

Age	Length At Age					Weight at Age				
	Start Year	Mean 1970-2009	Mean 2010-2019	% Change	p	Start Year	Mean 1970-2009	Mean 2010-2019	% Change	p
American plaice										
1	1980	13.21	13.62	3.13	<0.01	1992	0.02	0.02	13.35	<0.01
2	1980	19.46	20.38	4.76	<0.01	1992	0.05	0.07	30.08	<0.01
3	1980	25.49	25.74	0.95	0.04	1992	0.13	0.15	19.67	<0.01
4						1992	0.22	0.25	13.83	<0.01
5	1980	34.53	32.82	-4.94	<0.01	1992	0.35	0.32	-7.75	<0.01
6	1980	38.24	35.21	-7.93	<0.01	1992	0.49	0.40	-17.48	<0.01
7	1980	41.31	36.53	-11.56	<0.01	1992	0.61	0.46	-23.47	<0.01
8	1980	44.50	39.07	-12.20	<0.01	1992	0.76	0.58	-23.11	<0.01
9	1980	47.15	39.77	-15.66	<0.01	1992	0.91	0.62	-32.35	<0.01
Atlantic cod										
1	1970	29.09	28.14	-3.28	<0.01	1992	0.24	0.26	8.57	0.03
2	1970	43.17	41.53	-3.80	<0.01	1992	0.83	0.77	-7.46	<0.01
3	1970	55.90	52.56	-5.97	<0.01	1992	1.73	1.55	-10.34	<0.01
4	1970	65.19	60.73	-6.84	<0.01	1992	2.70	2.36	-12.62	<0.01
5	1970	73.23	68.73	-6.14	<0.01	1992	3.76	3.44	-8.51	<0.01
6	1970	80.61	74.96	-7.00	<0.01	1992	4.94	4.46	-9.68	0.01
7	1970	88.84	81.25	-8.54	<0.01	1992	6.65	5.46	-17.93	<0.01
Atlantic herring										
1	1987	11.59	12.54	8.19	<0.01	1992	0.01	0.02	32.25	<0.01
2	1987	16.53	16.13	-2.40	<0.01	1992	0.04	0.04	-8.53	<0.01
3	1987	21.33	20.53	-3.72	<0.01	1992	0.08	0.08	-7.63	<0.01
4	1987	24.10	23.05	-4.36	<0.01	1992	0.12	0.11	-8.92	<0.01
5	1987	25.78	25.07	-2.78	<0.01	1992	0.15	0.14	-5.70	<0.01
6	1987	26.95	26.28	-2.48	<0.01	1992	0.17	0.16	-6.56	<0.01
7	1987	27.71	27.05	-2.39	<0.01	1992	0.19	0.17	-6.80	<0.01

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8	1987	28.52	27.69	-2.92	<0.01	1992	0.20	0.18	-9.11	<0.01
Atlantic mackerel										
1	1973	21.52	21.88	1.66	<0.01	1992	0.09	0.10	9.45	<0.01
2						1992	0.17	0.18	4.46	<0.01
3	1973	30.92	30.27	-2.09	<0.01					
4	1973	33.36	31.98	-4.12	<0.01	1992	0.35	0.32	-10.11	<0.01
5	1973	35.00	34.42	-1.65	0.02	1992	0.43	0.40	-6.31	0.02
Black sea bass										
1	1983	14.13	13.26	-6.13	<0.01	1992	0.06	0.04	-23.99	<0.01
2						1992	0.16	0.15	-9.47	<0.01
3										
4						1992	0.60	0.53	-11.71	<0.01
5										
Butterfish										
1	1982	13.30	13.12	-1.31	<0.01					
2	1982	16.07	16.20	0.84	0.02	1992	0.08	0.09	8.11	<0.01
3	1982	17.92	17.68	-1.32	0.01					
4										
Haddock										
1	1970	26.88	23.44	-12.82	<0.01	1992	0.19	0.14	-26.33	<0.01
2	1970	37.38	31.96	-14.52	<0.01	1992	0.49	0.35	-29.09	<0.01
3	1970	45.81	37.88	-17.30	<0.01	1992	0.85	0.57	-33.34	<0.01
4	1970	50.71	41.72	-17.73	<0.01	1992	1.15	0.75	-34.91	<0.01
5	1970	54.58	45.23	-17.14	<0.01	1992	1.49	0.95	-35.88	<0.01
6	1970	56.90	47.04	-17.32	<0.01	1992	1.67	1.06	-36.56	<0.01
7	1970	60.33	52.20	-13.47	<0.01	1992	1.99	1.38	-30.80	<0.01

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8	1970	62.16	52.95	-14.81	<0.01	1992	2.10	1.45	-30.96	<0.01
9	1970	63.21	53.86	-14.80	<0.01	1992	2.30	1.52	-33.86	<0.01
10	1970	67.32	55.95	-16.89	<0.01	1992	2.52	1.76	-30.16	<0.01
Pollock										
1	1970	23.27	25.21	8.32	<0.01	1992	0.14	0.18	30.69	<0.01
2										
3	1970	43.48	38.68	-11.04	<0.01	1992	0.82	0.67	-19.15	<0.01
4	1970	53.18	46.91	-11.79	<0.01	1992	1.46	1.13	-22.40	<0.01
5	1970	62.10	55.04	-11.37	<0.01	1992	2.31	1.78	-23.06	<0.01
6	1970	69.64	61.12	-12.24	<0.01	1992	3.34	2.41	-27.91	<0.01
7	1970	75.67	67.10	-11.33	<0.01	1992	4.36	3.12	-28.38	<0.01
8	1970	80.99	71.54	-11.67	<0.01	1992	4.99	3.83	-23.32	<0.01
Scup										
1	1971	13.66	12.29	-10.05	<0.01	1992	0.06	0.04	-23.17	<0.01
2	1971	18.90	18.42	-2.55	<0.01	1992	0.15	0.14	-6.07	0.04
3	1971	22.90	22.36	-2.35	<0.01	1992	0.27	0.25	-8.43	<0.01
4	1971	25.96	25.28	-2.61	<0.01	1992	0.43	0.37	-13.79	<0.01
Silver hake										
1	1973	19.21	20.67	7.59	<0.01	1992	0.05	0.07	39.52	<0.01
2	1973	25.57	28.47	11.32	<0.01	1992	0.10	0.16	60.40	<0.01
3	1973	31.01	34.18	10.23	<0.01	1992	0.19	0.31	65.69	<0.01
4	1973	35.91	38.74	7.88	<0.01	1992	0.33	0.47	40.72	<0.01
5	1973	39.88	43.91	10.12	<0.01	1992	0.65	0.72	11.42	0.02
White hake										
1	1982	27.16	28.98	6.72	<0.01	1992	0.16	0.20	21.90	<0.01
2	1982	35.74	37.44	4.76	<0.01	1992	0.37	0.43	15.23	<0.01

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3	1982	45.85	45.03	-1.80	<0.01	1992	0.82	0.79	-4.16	0.01
4	1982	57.69	53.19	-7.79	<0.01	1992	1.60	1.31	-17.81	<0.01
5	1982	67.54	60.76	-10.03	<0.01	1992	2.52	1.93	-23.44	<0.01
6	1982	75.62	68.39	-9.56	<0.01	1992	3.64	2.83	-22.39	<0.01
7	1982	81.64	75.06	-8.05	<0.01	1992	4.91	3.81	-22.35	<0.01
Winter flounder										
1	1976	20.50	19.01	-7.28	<0.01	1992	0.12	0.11	-9.33	0.01
2	1976	27.24	26.28	-3.51	<0.01	1992	0.29	0.26	-9.31	<0.01
3	1976	32.63	30.77	-5.71	<0.01	1992	0.48	0.39	-18.31	<0.01
4	1976	36.65	34.95	-4.64	<0.01	1992	0.65	0.56	-13.36	<0.01
5	1976	39.93	37.74	-5.47	<0.01	1992	0.85	0.71	-16.94	<0.01
6	1976	42.82	39.86	-6.91	<0.01	1992	1.01	0.84	-16.78	<0.01
7	1976	46.19	40.94	-11.36	<0.01	1992	1.31	0.91	-30.56	<0.01
8	1976	49.86	42.81	-14.13	<0.01	1992	1.63	1.03	-37.08	<0.01
Witch flounder										
1	1982	13.56	14.44	6.45	<0.01	1992	0.01	0.02	32.45	<0.01
2	1982	20.00	22.05	10.23	<0.01	1992	0.04	0.06	42.21	<0.01
3	1982	24.57	26.88	9.40	<0.01	1992	0.08	0.11	34.90	<0.01
4	1982	29.47	30.60	3.84	<0.01	1992	0.15	0.17	15.98	<0.01
5						1992	0.22	0.23	3.63	0.01
6	1982	36.17	35.16	-2.78	<0.01	1992	0.28	0.27	-3.28	0.03
7	1982	39.28	37.22	-5.25	<0.01	1992	0.37	0.33	-10.48	<0.01
8	1982	41.82	39.46	-5.63	<0.01	1992	0.44	0.41	-7.69	<0.01
Yellowtail flounder										
1	1970	20.90	20.02	-4.23	<0.01	1992	0.10	0.09	-11.64	<0.01
2	1970	29.11	28.82	-0.98	0.01	1992	0.23	0.21	-10.75	<0.01

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3	1970	34.02	33.46	-1.65	<0.01	1992	0.36	0.31	-11.97	<0.01
4	1970	36.86	36.41	-1.23	<0.01	1992	0.49	0.41	-16.23	<0.01
5						1992	0.68	0.53	-21.04	<0.01
6						1992	0.90	0.62	-31.10	<0.01