

SHARK CONSERVATION

Status & Definitions



Department of
Environmental
Conservation

Organization (Links Below)	Status	Definition
NYSDEC	High Priority Species of Greatest Conservation Need (HPSGC)	Species that are experiencing a population decline or have identified threats that may put them in jeopardy and are in need of timely management intervention or they are likely to reach critical population levels in New York.
	Allowed	Fisheries are permitted for these shark species which abide by fisheries management measures such as season, size and catch limits.
	Prohibited	Fisheries are not permitted for these shark species. Disturbing, pursuing, capturing, killing, harvesting, and possessing these shark species is illegal.
NOAA Fisheries	Species of Concern	Species of Concern are species which there are some concerns regarding status and threats, but insufficient information is available to list the species under the Endangered Species Act (ESA). Species of Concern are commonly declining or appear to be in need of concentrated conservation actions.
ASMFC	Overfishing	Removing fish from a population at a rate that exceeds the threshold established in the fisheries management plan, impacting the stock's reproductive capacity to replace fish removed through harvest.
	Overfished	Occurs when stock biomass falls below the threshold established by the fisheries management plan, impacting the stock's reproductive capacity to replace fish removed through harvest, and that decline is driven primarily by fishing mortality.
IUCN Red List	Near Threatened	A taxon is Near Threatened when it has been evaluated against the criteria but does not qualify for Critically Endangered, Endangered or Vulnerable now, but is close to qualifying for or is likely to qualify for a threatened category in the near future.
	Vulnerable	A taxon is Vulnerable when the best available evidence indicates that it is considered to be facing a high risk of extinction in the wild.
	Endangered	A taxon is Endangered when the best available evidence indicates that it is considered to be facing a very high risk of extinction in the wild.
	Critically Endangered	A taxon is Critically Endangered when the best available evidence indicates that it is considered to be facing an extremely high risk of extinction in the wild.
CITES	Appendix II	Species that are not necessarily now threatened with extinction but that may become so unless trade is closely controlled.

Conservation Status of New York Shark Species

Species	State Listing	Federal Listing	IUCN	CITES	Fishery Status	Overfished	Overfishing
Atlantic Blacktip	-	-	Vulnerable	Appendix II	Allowed	-	-
Basking	-	Species of Concern	Endangered	Appendix II	Prohibited	No	-
Blue	-	-	Near Threatened	Appendix II	Allowed	No	No
Common Thresher	HPSGC	-	Vulnerable	Appendix II	Allowed	-	-
Dusky	HPSGC	Species of Concern	Endangered	Appendix II	Prohibited	Yes	Yes
Sand Tiger	HPSGC	Species of Concern	Critically Endangered	-	Prohibited	No	-
Sandbar	-	-	Endangered	Appendix II	Prohibited	No	Yes
Shortfin Mako	-	-	Endangered	Appendix II	Prohibited	Yes	Yes
Smooth Dogfish	-	-	Near Threatened	-	Allowed	No	No
Smooth Hammerhead	-	-	Vulnerable	Appendix II	Allowed	-	-
Spinner	-	-	Vulnerable	Appendix II	Allowed	-	-
Spiny Dogfish	-	-	Vulnerable	-	Allowed	No	No
White	HPSGC	-	Vulnerable	Appendix II	Prohibited	No	-

*Table last updated on 1/1/2024