

Salmon

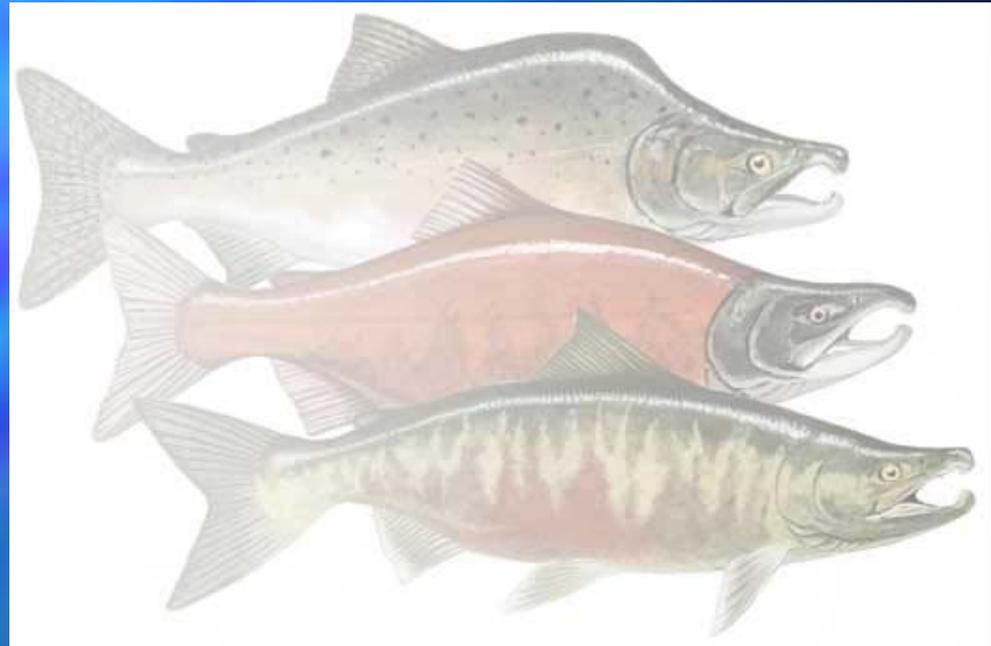


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McNary High
School*

Salmon Species

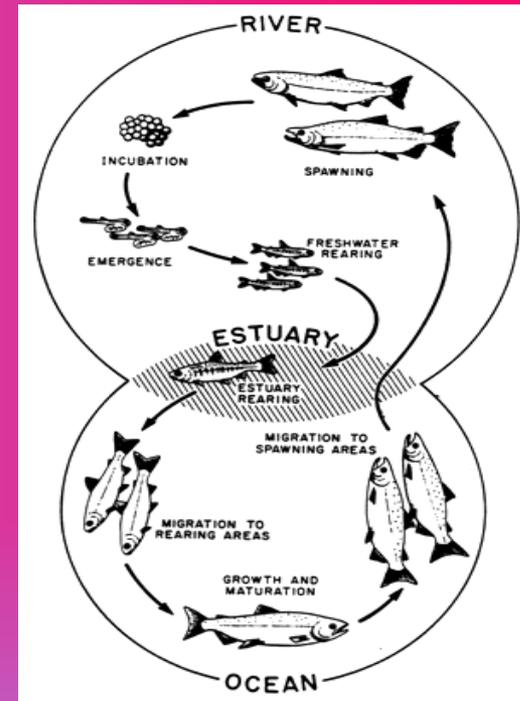
(Different kinds of salmon)

- Chinook
- Coho
- Sock-eye
- Chum
- Pink
- Kokanee



Five Stages

- Eggs: not "born" yet
- Alevins: just hatched
- Fry: live in freshwater
- Smolts: transfer from freshwater to saltwater
- Adult: Live in saltwater for 3-5 years



Native Americans



- Salmon play an important role in Indian culture and religion
- In 1770 there were 100,000 Native Americans in the Northwest ... and salmon runs of nearly 16,000,000!
- Currently there are fewer than 10,000 Native Americans and runs of only a few 100,000!!!!
- Treaties were signed to assure tribes of rights to salmon ... in trade they gave away their land.
- Now that the fisheries are almost gone ... the land is lost and what do they have to show for it!?

Predators

(Animals that feed on salmon)

*Caspian Terns

Chub/Squawfish

Bears

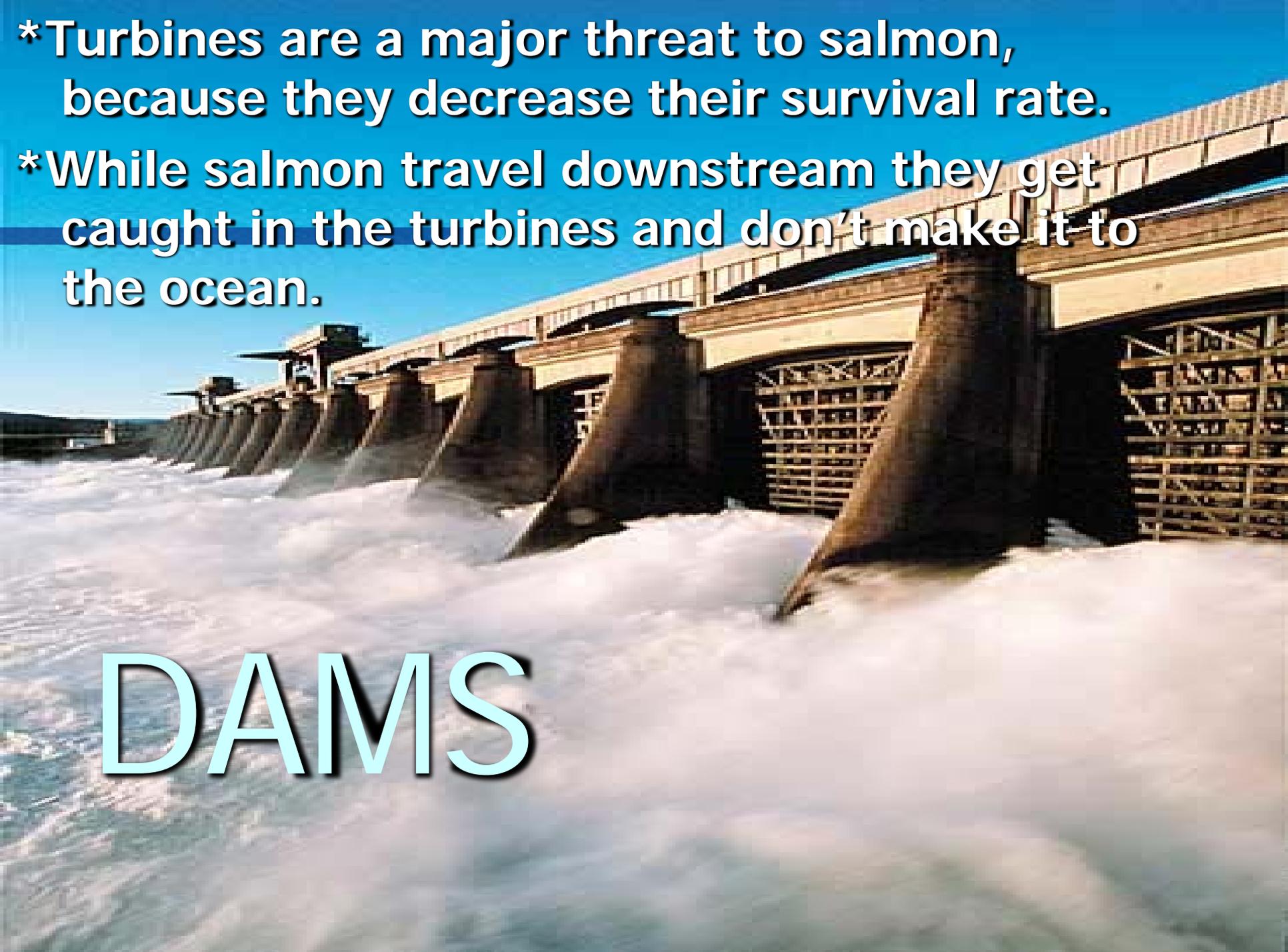
*Seals/Sea lions

Others ...



***Turbines are a major threat to salmon,
because they decrease their survival rate.**

***While salmon travel downstream they get
caught in the turbines and don't make it to
the ocean.**



DAMS

Fishermen

- Humans just like us like to fish, but we don't think about how it could damage the salmon's survival rate.
- Commercial and recreational fishing are factors in hurting the survival rate of salmon.



- Farming
- Ranching



- These activities use lots of water, which means maybe not enough for salmon to lay their eggs!

Other influences

- *Mining* – Gold mining from the 1800's can remove gravel that salmon need for spawning.
- *Urban development* – Building cities and roads means loss of habitat for salmon
- *Forestry* – Cutting trees can mean less shade for streams and run-off of soils that can kill fish

Hatcheries (places where salmon are raised)

- Most salmon in our rivers are now raised in hatcheries (about 70%)
- There is concern over the impact of mixing these fish with native populations
- Hatcheries are needed, But how many/much is the question?



REMEMBER ...

- Salmon are important to the Northwest and are now protected under federal law
- There are very few salmon left compared to what there used to be.
- How we act and what we do may help keep salmon around for years to come!

