

Class	Order	Family	Species	Age at maturity (years)	Annual mortality	rmax	Generation time (years)
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_acronotus	5.4	0.37	0.20	8.1
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_amblyrhynchos	7.0	0.28	0.20	10.6
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_brachyurus	22.7	0.08	0.15	35.2
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_brachyurus	21.0	0.08	0.15	33.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_brevipinna	10.3	0.18	0.24	15.8
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_brevipinna	8.7	0.21	0.26	13.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_cautus	6.9	0.28	0.20	10.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_falciformis	7.5	0.25	0.30	11.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_falciformis	13.0	0.14	0.18	20.1
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_galapagensis	8.8	0.21	0.27	13.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_isodon	5.3	0.38	0.22	7.9
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_leucas	18.9	0.09	0.13	30.0
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_leucas	10.9	0.17	0.26	16.8
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_leucas	21.9	0.08	0.13	34.4
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_limbatus	7.5	0.25	0.19	11.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_limbatus	7.7	0.25	0.19	11.7
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_limbatus	8.0	0.24	0.25	12.2
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_longimanus	7.5	0.25	0.23	11.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_longimanus	5.5	0.37	0.35	8.2
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_obscurus	23.0	0.08	0.10	35.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_obscurus	21.5	0.08	0.12	34.0
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_obscurus	22.0	0.08	0.12	34.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_plumbeus	8.8	0.21	0.24	13.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_plumbeus	16.4	0.11	0.16	25.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_porosus	7.0	0.28	0.30	10.6
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_signatus	11.0	0.17	0.22	16.9
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_sorrah	3.3	0.66	0.53	4.8
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Carcharhinus_tilstoni	4.3	0.47	0.38	6.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Galeocerdo_cuvier	9.3	0.21	0.37	14.0
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Galeocerdo_cuvier	12.3	0.15	0.32	19.0
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Galeocerdo_cuvier	11.3	0.17	0.29	17.2
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Isogomphodon_oxyrhynchus	7.5	0.25	0.21	11.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Negaprion_brevirostris	13.7	0.13	0.20	21.4
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Prionace_glauca	5.8	0.33	0.67	8.8
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Prionace_glauca	5.9	0.33	0.71	8.9
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Rhizoprionodon_taylori	3.0	0.83	0.63	4.2
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Rhizoprionodon_terraenovae	2.6	1.03	0.67	3.5
Chondrichthyes	Carcharhiniformes	Carcharhinidae	Rhizoprionodon_terraenovae	3.3	0.70	0.53	4.7
Chondrichthyes	Carcharhiniformes	Scyliorhinidae	Scyliorhinus_canicula	7.9	0.21	0.52	12.7
Chondrichthyes	Carcharhiniformes	Scyliorhinidae	Scyliorhinus_retifer	8.5	0.19	0.47	13.8
Chondrichthyes	Carcharhiniformes	Sphyrnidae	Sphyrna_lewini	16.9	0.10	0.18	26.9
Chondrichthyes	Carcharhiniformes	Sphyrnidae	Sphyrna_lewini	4.9	0.40	0.55	7.4
Chondrichthyes	Carcharhiniformes	Sphyrnidae	Sphyrna_tiburo	3.3	0.57	0.80	5.1
Chondrichthyes	Carcharhiniformes	Sphyrnidae	Sphyrna_tiburo	3.3	0.57	0.80	5.1
Chondrichthyes	Carcharhiniformes	Sphyrnidae	Sphyrna_tiburo	4.4	0.41	0.63	6.9
Chondrichthyes	Carcharhiniformes	Triakidae	Furgaleus_macki	7.2	0.25	0.38	11.2
Chondrichthyes	Carcharhiniformes	Triakidae	Galeorhinus_galeus	16.7	0.11	0.19	25.8
Chondrichthyes	Carcharhiniformes	Triakidae	Galeorhinus_galeus	15.0	0.12	0.23	23.3
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_antarcticus	7.4	0.26	0.38	11.2
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_californicus	3.4	0.66	0.70	4.9
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_canis	5.4	0.38	0.51	8.0
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_lenticulatus	8.4	0.22	0.39	13.0
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_manazo	4.3	0.47	0.48	6.5
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_manazo	5.5	0.37	0.45	8.2
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_manazo	4.9	0.41	0.50	7.4
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_manazo	5.0	0.41	0.52	7.4
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_manazo	5.5	0.30	0.41	8.8
Chondrichthyes	Carcharhiniformes	Triakidae	Mustelus_mustelus	14.3	0.12	0.21	22.7
Chondrichthyes	Carcharhiniformes	Triakidae	Triakis_semifasciata	13.4	0.13	0.29	21.1
Chondrichthyes	Chimaeriformes	Callorhynchidae	Callorhynchus_capensis	4.2	0.39	0.67	6.8
Chondrichthyes	Hexanchiformes	Hexanchidae	Notorynchus_cepedianus	17.0	0.10	0.26	27.0
Chondrichthyes	Lamniformes	Alopiidae	Alopias_pelagicus	9.6	0.19	0.13	14.9
Chondrichthyes	Lamniformes	Alopiidae	Alopias_supercilius	13.9	0.13	0.15	21.5
Chondrichthyes	Lamniformes	Lamnidae	Carcharodon_carcharias	13.5	0.13	0.19	21.2
Chondrichthyes	Lamniformes	Lamnidae	Isurus_oxyrinchus	20.5	0.09	0.12	31.6
Chondrichthyes	Lamniformes	Lamnidae	Isurus_oxyrinchus	21.1	0.09	0.13	32.2
Chondrichthyes	Lamniformes	Lamnidae	Isurus_oxyrinchus	20.0	0.09	0.13	31.1
Chondrichthyes	Lamniformes	Lamnidae	Lamna_ditropis	8.3	0.22	0.13	12.8
Chondrichthyes	Lamniformes	Lamnidae	Lamna_ditropis	9.8	0.18	0.15	15.3
Chondrichthyes	Lamniformes	Lamnidae	Lamna_nasus	17.2	0.10	0.13	27.2
Chondrichthyes	Lamniformes	Lamnidae	Lamna_nasus	13.8	0.13	0.18	21.5
Chondrichthyes	Lamniformes	Odontaspidae	Carcharias_taurus	10.3	0.17	0.08	16.2
Chondrichthyes	Myliobatiformes	Dasyatidae	Dasyatis_dipterura	9.7	0.17	0.17	15.6
Chondrichthyes	Myliobatiformes	Dasyatidae	Dasyatis_pastinaca	4.8	0.37	0.41	7.5
Chondrichthyes	Myliobatiformes	Myliobatidae	Aetobatus_flagellum	7.0	0.28	0.28	10.6
Chondrichthyes	Myliobatiformes	Myliobatidae	Myliobatis_californicus	5.9	0.33	0.41	8.9
Chondrichthyes	Myliobatiformes	Rhinopteridae	Rhinoptera_bonassus	5.5	0.37	0.07	8.2
Chondrichthyes	Myliobatiformes	Rhinopteridae	Rhinoptera_bonassus	8.5	0.22	0.08	13.0
Chondrichthyes	Myliobatiformes	Urolophidae	Trygonoptera_mucosa	5.9	0.33	0.16	9.0
Chondrichthyes	Myliobatiformes	Urolophidae	Urolophus_lobatus	3.8	0.55	0.17	5.6
Chondrichthyes	Myliobatiformes	Urolophidae	Urolophus_paucimaculatus	5.9	0.33	0.16	9.0
Chondrichthyes	Orectolobiformes	Hemiscyllidae	Chiloscyllium_plagiosum	4.5	0.37	0.55	7.2
Chondrichthyes	Pristiformes	Pristidae	Pristis_perotteti	10.4	0.17	0.22	16.3
Chondrichthyes	Rajiformes	Rajidae	Dipturus_chilensis	13.5	0.12	0.33	21.8
Chondrichthyes	Rajiformes	Rajidae	Dipturus_chilensis	14.4	0.11	0.31	23.5
Chondrichthyes	Rajiformes	Rajidae	Dipturus_chilensis	12.8	0.13	0.37	20.4
Chondrichthyes	Rajiformes	Rajidae	Dipturus_trachydermus	17.4	0.09	0.27	28.5
Chondrichthyes	Rajiformes	Rajidae	Leucoraja_erinacea	6.8	0.24	0.58	10.9
Chondrichthyes	Rajiformes	Rajidae	Leucoraja_naevus	9.0	0.18	0.51	14.6
Chondrichthyes	Rajiformes	Rajidae	Leucoraja_ocellata	9.5	0.17	0.49	15.4
Chondrichthyes	Rajiformes	Rajidae	Raja_asterias	4.1	0.40	1.04	6.6
Chondrichthyes	Rajiformes	Rajidae	Raja_binoculata	8.0	0.21	0.86	12.8
Chondrichthyes	Rajiformes	Rajidae	Raja_brachyura	5.5	0.30	0.77	8.8
Chondrichthyes	Rajiformes	Rajidae	Raja_clavata	6.1	0.27	0.78	9.8
Chondrichthyes	Rajiformes	Rajidae	Raja_clavata	5.0	0.33	0.80	8.0
Chondrichthyes	Rajiformes	Rajidae	Raja_microocellata	5.0	0.33	0.76	8.0
Chondrichthyes	Rajiformes	Rajidae	Raja_miraletus	2.6	0.63	1.49	4.2
Chondrichthyes	Rajiformes	Rajidae	Raja_montagui	5.0	0.33	0.76	8.0
Chondrichthyes	Rajiformes	Rajidae	Raja_montagui	4.1	0.40	0.90	6.6
Chondrichthyes	Rhinobatiformes	Rhinobatidae	Rhinobatos_productus	8.0	0.24	0.36	12.2
Chondrichthyes	Squaliformes	Centrophoridae	Centrophorus_squamosus	46.0	0.04	0.07	71.0
Chondrichthyes	Squaliformes	Centrophoridae	Deania_calcea	29.3	0.06	0.09	46.0
Chondrichthyes	Squaliformes	Dalatiidae	Dalatias_licha	8.8	0.24	0.21	13.0
Chondrichthyes	Squaliformes	Etmopteridae	Etmopterus_baxteri	31.0	0.06	0.09	47.7
Chondrichthyes	Squaliformes	Etmopteridae	Etmopterus_spinax	11.0	0.17	0.18	16.9
Chondrichthyes	Squaliformes	Squalidae	Squalus_acanthias	16.6	0.11	0.16	25.7
Chondrichthyes	Squaliformes	Squalidae	Squalus_acanthias	16.8	0.11	0.17	25.9
Chondrichthyes	Squaliformes	Squalidae	Squalus_acanthias	14.1	0.14	0.19	21.2
Chondrichthyes	Squaliformes	Squalidae	Squalus_acanthias	37.4	0.05	0.09	57.4
Chondrichthyes	Squaliformes	Squalidae	Squalus_acanthias	7.0	0.33	0.31	10.0
Chondrichthyes	Squaliformes	Squalidae	Squalus_blainvillei	6.5	0.32	0.20	9.6
Chondrichthyes	Squaliformes	Squalidae	Squalus_megalops	17.0	0.11	0.13	26.1
Chondrichthyes	Squaliformes	Squalidae	Squalus_mitsukurii	17.0	0.11	0.16	26.1
Chondrichthyes	Squatiformes	Squatinaidae	Squatina_californica	10.8	0.17	0.26	16.7
Chondrichthyes	Squatiformes	Squatinaidae	Squatina_guggenheim	5.0	0.41	0.23	7.4
Chondrichthyes	Squatiformes	Squatinaidae	Squatina_occulta	11.0	0.17	0.14	16.9
Chondrichthyes	Torpediniformes	Torpedinidae	Torpedo_californica	9.8	0.18	0.27	15.4
Chondrichthyes	Torpediniformes	Torpedinidae	Torpedo_marmorata	13.3	0.13	0.19	21.0
Mammalia	Artiodactyla	Bovidae	Aepyceros_melampus	2.0	0.24	0.16	6.2
Mammalia	Artiodactyla	Bovidae	Hemitragus_jemlahicus	2.6	0.23	0.28	7.0
Mammalia	Artiodactyla	Bovidae	Kobus_ellipsiprymnus	1.8	0.18	0.25	7.3
Mammalia	Artiodactyla	Bovidae	Kobus_kob	1.8	0.38	0.21	4.4
Mammalia	Artiodactyla	Bovidae	Ovis_dalli	2.8	0.18	0.13	8.3
Mammalia	Artiodactyla	Bovidae	Rupicapra_rupicapra	2.3	0.35	0.09	5.2
Mammalia	Artiodactyla	Cervidae	Alces_alces	2.5	0.28	0.27	6.0
Mammalia	Artiodactyla	Cervidae	Cervus_elaphus	2.8	0.23	0.12	7.2
Mammalia	Artiodactyla	Cervidae	Odocoileus_hemionus	1.9	0.30	0.50	5.2
Mammalia	Artiodactyla	Cervidae	Rangifer_tarandus	3.3	0.16	0.26	9.6

Mammalia	Artiodactyla	Hippopotamidae	Hippopotamus_amphibius	5.5	0.06	0.06	22.2
Mammalia	Artiodactyla	Suidae	Phacochoerus_aethiopicus	2.1	0.34	0.46	5.1
Mammalia	Artiodactyla	Suidae	Sus_scrofa	1.9	0.55	0.98	3.7
Mammalia	Carnivora	Canidae	Alopex_lagopus	0.9	0.66	2.64	2.4
Mammalia	Carnivora	Canidae	Canis_lupus	1.0	0.55	1.63	2.8
Mammalia	Carnivora	Canidae	Urocyon_cinereoargenteus	1.1	0.35	1.06	3.9
Mammalia	Carnivora	Canidae	Vulpes_vulpes	1.0	0.55	1.78	2.8
Mammalia	Carnivora	Felidae	Felis_catus	1.0	0.83	1.92	2.2
Mammalia	Carnivora	Felidae	Lynx_rufus	1.3	0.62	0.91	2.9
Mammalia	Carnivora	Mustelidae	Lontra_canadensis	3.2	0.26	0.48	7.1
Mammalia	Carnivora	Mustelidae	Mephitis_mephitis	1.0	0.73	1.52	2.4
Mammalia	Carnivora	Mustelidae	Mustela_putorius	1.0	0.35	1.73	3.9
Mammalia	Carnivora	Mustelidae	Taxidea_taxus	1.6	0.64	0.38	3.2
Mammalia	Carnivora	Otariidae	Callorhinus_ursinus	4.7	0.12	0.13	13.0
Mammalia	Carnivora	Phocidae	Halichoerus_grypus	5.0	0.14	0.12	12.1
Mammalia	Carnivora	Phocidae	Mirounga_leonina	5.2	0.25	0.08	9.2
Mammalia	Carnivora	Phocidae	Pusa_hispida	4.2	0.10	0.15	14.2
Mammalia	Carnivora	Ursidae	Ailuropoda_melanoleuca	7.0	0.24	0.12	11.2
Mammalia	Carnivora	Ursidae	Ursus_americanus	5.0	0.18	0.23	10.6
Mammalia	Cetacea	Balaenopteridae	Balaenoptera_acutorostrata	8.0	0.10	0.10	18.0
Mammalia	Cetacea	Balaenopteridae	Balaenoptera_borealis	7.0	0.07	0.08	21.3
Mammalia	Cetacea	Balaenopteridae	Balaenoptera_physalus	11.0	0.05	0.07	31.0
Mammalia	Cetacea	Delphinidae	Delphinapterus_leucas	7.0	0.13	0.02	14.7
Mammalia	Cetacea	Delphinidae	Globicephala_melas	7.0	0.07	0.05	21.3
Mammalia	Cetacea	Delphinidae	Orcinus_orca	15.0	0.02	0.04	65.0
Mammalia	Cetacea	Delphinidae	Stenella_attenuata	11.0	0.10	0.03	21.0
Mammalia	Cetacea	Delphinidae	Tursiops_sp	10.0	0.02	0.11	60.0
Mammalia	Cetacea	Eschrichtiidae	Eschrichtius_robustus	9.0	0.06	0.08	25.7
Mammalia	Cetacea	Monodontidae	Monodon_monoceros	7.5	0.11	0.03	16.6
Mammalia	Cetacea	Physeteridae	Physeter_macrocephalus	11.2	0.06	0.02	27.9
Mammalia	Chiroptera	Rhinolophidae	Rhinolophus_ferrumequinum	3.0	0.24	0.11	7.2
Mammalia	Chiroptera	Vespertilionidae	Eptesicus_fuscus	1.0	0.29	0.45	4.4
Mammalia	Chiroptera	Vespertilionidae	Pipistrellus_pipistrellus	2.0	0.46	0.24	4.2
Mammalia	Chiroptera	Vespertilionidae	Pipistrellus_subflavus	2.0	0.55	0.21	3.8
Mammalia	Insectivora	Erinaceidae	Erinaceus_europaeus	1.0	0.40	1.91	3.5
Mammalia	Insectivora	Talpidae	Talpa_europaea	1.0	0.73	1.21	2.4
Mammalia	Lagomorpha	Leporidae	Lepus_europaeus	0.7	0.70	4.35	2.1
Mammalia	Lagomorpha	Leporidae	Oryctolagus_cuniculus	0.5	3.40	6.53	0.8
Mammalia	Lagomorpha	Leporidae	Sylvilagus_floridanus	0.4	1.54	7.41	1.0
Mammalia	Lagomorpha	Ochotonidae	Ochotona_princeps	0.8	0.56	2.23	2.6
Mammalia	Perissodactyla	Equidae	Equus_caballus	4.0	0.12	0.08	12.3
Mammalia	Perissodactyla	Equidae	Equus_burchellii	3.0	0.12	0.11	11.3
Mammalia	Primates	Cercopithecidae	Macaca_sinica	4.7	0.06	0.14	21.4
Mammalia	Primates	Hominidae	Pan_troglodytes	11.8	0.07	0.05	26.1
Mammalia	Proboscidea	Elephantidae	Loxodonta_africana	15.0	0.06	0.01	31.6
Mammalia	Rodentia	Dipodidae	Zapus_princeps	1.3	0.62	1.04	2.9
Mammalia	Rodentia	Miocastoridae	Myocastor_coyopus	0.7	0.95	4.11	1.8
Mammalia	Rodentia	Muridae	Apodemus_flavicollis	0.2	3.64	10.02	0.5
Mammalia	Rodentia	Muridae	Clethrionomys_glareolus	0.2	3.29	16.41	0.5
Mammalia	Rodentia	Muridae	Peromyscus_maniculatus	0.2	3.79	15.88	0.5
Mammalia	Rodentia	Muridae	Tachyoryctes_splendens	0.4	0.54	2.73	2.3
Mammalia	Rodentia	Sciuridae	Marmota_flaviventris	3.0	0.40	0.43	5.5
Mammalia	Rodentia	Sciuridae	Sciurus_carolinensis	0.8	0.59	2.46	2.5
Mammalia	Rodentia	Sciuridae	Spermophilus_lateralis	1.4	0.60	0.99	3.1
Mammalia	Rodentia	Sciuridae	Spermophilus_armatus	1.0	0.66	1.51	2.5
Mammalia	Rodentia	Sciuridae	Spermophilus_beldingi	1.0	0.65	1.62	2.5
Mammalia	Rodentia	Sciuridae	Tamias_striatus	0.6	1.32	3.39	1.4
Mammalia	Rodentia	Sciuridae	Tamiasciurus_hudsonicus	1.1	0.68	1.20	2.6