

Scallop Survey Biomass Data



Table of 2022 Combined Survey Data.
Scallop survey data from 2015 – 2022.

Document 5a

version 1

Scallop Report

September Council Meeting

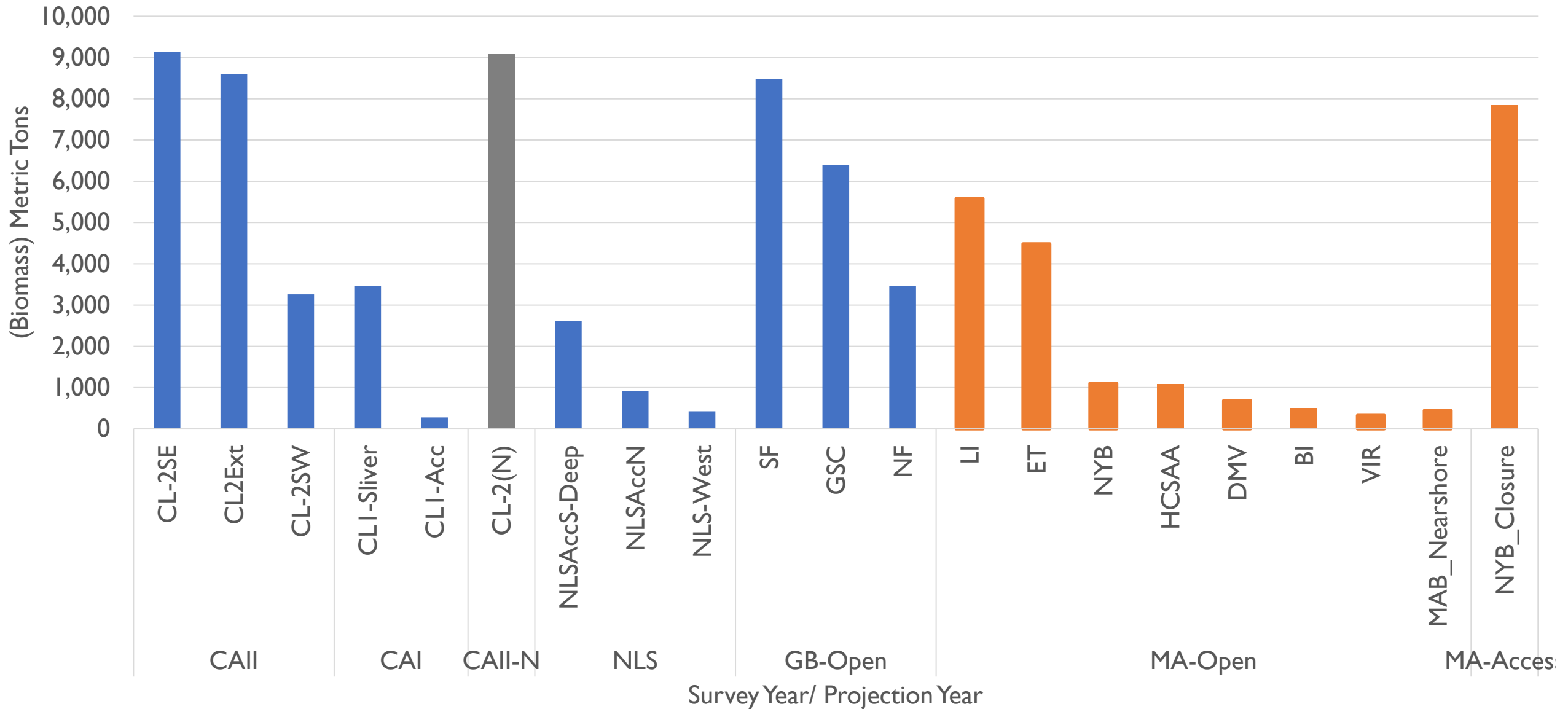
version 3 - Sept.14, 2022

This version updates the NLS-S using VIMS SHMW from 2016-2022, NYB Closure using VIMS SHMW from 2015-2022, MAB nearshore transcription error, and GOM/NGOM estimates using DMR 2021 SHMW with covariates.

		Dredge				DropCam				Habcam				Mean				F34 Projections		
Region	Subarea	Num	Bmsmt	SE	MeanWt	Num	Bmsmt	SE	MeanWt	Num	Bmsmt	SE	MeanWt	Num	Bmsmt	SE	MeanWt	Num	Bmsmt	%Change
GB	CL1ACC	4	95	90	23.3	37	524	235	14.2	10	215	13	22.1	17	278	84	16.4	109	1296	-78.5%
GB	CL1-Sliver+S	3302	3955	1422	1.2	932	4876	2526	5.2	373	1578	33	4.2	1536	3470	966	2.3	101	1420	144.3%
GB	CL-2(N)	525	11092	4001	21.1	429	9209	2040	21.5	350	6916	175	19.7	435	9072	1498	20.9	360	6203	46.3%
GB	CL-2SE	645	11619	813	17.9	466	8131	1047	17.4	842	7631	248	9.1	651	9127	450	14.0	824	9163	-0.4%
GB	CL-2SW	143	3783	384	26.8	99	2892	483	29.2	150	3105	158	20.7	131	3260	212	24.9	560	11600	-71.9%
GB	CL2Ext	408	9371	951	23.1	575	9223	1405	16.0	501	7227	242	14.4	495	8607	571	17.4	1074	16767	-48.7%
GB	SF	764	11714	1207	15.4	537	6377	1479	11.9	627	7328	114	11.7	643	8473	637	13.2	815	11125	-23.8%
GB	NLSAccN	44	857	63	21.8	71	923	606	13.0	65	990	41	15.3	60	923	204	15.4	117	1641	-43.7%
GB	NLSAccS-Deep	162	2842	365	17.5	226	2973	1123	13.2	115	2043	42	17.7	168	2619	394	15.6	1276	16873	-84.5%
GB	NLS-W	7	293	31	39.1	36	784	356	21.8	8	202	16	24.1	17	426	119	25.1	33	294	45.0%
GB	NF	216	3707	1664	17.1	92	2264	1081	24.6	315	4414	307	14.0	208	3462	669	16.7	213	2563	35.1%
GB	GSC	957	4745	557	5.0	597	9081	1256	15.2	411	5368	44	13.1	655	6398	458	9.8	980	9406	-32.0%
GB	TOTAL	7177	64073	4942	8.9	4097	57257	4537	14.0	3767	47017	538	12.5	5014	56116	2244	11.2	6462	88351	-36.5%
MAB	BI	29	680	48	23.5					12	316	10	26.2	21	498	25	24.3	74	609	-18.2%
MAB	LI	225	5403	280	24.9					250	5764	51	23.1	238	5584	142	23.5	962	8090	-31.0%
MAB	NYB	91	1183	93	13.2					50	1028	48	20.4	71	1106	52	15.7	202	2230	-50.4%
MAB	NYB_Closure	423	8626	496	20.4					328	7041	106	21.5	376	7834	254	20.9	537	7002	11.9%
MAB	MAB_Nearshore	52	500	98	10.1					24	390	40	16.5	38	445	53	11.7	134	1102	-59.6%
MAB	HCS	71	1142	97	16.2					49	1009	69	20.6	60	1076	60	17.9	232	1945	-44.7%
MAB	ET	676	4733	259	6.9					691	4232	45	6.1	684	4483	131	6.6	541	4215	6.3%
MAB	DMV	141	756	100	5.6					89	615	8	6.9	115	686	50	6.0	268	460	49.0%
MAB	VIR	69	327	47	4.7									69	327	47	4.7	40	73	347.9%
MAB	TOTAL	1777	23350	659	13.1					1493	20395	157	14	1670	22036	341	13.2	2990	25726	-14.3%
GOM	WGOM Closure					62	2111	420	34.0					62	2111	420	34.0			
GOM	Stellwagen South					29	373	43	12.9					29	373	43	12.9	21	579	-35.6%
GOM	TOTAL					91	2484	422	27.3					91	2484	422	27.3			
NGOM	Stellwagen AOI					66	1337	420	20.3					66	1337	420	20.3	77	2169	-38.4%
NGOM	Jeffreys					9	186	31	21.2					9	186	31	21.2			
NGOM	Platts					6	125	35	20.5					6	125	35	20.5			
NGOM	Ipswich					10	160	33	16.6					10	160	33	16.6			
NGOM	Total-no Stellwagen					25	471	99	58.3					25	471	99	58.3	28	692	-31.9%
NGOM	TOTAL					91	1808	519	19.9					91	1808	519	19.9			
TOTAL	TOTAL	8954	87423	4986	9.8	4279	61549	4587	14.4	5260	67412	561	12.8	6774	79960	2328	11.8	9452	114077	-29.9%

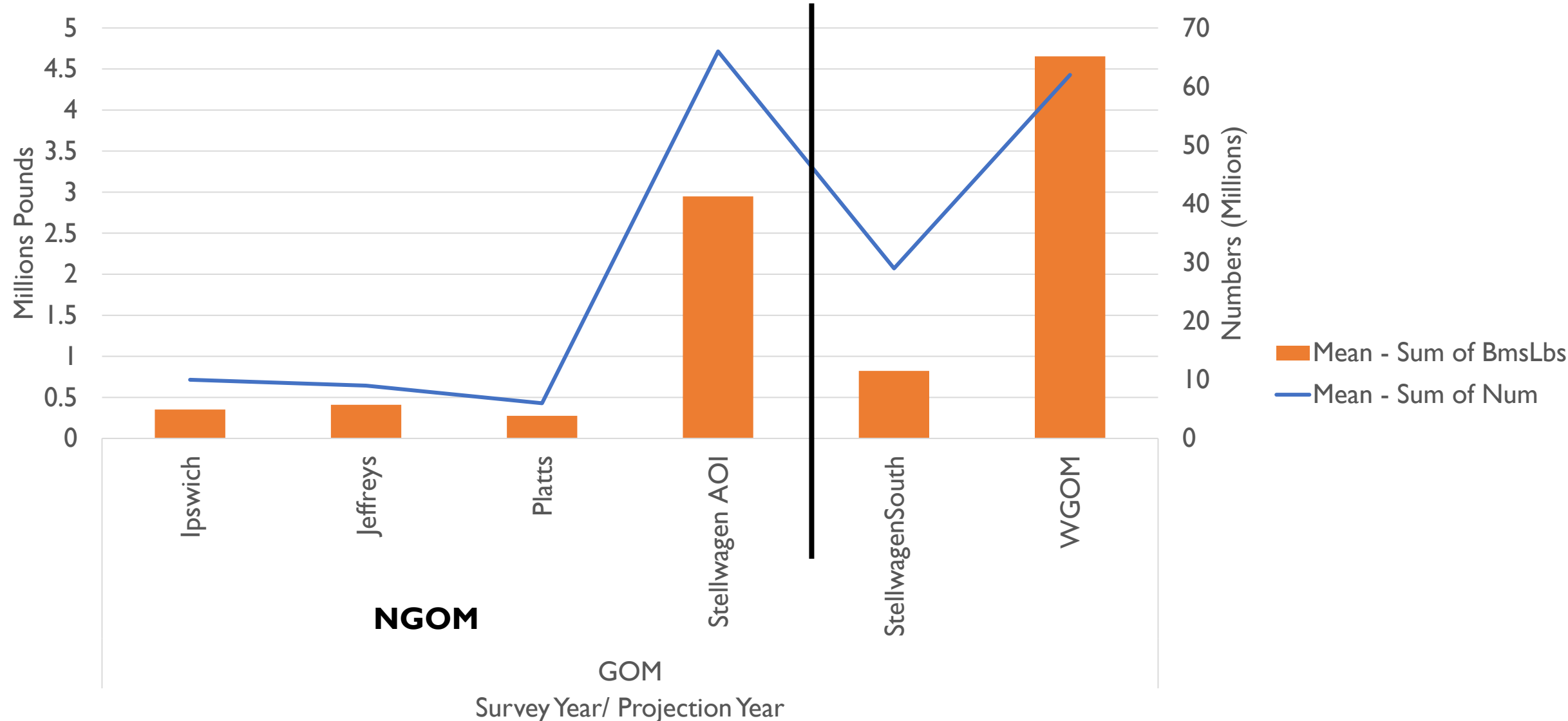
2022 Survey Biomass Estimates by SAMS areas, GB and MA

Allocations are not based on these numbers. See 2023 projections of exploitable biomass.

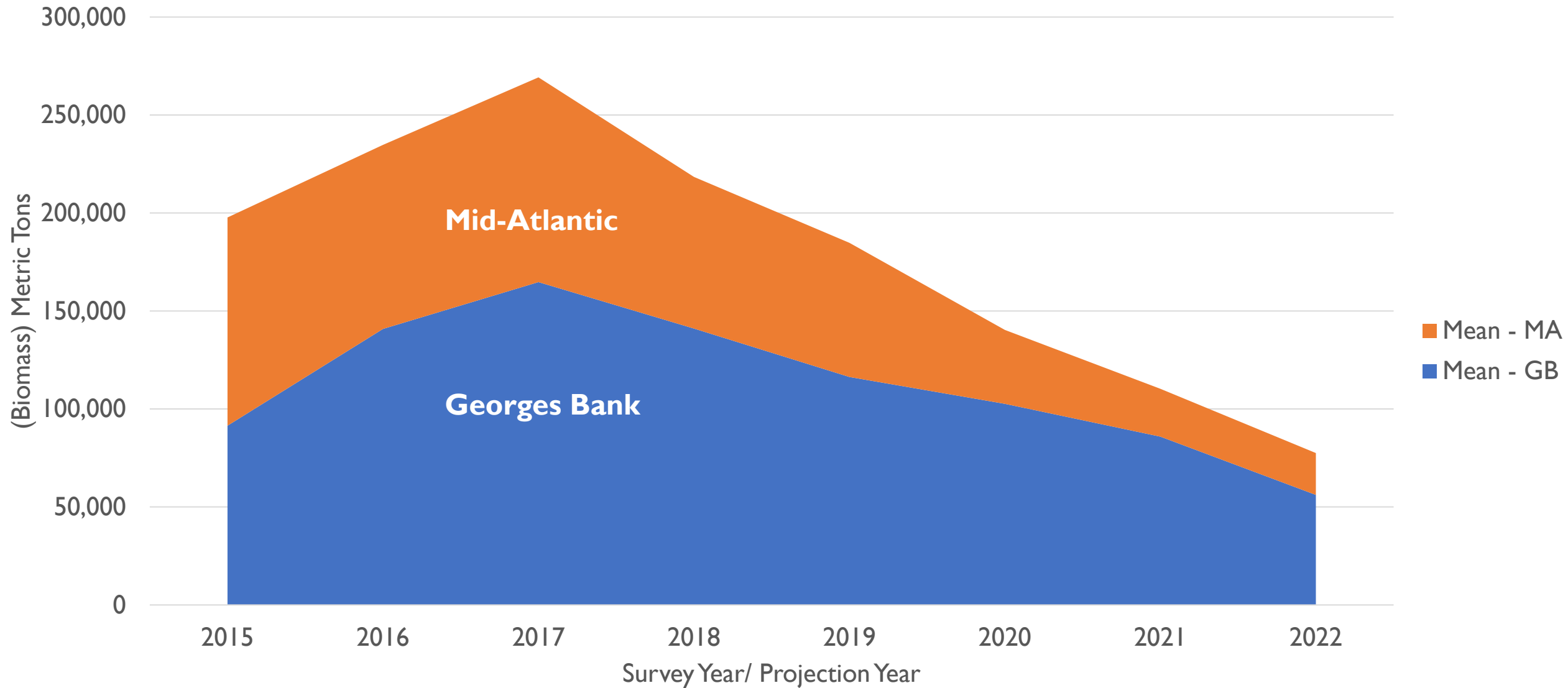


GOM Survey Biomass and Abundance (blue line)

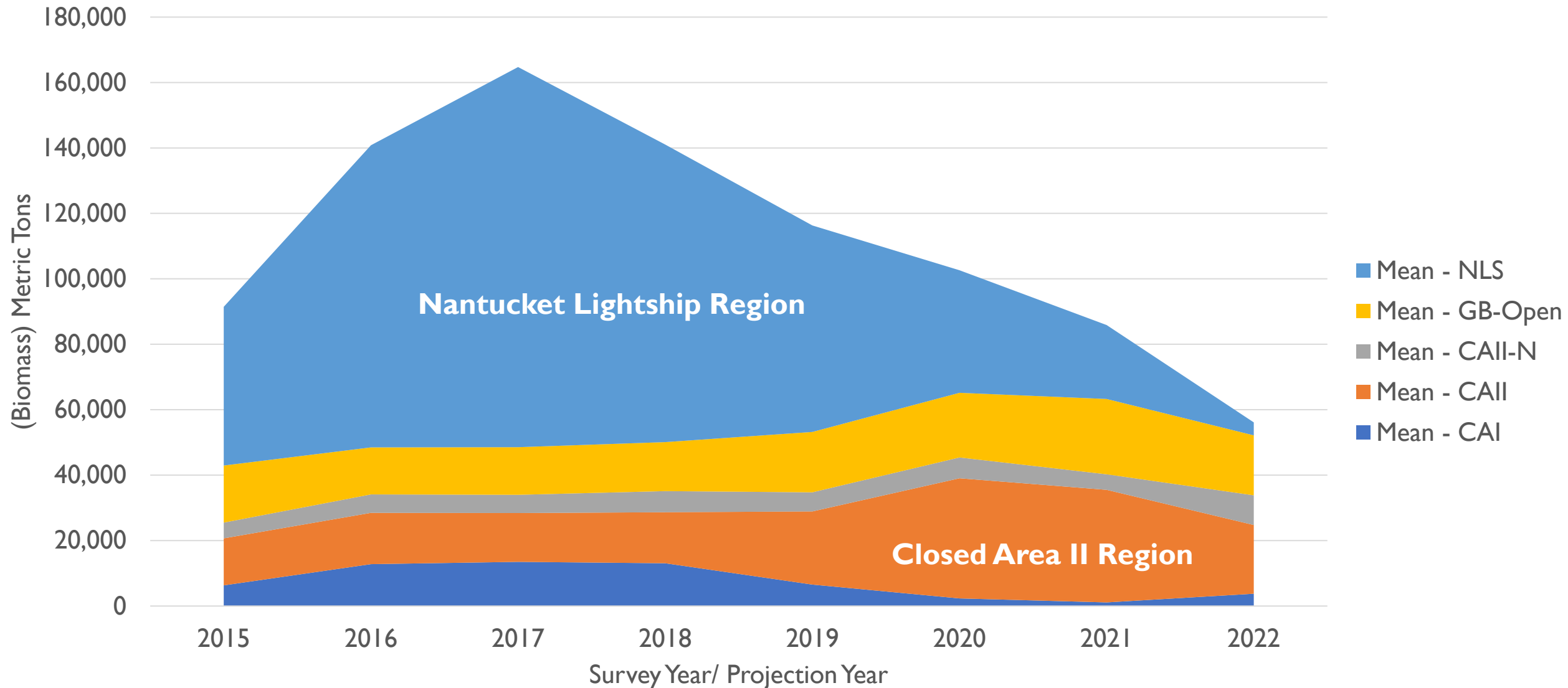
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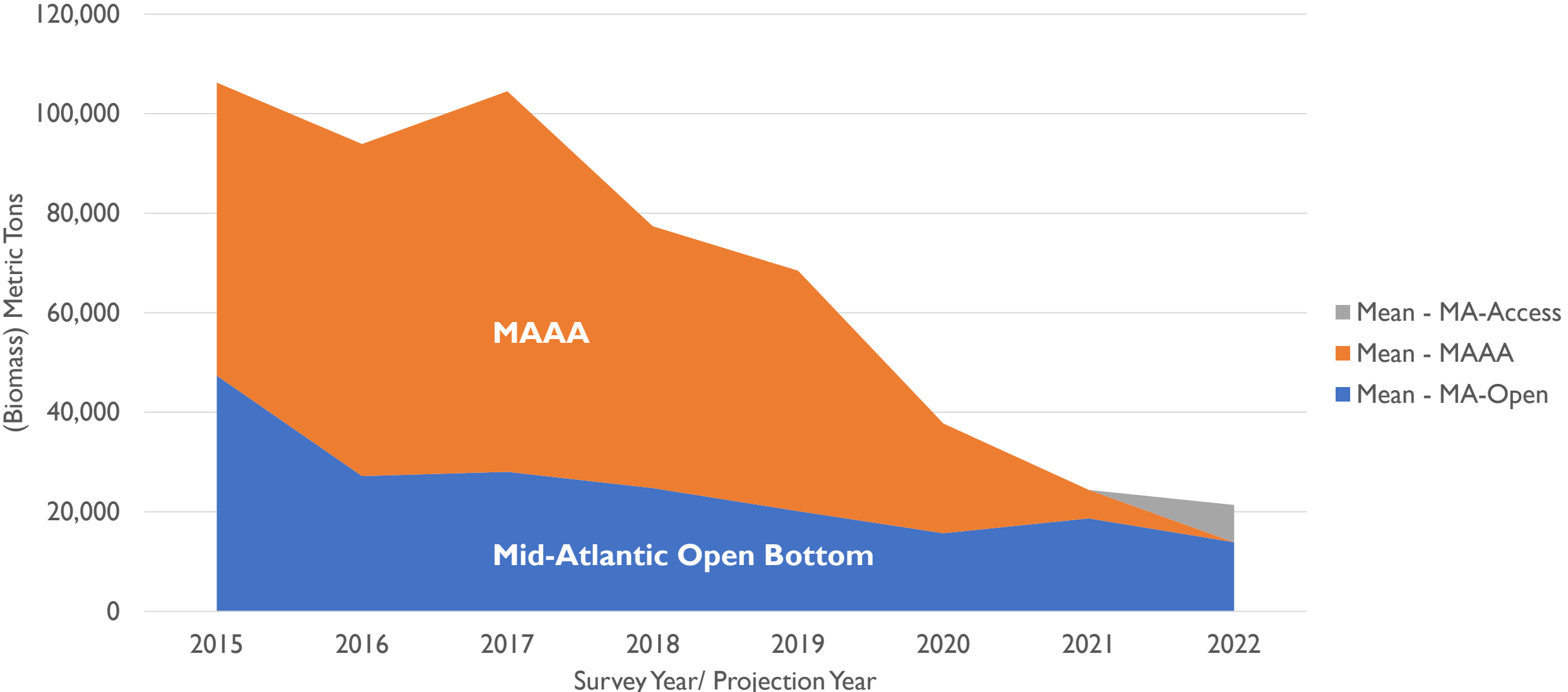
Georges Bank and Mid-Atlantic Biomass Estimates (2015 – 2022)



Georges Bank Biomass Estimates (2015 – 2022) By Region



Mid-Atlantic Biomass Estimates (2015 – 2022) By Region



Scallop Biomass Estimates with Projected Biomass, All SAMS areas

