

ROCKFISH LIFESPAN, SIZE, AGE AT REPRODUCTIVE MATURITY*

SPECIES	LIFESPAN (estimated**)	MAXIMUM SIZE	AGE AT MATURITY*	SIZE AT MATURITY*	NOTES
Bank		17" male 20' female		15 inches 13 inches ^	
Black	20+ years (36 years max)	24 inches	10 years male 11 years female 6-7 years^ (CA)	14-16 inches (CA)^	half reach maturity at 18 inches and at 9-13 years in AK
Black and Yellow	21 years	15 inches	3-4 years	5 inches	
Blackgill		24 inches	7-8 years^	14 inches^	
Blue	24 years	21 inches	8-9 years	12 inches	
Bocaccio	36 years	36 inches (3 feet)	8 years	18 inches (CA) 24" (further north)	
Calico	11 years	8 inches	4 years	3-4 inches	
Canary	75 years	30 inch	13 years	23 inches	
Chilipepper	at least 16 years	22 inches	4-5 years	12 -13 inches	
China Rockfish		17 inches		12 inches 11 inches ^	
Copper	55 years	22 inches	8 years	16 inches	3 year old is 9 -11"
Cowcod (Cow Rockfish)	at least 25 years	37 inches		22 inches (17 inches ^)	one of largest rockfish in world
Darkblotched	66 yrs	22 in	5 yr male ^ 8 yr female^	12 in male^ 14 in female^	
Flag Rockfish		20 inches		15 inches 12-13 inches^	a 16" fish aged at 18 yrs; a 12.5" at 12 yr.
Gopher	30 years		3-4 years	5 inches	
Grass	20 years	22 inches			were important part of Native Am. catch

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SPECIES	LIFESPAN (estimated**)	MAXIMUM SIZE	AGE AT MATURITY*	SIZE AT MATURITY*	NOTES
Greenspotted		20 inches		13 inches (S.CA) 15 inches (central to N. CA)	10 inch is about 13 yrs old
Greenstriped	25 years	15 inches	4-10 years	6-10 inches	
Harlequin	43 years				
Kelp	15 years	17 inches	6-7 years	12 inches	
Longspine Thorynhead	40 years	15 inches		10-11 inches (90% of fish mature)	a 12" fish is 25-45 years old
Olive	25 years	24 inches	6 years	14 inches	
Pacific Ocean Perch	90 years	20 inch	4-8 yr^ (Bering Sea) 13-15^ Gulf of AK, 7-9 ^ (WA, B.C)	9-11 in^ Bering Sea 14 in^ (WA, B.C.)	
Quillback	at least 32 yrs	24 inches (over 20 inches rare)	12 years^ (AK)	12 inches^ (AK) 9 inches^ (CA)	
Redstripe	41 year	20 inches		7-15 inches !	
Rosethron		16 inches	7-10 years	9-11 inches	
Rougheye	140 years	38 inches		16"male, 19" female^ (B.C)	
Sharpchin	45 years	13 inches		8-10 inches	
Shortbelly	10 yrs (22 yr max)	12 inches	3 years^	7 years^	
Shortraker	120 years	39 inches (44 lbs)			
Shortspine Thorynhead	62 years (Ak) 100 years (CA)	30 inches	16 years (AK) 28 years (CA) (12-13 years^)	10 inches 9 inches ^	
Silvergray	80 years	28 inches		15-20 inches ^	

ROCKFISH LIFESPAN, SIZE, AGE AT REPRODUCTIVE MATURITY* (continued)

SPECIES	LIFESPAN (estimated**)	MAXIMUM SIZE	AGE AT MATURITY*	SIZE AT MATURITY*	NOTES
Speckled	37 years	22 inches			12" male is 20 yrs 12" female is 12 yrs
Splitnose	84 yrs	18 inches	7-10 yr male, 6-9 year female	8-12 inch male 7- 9 inch female	
Squarespot	at least 19 years	11.5 inches (over 10 inches rare)	2 years (female) 4 years (male)	6 inches	
Starry	28 years	18 inches	6-7 yrs^ male 8-9 yrs^ female	8 inches^ male 10 inches^ female	
Vermillion	22 years	30 inches	5-6 years^	14 inches^	18" fish is 10 years
Widow	59 yr***	24 inch	8-9 years	17 inches	18" fish is 15 years
Yelloweye	114 years	36 inches		18 inches (CA) 20^ inches (AK)	24" fish in Alaska are 40-80 years old
Yellowmouth	34 years	21 inches	9 years	13" inches	
Yellowtail	64 years	26 inches	6 years ^ (CA) 11-15 years^ (AK)	14 inches^ (CA) 16-18 inches^ (AK)	22" fish is 15 yrs

NOTES AND REFERENCES:

* "Maturity" defined to mean size or age where all fish have reached reproductive age

^ Indicates the size or age when half the population can reproduce

** Lifespan is estimated. Lifespan determination methods for many fish still subject to much uncertainty

*** Love gives lifespan at 59 years old, Oregon Department of Fish and Wildlife 58 years, but Essential Fish Habitat document cites NOAA Invertebrate and Fish Data Atlas as giving maximum age at 28 years and maximum size at 21 inches

Sources:

Love, Milton. 1996. Probably More Than You Want to Know About Fishes of the Pacific Coast.

Really Big Press. Santa Barbara, California

Pacific Fishery Management Council. 1999. Groundfish Essential Fish Habitat Amendment. Portland, OR

FLATFISH LIFESPAN, SIZE, AGE AT REPRODUCTIVE MATURITY*

SPECIES	LIFESPAN (estimated**)	MAXIMUM SIZE	AGE AT MATURITY*	SIZE AT MATURITY*	NOTES
Arrowtooth Flounder	20 years	33 inches	3-7 years male 4-8 years female	12-17 inches male 15-17 inches female	
Butter Sole	11 years	22 inches (but most under 12 inches)	2 years male 3 years female	4 inches male 10 inches female	
California Halibut	30 years (female)	5 feet 72 pounds	3 years male 7 years female	13 inches (male) (9 inches^ male) 23 inches (female) (13 inches^ female)	females grow faster and much larger than males years
C-O Sole (Turbot)		14 inches			
Curlfin Sole		15 inches			
Dover Sole	58 years male 53 years female	30 inches	1950 study: 16" male, 18" female. More recent study: 13 inches female		females grow faster and larger, but reach maturity later than males
English Sole	22 years	23 inches	11.5 inches (male) 14 inches (female)	2-3 years (male) 3-5 years (female)	females grow larger and mature later than males
Flathead Sole	17 years (male) 21 years (female)	18 inches	6 years (Alaska) 2-3 yrs (Puget Snd)	12 inches (AK) 8 inch (Puget Snd)	
Yellowfin Sole	25 years	17.5 inches	4-5 years male 6-9 years female	5-8 inches male 10-13 inches female	
Pacific Halibut	42 years (female) 27 years (male)	105 inches (female) 54 inches (male) 495 pounds	5-13 years (male) 8-16 years (female)	2.5-3.5 feet (male) 3-4.5 feet (female)	females grow larger and live longer

FLATFISH LIFESPAN, SIZE, AGE AT REPRODUCTIVE MATURITY* (continued)

SPECIES	LIFESPAN (estimated**)	MAXIMUM SIZE	AGE AT MATURITY*	SIZE AT MATURITY*	NOTES
Pacific Sanddab	13 years	16 inches	2-3 years	9 inches	
Petrale Sole	32 years	28-30 inches 8 pounds	7 years male ^ 8 years female^	15 inches ^ male 17 inches ^ female	
Rex Sole	24 years	23 inches	5 years male 9 years female	8.5 inches male 12 inches female	females grow faster and larger than males
Rock Sole	males 22 years females 15 years	24 inches	4 years (in British Columbia) 5-7 years (Bering Sea)	14.5 inches male 17 inches female (figures for British Columbia)	
Sand Sole	10 years	25 inches	2 years male 2-3 years female	8 inches male 11 inches female	12" fish is about 5 years old
Speckled Sanddab	3.5 years	7 inches		3 inches	
Starry Flounder	24 years	36 inches, 20 pounds	2-3 years male 3-4 years female	14.5 inches male 16 inches female	females live longer and grow faster and larger than males

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^ Indicates the size or age when half the population can reproduce

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Sources:

Love, Milton. 1996. Probably More Than You Want to Know About Fishes of the Pacific Coast.

Really Big Press. Santa Barbara, California

Pacific Fishery Management Council. 1999. Groundfish Essential Fish Habitat Amendment. Portland, OR

Lamb, A. and P. Edgell. 1986. Coastal Fishes of the Pacific Northwest. Harbour Publishing. Madeira Park, B.C., Canada.

ROUNDFISH

SPECIES	LIFESPAN (estimated **)	MAXIMUM SIZE	AGE AT MATURITY*	SIZE AT MATURITY*	NOTES
Cabazon	20 years		2-3 years male, 3-5 years female	10-12 inches male 12-16 inches female	
Kelp Greenling	12 years	21 inches	5 years (female)	9.5 inches (female)	10" fish is 6-9 years old
Lingcod	20 years	5 feet	4 years male 7 years female	20 inch male 24 inch female	12" fish is 1 yr old 3' fish is 7-10 yrs
Pacific Cod	13 years	45 inch	2 years male^ 3 years female^	18 inches male^ 22 inches female^	
Pacific Hake (Whiting)	23 years	3 feet	4-5 yr (Puget Snd) 3-4 yrs (coastal)	15" (Puget Sound); 13-16 " (coastal)	Growth ceases at 10-13 years old
Sablefish	55 years	40 inch	4-6 years^	20-24 inches^	
Walleye Pollack	17 years	3 feet	4 years	15 inches (approx)	

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Love, Milton. 1996. Probably More Than You Want to Know About Fishes of the Pacific Coast.

Really Big Press. Santa Barbara, California

Pacific Fishery Management Council. 1999. Groundfish Essential Fish Habitat Amendment. Portland, OR

Paul Humann Coastal Fish Identification, CA to AK QL 623.4.H851 1996. New World Pulications, Jacksonville, Florida.