

New York State



ONEIDA

FISH CULTURAL STATION

- Located on north shore of Oneida Lake in Village of Constantia
- Primary function is raising walleye
- Secondary production includes Lake Sturgeon, Round Whitefish, Cisco, Tiger Musky and Pure Musky.
- **Fish are stocked across NYS into public waters**
- Hatchery was built in 1992, approx 18k sq ft, including an office, visitor center, rearing room, research room and misc. rooms for mechanical equipment.
- Water source is Scriba Creek, gravity fed to hatchery.
- Open daily April 1-Sept 1 8am-3:30pm and tours are available. **Covid Closure**

	<u>2019</u>	<u>2020</u>	<u>2021</u>
Walleye Collected -	16,620	3,845	12,424
Females Used -	5,816	1,605	5,190
Eggs Collected -	324M	88.65M	271.2M
Nets Set -	9	4	7



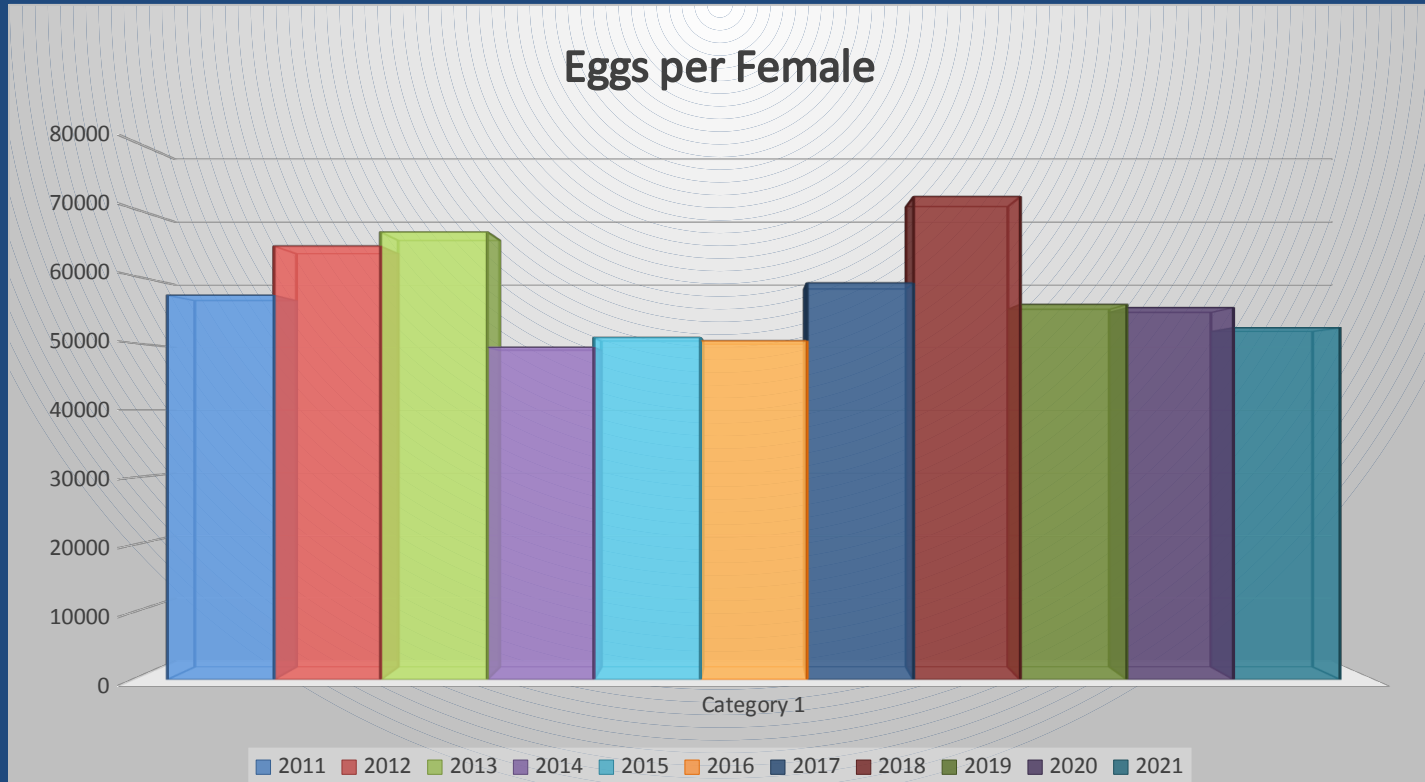
·Adults are hand stripped into a mixing bowl using 2 males to 1 female preferably, but due to lack of males this year, we used a 1:1 ratio after the first day.



12.55lb 28" Female



- Eggs are mixed with tannic acid to remove adhesive coating, rinsed and water hardened for 1 hour.
- While water hardening they are disinfected with iodophor.
- They are then placed into McDonald type incubation jars with flows of 1-2gpm.
- This year we saw 52,254 eggs per female



- Eggs incubate for ~21 days, formalin is used daily to control fungus.
- Majority of fry are stocked immediately after hatching.
- Oneida Lake is stocked using a pontoon boat. Other waters and transfers to other hatcheries are via truck.



- 275,000 fry will be kept at Oneida for intensive culture
- Immersed in an Oxytetracycline (OTC) bath to mark otolith.
- Stocked into 15 indoor raceways (25' X 45" X 2' ~1400gal)
- Fry will be fed live brine shrimp for 35-50 days and then stocked at 1.5".



Lake Sturgeon

- Eggs collected from wild fish from the St. Lawrence River and delivered to Oneida Hatchery and the Genoa National Hatchery in Wisconsin
- Eggs are incubated in McDonald jars with 1-2 gpm flow.

Oneida Hatchery Stocks...

- Oneida Lake – 500 fish
- Cayuga Lake – 2500 fish
- Genesee River – 1000 fish

6 other NY waters are stocked with the fish from Genoa.





More Species

- Due to South Otselic Hatchery taking Rome Brood Stock, Tiger Muskies will be coming to Oneida Hatchery. This year will be a test run with a couple tanks and if all goes well, we will take on the full production next year.
- SUNY ESF has requested that DEC help raise pure strain muskellunge. We will raise 30,000 up to 3" and then transfer them to South Otselic Ponds.

Species Reared at Oneida Hatchery

- Walleye – 207M fry - 165,000 50 day Fingerlings
- Lake Sturgeon – 4,000 7”+ fingerlings
- Cisco - 15,000 3” raised in Recirc
- Round Whitefish - 15,000 1” raised in Recirc
- Muskellunge – 30,000 3”
- Tiger Musky – 20,000 7”- 9”