

Adopted Vital Sign Indicators (6/10/2020)

Black text = existing indicator | Blue text = new indicator |
Italics = potential future indicator | *Orange italics = refer to HWB* |
* = Chinook Common Indicator

Water Quality

Freshwater

Freshwater benthic index of biotic integrity (B-IBI)
Water temperature in streams and rivers
Nutrients in streams and rivers

Marine Waters

Dissolved oxygen in marine waters
Marine water temperature
Nutrient balance in marine waters
Ocean acidification
Sediment chemistry index
Marine benthic index
Marine benthic index, phase 2
Noise in marine waters

Toxics in Aquatic Life

Contaminants in English sole
Contaminants in Pacific herring
Contaminants in juvenile salmon
Contaminants in adult salmon
Contaminants in caged mussels

Habitats and Water Quantity

Forests and Wetlands

Extent of forest cover
Wetlands extent and condition
Forest condition

Streams and Floodplains

Floodplain function in large and small systems*
Summer low flows in streams and rivers
Extent of forest cover in riparian zones
Changes in hydrologic regime in streams and rivers
Frequency of flood events
Drought emergency extent and frequency

Estuaries

Percent estuarine habitat in functional condition
Accessible pocket estuaries and embayments

Beaches and Marine Vegetation

*Feeder bluffs in functional condition**
Extent of forest cover extent in nearshore/marine riparian areas
Eelgrass Area
Short and long-term eelgrass site status
Floating kelp canopy area
Understory kelp abundance and condition
Drift cells in functional condition
Miles of Intertidal beach in functional condition

Species and Food Webs

Orcas

Number of Southern Resident killer whales
Occupancy/residency of orca in Puget Sound

Salmon

Chinook Salmon returning to spawn
Coho Salmon returning to spawn
Summer Chum Salmon returning to spawn
Steelhead returning to spawn
Harvest

Birds

Abundance of marine bird populations
Abundance of terrestrial bird populations
Estuarine birds

Groundfish and Benthic Invertebrates

Benthic marine fish (or groundfish)
Benthic marine invertebrates

Forage Fish

Biomass of spawning Pacific herring
Regional index of the stock presence and health of forage fish such as Sand Lance, Surf Smelt, and Anchovy

Zooplankton

Average zooplankton biomass
Integrated annual zooplankton biomass
Zooplankton index
Primary production in marine waters

Statutory Goals	Current VS	Revised VS Adopted by the Leadership Council (6/10/2020)
Healthy water quality	Freshwater Quality	Freshwater
	Marine Water Quality	Marine Water
	Marine Sediment Quality	
	Toxics in Fish	Toxics in Aquatic Life
Abundant water	Stream Flows	Streams and floodplains
Protected and restored habitats	Floodplains	
	Land Development and Cover	Forests and wetlands
	Estuaries	Estuaries
	Shoreline Armoring	Beaches and marine vegetation
	Eelgrass	
Thriving species and food webs	Orca	Orca
	Chinook Salmon	Salmon
	Birds	Birds
	--	Groundfish and benthic invertebrates
	Pacific Herring	Forage Fish
	--	Zooplankton