

CATCHES BY AGES TO BE USED IN COHORT ANALYSIS AND YIELD PER RECRUIT
OF BIGEYE TUNA FOR THE WHOLE ATLANTIC

A. FONTENEAU
A. SANTOS

Fig. 1.- Atlantic Bigeye catch (MT) by country and gear 1975-78

	75	76	77	78	X
FIS-BB Dakar	1200	1200	2500	3600	2125
FISMP- PS	900	700	2200	1500	1325
PORTUGAL BB	4700	1600	2600	2900	2950
SPAIN BB	5700	4200	3.600	3900	4350
" PS	900	1200	3000	3400	2125
GHANA BB	100	100	300	100	150
JAPAN BB	100	900	1000	600	650 (1)
" LL	17400	7300	9200	9400	10825
CUBA- LL	1900	1300	1900	2300	1850
CHINA(TAI.)LL	4000	3300	3000	2600	3225
KOREA+PAN. LL	12100	8700	8800	11200	10200
" BB	400	400	800	700	575
USA- PS	100	-	300	200	150
OTHERS LL	3900	5200	6500	3100	4675
" PS	-	-	-	100	25
UNCL.GEARS	1500	1600	-	700	950
TOTAL	54900	37700	45700	46300	46150

(1) SCRS/79

Fig. 2.- Average Catch (MTx10³) by gear of Atlantic Bigeye 1975-78

	X (MTx10 ³)
DAKAR BB	2.1
SPAIN(Canaries) + PORTUGAL	7.3
TEMA BB (Ghana+Kor+Pan.+Jap.)	1.4 (1)
PS	3.6
LL	30.8
UNCL.GEARS	.9

(1) SCRS/79

Fig. 3.- Estimated average catch in number, by age/ 1000 MT of Atlantic Bigeye caught by whole fisheries 1975-78.

Age	1	2	3	4	5	6	7	8	9+
DAKAR- BB	895	66992	25197	4740	1036	636	68	36	-
FIS - PS	13802	96648	19730	3650	1151	553	113	33	-
LL	371	2573	5755	5163	3348	2047	960	370	105
TEMA- BB	66978	273917	5770	507	-	-	-	-	-
SPAIN(Canaries) + PORTUGAL- BB	-	679	10341	3333	2383	1656	1658	961	1415
TOTAL	82046	440809	66793	17393	7918	4892	2799	1400	1520

Fig. 5.- Estimated catch in number (%) by age/ gear/ 1000 MT. of Atlantic Bigeye 1975-78

Age	1	2	3	4	5	6	7	8	9+
DAKAR-BB	1	15.2	37.7	27.2	13.1	13	2.4	2.6	-
FIS- PS	16.8	21.9	29.5	21	14.5	11.3	4	2.4	-
LL	.5	.6	8.6	29.7	42.3	41.8	34.3	26.4	6.9
TEMA-BB	81.7	62.1	8.6	2.9	-	-	-	-	-
SPAIN-PORTUGAL BB	-	.2	15.5	19.2	30.1	33.9	59.2	68.6	93.1

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Fig. 4.- Estimated catch in number, by age/ average catch 1975-78 of Atlantic Bigeye.

Age	1	2	3	4	5	6	7	8	9+	Average catch 75-8
DAKAR- BB	1879	140683	52914	9954	2176	1336	143	76	-	2.1
FIS- PS	49687	347933	71028	13140	4144	1991	407	119	-	3.6
LL	11427	79248	177254	159020	103118	63048	29568	11396	3234	30.8
TEMA- BB	93769	383483	8078	710	-	-	-	-	-	1.4
SPAIN(Canar.) +PORTUGAL BB	-	4957	75489	24330	17395	12088	12103	7015	10329	7.3
TOTAL	156762	956304	384763	207154	126833	78463	42221	18606	13563	45.2

Fig. 6.- Estimated average catch in number by age of Atlantic Bigeye 1975-78

Age	1	2	3	4	5	6	7	8	9+
ALL GEARS	156762	956304	384763	207154	126833	78463	42221	18606	13563
TEMA NOT INCLUD.	62993	572821	376685	206444	126833	78463	42221	18606	13563
TEMA-DAKAR Not In.	61114	432128	323771	196490	124657	77127	42078	18530	13563
SURFACE	145335	877056	207509	48134	23715	15415	12653	7210	10329
LONGLINE	11427	79248	177254	159020	103118	63048	29568	11396	3234