with highest landings, all EC species, and species with increasing landings.
- Many thanks to Sara Turner at GARFO APSD!

CAMS Data

- Previous reports used dealer data.
- CAMS vs dealer data:
 - CAMS includes “VTR orphans.”
 - I.e., landings reported on VTRs as retained on commercial trips but not sold to a dealer.
 - Only minor differences between dealer and CAMS data after VTR orphans accounted for.
 - CAMS uses “ITIS” species coding system. Dealer data used “NESPP3” codes.



Updates Since 2022 Report

- Accounts for new CT measures for:
 - Tidewater and Atlantic silversides
 - Sand lance/sand eels
 - Bay anchovy
 - Channeled and knobbed whelk
- Accounts for new MD measures for penaeid shrimp.



Atlantic Silverside
D. Flesher

Top 25 Species

Common Name	2018	2019	2020	2021	2022	2016-22 Avg
MUSSEL, BLUE	5,642,701	879,771	1,486,785	C	5,276,183	7,241,004
CATFISH, BLUE	5,093,143	5,120,580	4,778,063	6,909,340	7,562,032	5,309,837
ROCKWEED	9,228,619	C	C	0	C	5,131,591
SKATE	1,988,486	964,441	743,947	648,005	1,476,392	2,053,960
HAGFISH	C	C	2,248,887	1,321,527	C	1,840,876
WHELK/CONCH	2,356,279	1,839,724	1,153,229	1,462,175	1,578,521	1,513,706
MULLET, STRIPED	832,924	896,851	691,531	1,225,434	1,745,312	905,610
FINFISH	890,175	735,921	193,148	231,193	199,565	781,627
KING WHITING	337,555	512,955	448,161	511,765	664,020	561,477
CUTLASSFISH, ATL	158,763	287,906	514,418	1,150,385	1,034,479	430,144
CRAB	703,303	925,424	403,624	125,227	22,032	344,258
CONCH	182,361	165,369	191,365	361,146	210,789	273,973
SHRIMP, N. WHITE	171,843	C	447,251	582,809	C	269,817
TUNA, LITTLE	232,617	252,816	260,400	119,495	148,626	216,221
DORY, JOHN	125,259	104,418	64,196	73,821	57,500	137,389
DEALFISH	C	159,984	225,264	63,015	250,219	128,866
KELP, SUGAR	99,301	256,646	C	C	C	114,380
FINFISH	2,745	666	23,398	457,512	337,473	107,290
CLAM, BLOOD ARC	98,894	128,054	97,976	48,079	24,034	103,444
PERCH, WHITE	99,327	117,733	87,908	65,936	83,223	100,988
CLAM, N. QUAHOG	57,390	23,238	41,186	108,939	44,067	91,661
SCALLOP, BAY	C	68,775	257,249	C	23,353	87,344
SEA ROBIN	80,085	76,732	32,386	20,041	25,503	86,307
HARVESTFISH	98,258	74,044	78,428	55,560	35,133	86,305
CRAB, GREEN	52,659	64,887	132,675	173,717	142,107	78,971
CRAB, ATL ROCK	46,603	11,255	13,905	13,184	15,336	73,135

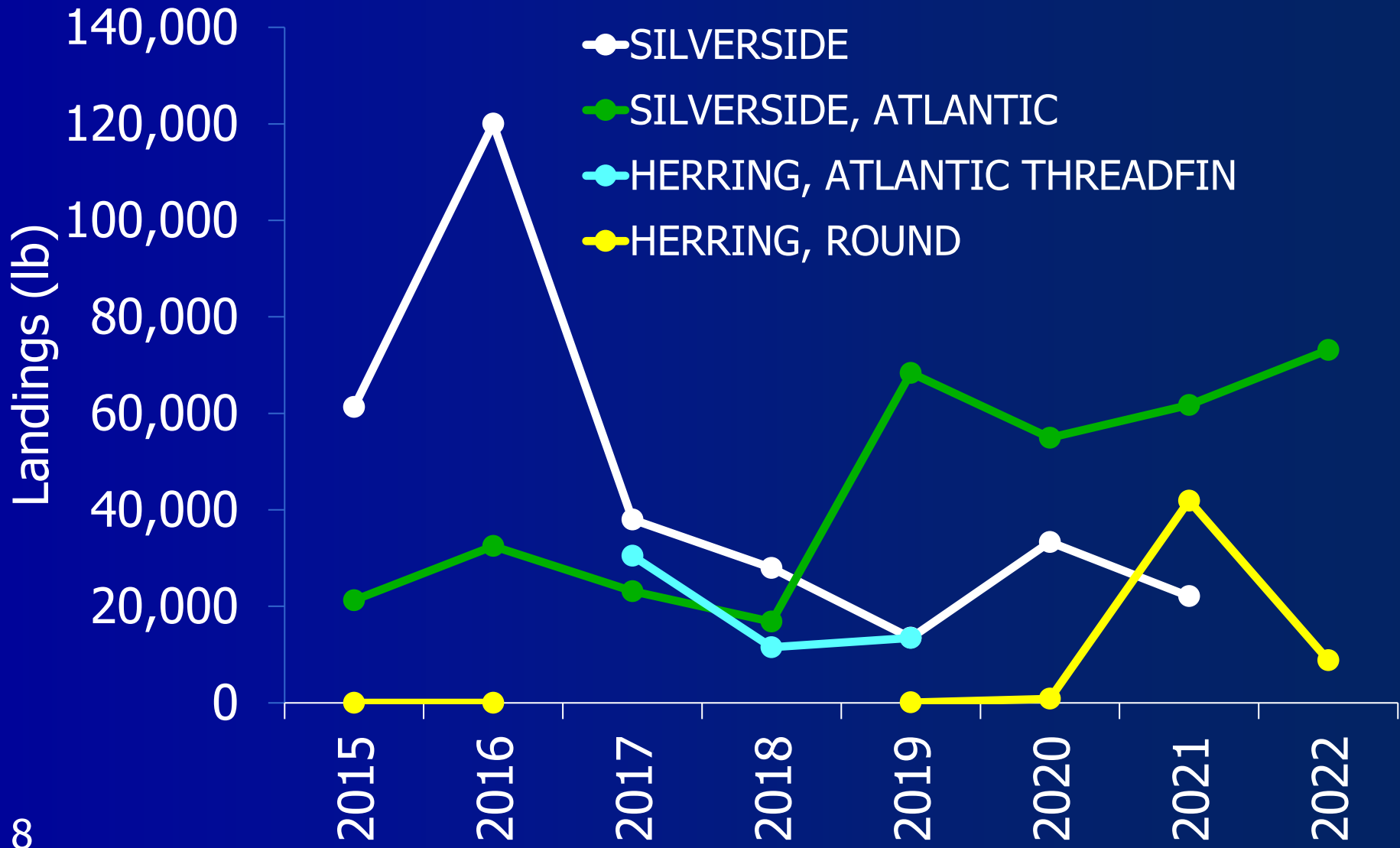
Top 25 Finfish Species						
Common Name	2018	2019	2020	2021	2022	2016-22 Avg
CATFISH, BLUE	5,093,143	5,120,580	4,778,063	6,909,340	7,562,032	5,309,837
SKATE	1,988,486	964,441	743,947	648,005	1,476,392	2,053,960
HAGFISH	C	C	2,248,887	1,321,527	C	1,840,876
MULLET, STRIPED	832,924	896,851	691,531	1,225,434	1,745,312	905,610
FINFISH	890,175	735,921	193,148	231,193	199,565	781,627
KING WHITING	337,555	512,955	448,161	511,765	664,020	561,477
CUTLASSFISH, ATL	158,763	287,906	514,418	1,150,385	1,034,479	430,144
TUNA, LITTLE	232,617	252,816	260,400	119,495	148,626	216,221
DORY, JOHN	125,259	104,418	64,196	73,821	57,500	137,389
DEALFISH	C	159,984	225,264	63,015	250,219	128,866
FINFISH	2,745	666	23,398	457,512	337,473	107,290
PERCH, WHITE	99,327	117,733	87,908	65,936	83,223	100,988
SEA ROBIN	80,085	76,732	32,386	20,041	25,503	86,307
HARVESTFISH	98,258	74,044	78,428	55,560	35,133	86,305
PUFFER, NOTHERN	70,710	89,427	36,787	14,757	12,009	64,921
EEL, CONGER	94,842	55,773	57,676	45,046	62,865	60,408
CUSK	50,115	44,143	51,423	70,046	57,377	59,175
HARVESTFISH	31,796	25,145	24,489	20,302	37,026	51,209
BONITO, ATL	42,791	64,304	61,024	23,475	13,415	47,423
SILVERSIDE	27,934	13,466	33,319	22,085	C	45,155
SILVERSIDE, ATL	16,810	68,371	54,914	61,732	73,128	43,976
RIBBONFISH	C	49,228	38,855	38,199	73,490	37,591
HERRING	53,235	1,947	95,999	841	2,097	33,948
MULLET	9,283	14,529	30,952	65,634	25,870	29,765
SPADEFISH	26,012	30,492	26,122	29,756	26,580	27,538
TUNA, BLACKFIN	15,882	19,985	20,011	30,837	22,318	18,833

Ecosystem Component Species

(Unmanaged Forage Amendment Species)

Common Name	2016	2017	2018	2019	2020	2021	2022	Avg
SILVERSIDE	120,019	37,976	27,934	13,466	33,319	22,085	C	45,155
SILVERSIDE, ATL	32,471	23,132	16,810	68,371	54,914	61,732	73,128	43,976
HERRING	49,567	C	53,235	1,947	95,999	841	2,097	33,948
HERRING, ATL THREADFIN	C	30,482	11,515	13,432	C	C	C	18,476
HERRING, ROUND	0	C	C	70	844	41,893	8,815	8,604
SQUID, LOLIGINIDAE	10,940	4,526	C	1,393	2,131	1,981	2,403	3,463
ANCHOVY, BAY	926	C	C	C	C	223	19	389
SAND LANCE	C	C	C	C	C	C	C	0
ARGENTINE	0	0	0	0	0	0	0	0
UNCLASSIFIED SQUID	0	C	0	C	C	C	C	0

EC Species



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

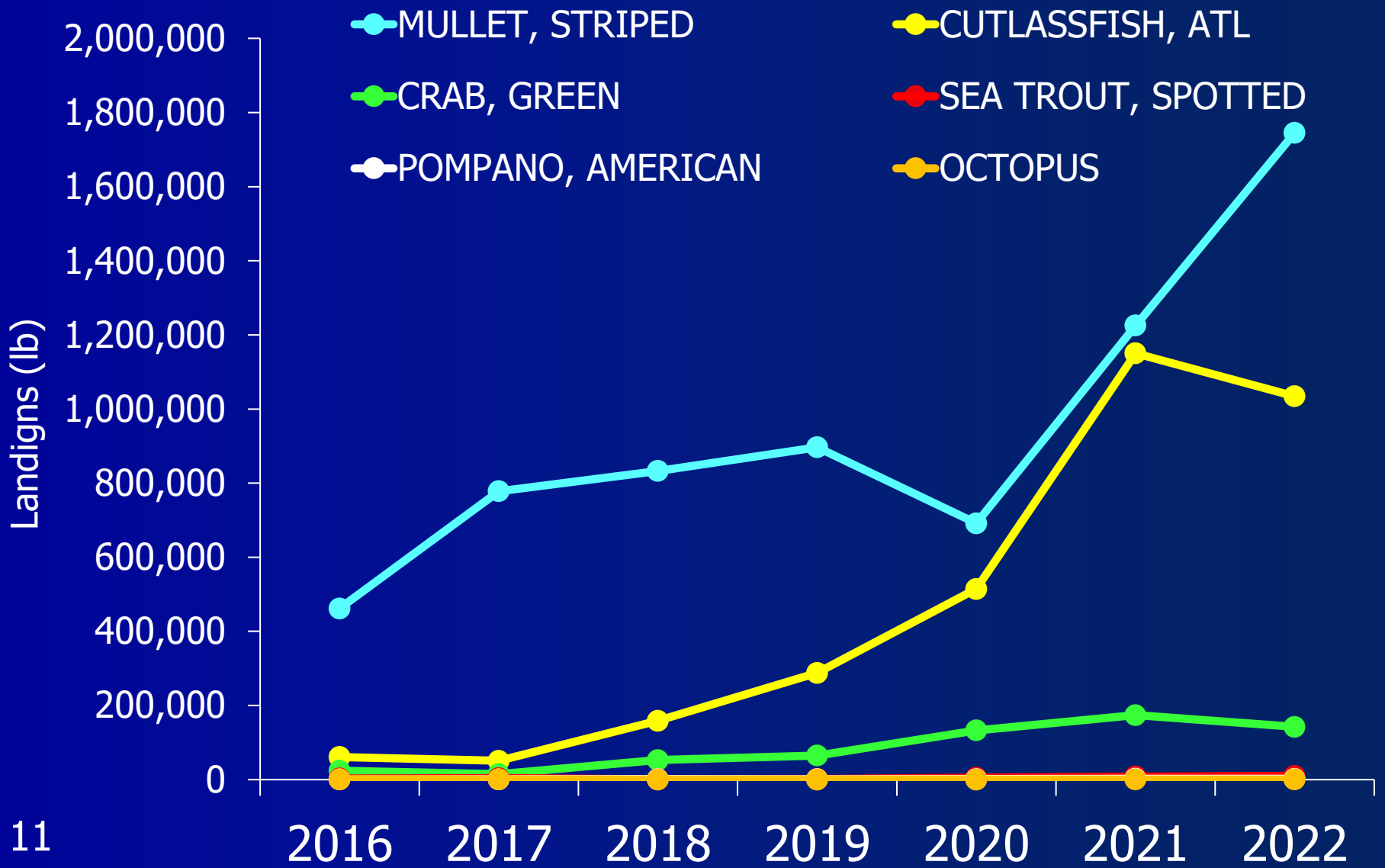


Striped mullet
David Scott SREL

Increasing Rank Order, 2018-2022

Common Name	2018	2019	2020	2021	2022	2016-22 Avg
CATFISH, BLUE	5,093,143	5,120,580	4,778,063	6,909,340	7,562,032	5,309,837
MULLET, STRIPED	832,924	896,851	691,531	1,225,434	1,745,312	905,610
CUTLASSFISH, ATL	158,763	287,906	514,418	1,150,385	1,034,479	430,144
CRAB, GREEN	52,659	64,887	132,675	173,717	142,107	78,971
SEA TROUT, SPOTTED	943	1,770	5,379	8,345	9,905	4,774
POMPANO, AMERICAN	1,189	947	1,327	2,206	1,998	1,233
OCTOPUS	79	129	124	274	277	285
MUMMICHOG	C	C	C	C	232	232
TRIGGERFISH, QUEEN	C	77	C	C	241	116
GROUPE, MARBLED	32	C	32	80	79	45
CLAM, N. QUAHOG	0	0	0	C	C	C
UNCLASSIFIED SEABASS	0	0	0	C	C	C

Increasing Rank Order, 2018-2022



Increasing Landings Every Year, 2018-2022

Common Name	2016	2017	2018	2019	2020	2021	2022	Avg
KELP, SUGAR	C	101,571	99,301	256,646	C	C	C	152,506
SEA TROUT, SPOTTED	3,018	4,055	943	1,770	5,379	8,345	9,905	4,774
MUMMICHOG	C	C	C	C	C	C	232	232
CLAM, N. QUAHOG	0	0	0	0	0	C	C	C
UNCLASSIFIED SEABASS	C	0	0	0	0	C	C	C
CLAM, FALSE QUAHOG	C	0	0	0	0	C	C	C
CLAM, RAZOR	C	C	C	C	C	C	C	C

Increasing Landings In New States?

- Species with increasing/stable rank order or increasing landings and >1 mil lb landings in at least one year:
 - **Blue catfish**
 - **Striped mullet**
 - Nearly all landings in NC
 - **Atlantic cutlassfish**
 - Most landings in NC, lesser amounts in VA
 - Negligible landings of striped mullet and cutlassfish in other states.

Questions/Discussion

Backup Slides

Recreational Cutlassfish Catch

STATE	2016	2017	2018	2019	2020	2021	2022
NJ				2,538	32,019	18,596	6,375
DE					381	25,835	49,881
MD					419	23,938	8
VA	2,388	1,933	5,949	39,449	88,127	188,556	149,066
NC	207,570	37,760	51,478	108,241	93,596	272,452	111,921
SC	105,040	299,278	293,827	435,419	335,145	760,141	39,864
GA			1,331			2,296	5,390
FL	2,148	31,091	160,664	117,626	43,367	10,504	1,272

Red = PSE greater than 50%