

**Yukon Fish and Game Association's Lake Trout and Salmon Anglers Hook Up
October 17, 2017, Whitehorse, Yukon**

Yukon Fact Sheet - Lake Trout and Chinook Salmon

Lake Trout	Chinook Salmon
	
<p>Slow Freshwater Productivity - grow at less than 0.5 pound per year.</p>	<p>High Marine Productivity - grow at 5 to 10 pounds per year.</p>
<p>Very long-lived, up to 40+ years.</p>	<p>Relatively short lived – up to 7 years.</p>
<p>Late Maturity at approx. 9-12 years.</p>	<p>Early Maturity at approx. 5-6 years.</p>
<p>Once mature, spawn multiple times (every 1-3 years) throughout lifetime.</p>	<p>Spawn once in a lifetime and then die.</p>
<p>Angler effort and harvest is increasing.</p>	<p>Angler effort and harvest is declining.</p>
<p>Spawning occurs in the fall / early winter in lakes. Eggs are broadcast distributed (no redd or nest constructed) on rocky substrate in 2 to 5 meters of water, largely exposed to prevailing winds.</p>	<p>Spawning occurs in August throughout various tributaries to the Yukon and Alsek Rivers. Eggs are deposited into redd constructed by the female, in 1 to 3 meters of flowing water over cobble.</p>
<p>Live in lakes and some larger to mid-size rivers. Most Yukon lakes are at the northern extent of Lake Trout distribution, and are colder and have fewer nutrients which results in slower growth and lower survival than in the south.</p>	<p>Live in freshwater for first 2 years of life, followed by 2 to 4 years in ocean prior to returning to freshwater for 3-4 months to spawn and subsequently die. Adult carcasses provide essential nutrients to rivers (supporting fry survival).</p>
<p>Lake Trout are generally categorized as small-bodied benthic/insectivorous (eat insects, snails), planktivorous (eat plankton) or large-bodied piscivorous (feeding on fish). All types might be found in the same lake.</p>	<p>Adult salmon can range from 3 year old “residuals” less than 20” in size to 7 year old adults at up to 50” in length. Adult salmon do not actively feed in fresh water.</p>
<p>Lake Trout have adapted their life history to specific conditions in individual lakes. This results in differences in skin, flesh colour, body shape, and behaviour.</p>	<p>Different sub-populations or “stocks” can exhibit different characteristics (size and colour). Flesh can be orange or white.</p>
<p>Can only sustain very low to moderate harvest rates, depending on the lake.</p>	<p>Under normal conditions can sustain relatively high harvest rates (up to 70%).</p>
<p>Lakes that are more accessible,</p>	<p>When salmon survival is low, no harvest</p>

campground lakes, feature high harvest rates (such as Frenchman, Fox or Kusawa) and require more restrictions to sustain stocks.	can be accommodated (low recruitment in recent years - 1 adult for each spawner)
Administered by Government of Yukon (Environment – Fisheries) under the <i>Yukon Territory Fishing Regulations</i> and certain provisions in First Nation Final Agreements	Co-Managed by Fisheries and Oceans Canada, Yukon Salmon Sub-Committee and Self-Governing Yukon First Nations (<i>Fishery General Regulations</i>). Managed under the <i>International Pacific Salmon Treaty - Yukon River Salmon Agreement</i>
Fishery regulation changes made through the Yukon Fish and Wildlife Management Board via recommendations to the Minister of Environment, Yukon	Fishery regulation changes made through the Yukon Salmon Sub-Committee via recommendations to the Minister of Fisheries and Oceans Canada

Contacts and Ways to Get Involved:

Lake Trout	Chinook Salmon
Yukon Fish and Game Association - http://www.yukonfga.ca/	Yukon Fish and Game Association - http://www.yukonfga.ca/
Yukon Fish and Wildlife Management Board - Annual Regulation Change Process - http://yfwmb.ca/	Yukon Salmon Sub-Committee - Annual Recommendations to the Minister of Fisheries and Oceans - http://yssc.ca/
Yukon Fisheries - Government of Yukon, Department of Environment - http://www.env.gov.yk.ca/	Fisheries and Oceans Canada - http://www.pac.dfo-mpo.gc.ca/yukon/index-eng.html
Renewable Resources Councils in your area - http://yfwmb.ca/renewable-resource-councils/	Renewable Resources Councils in your area - http://yfwmb.ca/renewable-resource-councils/
Yukon First Nation Governments w/n a traditional territory - https://www.aadnc-aandc.gc.ca/eng/1100100028350/1100100028351	Yukon First Nation Governments w/n a traditional territory - https://www.aadnc-aandc.gc.ca/eng/1100100028350/1100100028351

Presentation courtesy of <https://www.keepemwet.org/>.

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Special thanks to: Yukon Fish and Game Association, Fisheries and Oceans Canada, Yukon Salmon Sub-Committee, Yukon Fisheries, Yukon Fish and Wildlife Management Board, Yukon Fish and Wildlife Enhancement Trust, Pacific Salmon Foundation, On Top Fly Shop, and Keepemwet.org.