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2018 CENSUS OF AQUACULTURE

AQ-100
(10/28/20XX)



**National Agricultural
Statistics Service**

Please return your
completed report to:

Census of Aquaculture
1201 East 10th Street
Jeffersonville, IN 47132

Please make corrections to name, address and ZIP code if necessary.

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Your report is due by January 15, 2019.

Questions? Call us toll free at 1-888-4AG-STAT (1-888-424-7828)

SECTION 1: AQUACULTURE PRODUCTION SCREENING

1. In 2018, did this operation or the individual(s) listed on the address label **produce** any fish, mollusks, crustaceans, or other aquaculture products? **Produce** means that inputs are supplied to add weight or change the form of aquatic animals.

INCLUDE: • Shellfish, egg production, food or sport fish, baitfish, ornamentals, crustaceans, mollusks, catfish, crawfish, koi, minnows, oysters, perch, soft-shell crabs, trout, turtles, and other aquaculture products.

EXCLUDE: • Wild-caught products.
• Aquaculture products purchased from other growers for immediate resale or distribution.

³⁷⁷ 1 **Yes** - Continue to Question 2 below 3 **No** - Go to Question 5, page 2

2. In 2018, did this operation or the individual(s) listed on the address label **sell** any fish, mollusks, crustaceans, or other aquaculture products that were produced?

³⁷⁰ 1 **Yes** - Continue to Question 3, page 2 3 **No** - Continue to Question 3, page 2



SECTION 1: AQUACULTURE PRODUCTION SCREENING (continued)

3. In 2018, did this operation or the individual(s) listed on the address label **distribute** any fish, mollusks, crustaceans, or other aquaculture products that were produced? **Distribute** is the release of aquatic animals for restoration, conservation, enhancement, or recreational purposes.

xxx

1 **Yes** - Continue to Question 4 below 3 **No** - Continue to Question 4 below

4. In 2018, did this operation or the individual(s) listed on the address label **transfer** any fish, mollusks, crustaceans, or other aquaculture products that were produced? **Transfer** is transferring the control of aquatic animals to another party, with no money exchanged.

xxx

1 **Yes** - Go to Section 2 3 **No** - Go to Section 2

5. You indicated that this operation or the individual(s) listed on the address label did not produce any fish, mollusks, crustaceans, or other aquaculture products in 2018.

Did this operation or the individual(s) listed on the address label **only distribute** these aquaculture products after purchasing them from another grower in 2018?

xxx

1 **Yes** - Go to Section 12, page 15 3 **No** - Go to Section 13, page 16

SECTION 2: SOURCES OF WATER

1. In 2018, which of the following **SOURCES** of water did this operation use for its aquaculture production? Check all that apply.

- 151 **Groundwater** - Water from a well or wells located on this farm or another farm, or recycled from a well pond.
- 152 **On-farm surface water** - Surface supply not controlled by a water supply organization. Include streams, drainage ditches, farm lakes, runoff ponds, springs, or reservoirs on or adjacent to this farm.
- 153 **Off-farm water** - Water from a federal supplier, irrigation district, cooperative or neighborhood ditches, commercial company, or municipal or community water system.
- 154 **Saltwater** - Include brackish water, tidal, sub-tidal, open public waterways, owned or leased.

SECTION 3: METHODS OF PRODUCTION

1. In 2018, how many **freshwater** acres or square feet:

a. Were used to produce fish, mollusks, crustaceans, or other aquaculture products? 120

(i) Of those reported in 1a, how many were rented or leased from others? (Include leased from the State.) . . 124

| Freshwater Acres | |
|------------------|--------|
| Acres | Tenths |
| | |
| | |

OR
xxx
OR
xxx

| Freshwater Square Feet |
|------------------------|
| |
| |

2. In 2018, how many **saltwater** acres or square feet:

a. Were used to produce fish, mollusks, crustaceans, or other aquaculture products? 121

(i) Of those reported in 2a, how many were rented or leased from others? (Include leased from the State.) . . 122

| Saltwater Acres | |
|-----------------|--------|
| Acres | Tenths |
| | |
| | |

OR
xxx
OR
xxx

| Saltwater Square Feet |
|-----------------------|
| |
| |

3. Which production methods did this operation use in 2018?

a. **Ponds:**

(i) How many ponds were used to produce aquaculture products? (Exclude flooded cropland). 125

| Acres | |
|-------|--------|
| Acres | Tenths |
| | |
| | |

OR
139

| Number |
|--------|
| |

| Square Feet |
|-------------|
| |



SECTION 3: METHODS OF PRODUCTION (continued)

3. (Continued from previous page) Which production methods did this operation use in 2018?

b. **Cropland used for crawfish:** How many total cropland acres were used for crawfish production? 129

| Acres | Tenths |
|-------|--------|
| | |

c. **Flow through raceways:** How many raceways were used for raising aquaculture products? 132

| Number |
|--------|
| |

(i) What was the average gallons per minute of these raceways? xxx

| Gallons |
|---------|
| |

(ii) What was the average cubic feet per second of these raceways? xxx

| Cubic Feet |
|------------|
| |

d. **Recirculating systems** (Exclude aquaponics, report in Item 3f):
 (i) How many recirculating tanks were used to produce aquaculture products? . . 126

| Number |
|--------|
| |

(ii) What was the total volume of these tanks? 135

| Gallons |
|---------|
| |

e. **Non-recirculating systems:**
 (i) How many non-recirculating tanks were used to produce aquaculture products? 123

| Number |
|--------|
| |

(ii) What was the total volume of these tanks? 140

| Gallons |
|---------|
| |

f. **Aquaponics:**
 (i) How many tanks were used to produce aquaculture products in an aquaponics system? 128

| Number |
|--------|
| |

(ii) What was the total volume of these tanks? 134

| Gallons |
|---------|
| |

g. **Cages or Pens:**
 (i) How many cages or pens were used to produce aquaculture products? (Exclude traps) 127

| Number |
|--------|
| |

(ii) What was the total volume of these cages or pens? 133

| Cubic Feet |
|------------|
| |

h. **Mollusks on bottom:** What was the total water surface area? 136

| Acres | Tenths |
|-------|--------|
| | |

i. **Mollusks off bottom:** Which of the following were used? Check all that apply.

- 141 Floating Trays 143 Long lines 145 Rafts 8013
- 142 Racks and bags 144 String culture 146 Other - specify:

j. **Other method not listed above:** Report unit and volume.

| Specify type ↴ | Unit | Volume |
|-------------------------------------|----------------------|--------------------------|
| 8014 <input type="text"/> . . . 137 | <input type="text"/> | <input type="text"/> 138 |

SECTION 4: CATFISH PRODUCTION

1. Did this operation **produce** any catfish in 2018?

³⁷² 1 Yes - Continue

3 No - Go to Section 5, page 6

2. What are the total WATER ACRES used and to be used on this operation to produce catfish during the period of **January 1 – June 30, 2019?**
(Exclude areas of new facilities under construction) 259

Acres

a. How many of the total acres are currently being or will be RENOVATED? 260

b. How many of the total acres are USED FOR BROODFISH production? 261

c. How many of the total acres are USED FOR FOODSIZE production? 266

d. How many of the total acres are USED EXCLUSIVELY FOR FINGERLINGS? 262

3. What is the water area of NEW FACILITIES under construction or to be constructed for use during the period of **January 1 – June 30, 2019?** 263

4. Of the facilities previously used to produce catfish, how much water area was TAKEN OUT OF PRODUCTION during the period of **July 1 – December 31, 2019?** 264

5. How many of the total acres are USED OR TO BE USED FOR HYBRID CATFISH during the period of **January 1 – June 30, 2019?** 265

6. On **January 1, 2019**, what was this operation's estimated inventory of catfish in the following size categories? For items 6b through 6g, exclude Broodfish reported in item 6a.

| SIZE CATEGORY | CATFISH INVENTORY | | | | |
|--|-------------------|----|--------------|----------------|---------------|
| | Total Number | OR | Total Pounds | Average Pounds | |
| | | | | Per Fish | Per 1000 Fish |
| a. Broodfish - fish being used or to be used for breeding | 721 | OR | 720 | 722 | Tenths |
| | 724 | | 723 | 725 | |
| b. Large Foodsize - over 3 lbs. | | OR | | | |
| | 727 | | 726 | 728 | |
| c. Medium Foodsize - over 1½ lbs. to 3 lbs. | | OR | | | |
| | 730 | | 729 | 731 | |
| d. Small foodsize - over ¾ lbs. to 1½ lbs. | | OR | | | |
| | 733 | | 732 | | |
| e. Large Stockers - over 180 lbs. to 750 lbs./1000 fish. | | OR | | | 735 |
| | 737 | | 736 | | |
| f. Small Stockers - over 60 lbs. to 180lbs./1000 fish. | | OR | | | 739 |
| | 741 | | 740 | | |
| g. Fingerlings - 2 to 6 inches OR 2 to 60 lbs./1000 fish. | | OR | | | 742 |
| | | | | | |

SECTION 4: CATFISH PRODUCTION (continued)

7. During 2018, what were this operation's Total Catfish Sales in the following size categories? Value of sales should reflect the price received at the farm gate, excluding packaging and distribution costs. If this operation has its own processing plant, the reported sales should be the value going into the plant. For items 7c through 7f, exclude Broodfish reported in items 7a and 7b. Exclude fish bought for immediate resale or fish brokered by this operation.

| SOLD AS: | Total Number Sold | Total Pounds Live Weight Sold | Total Sales (Dollars) |
|---|--------------------------|--------------------------------------|------------------------------|
| a. Broodfish (fish being used or to be used for breeding) | 610 | 609 | 611 |
| | | | \$.00 |
| b. Broodfish (previously used for breeding) | 613 | 612 | 614 |
| | | | \$.00 |
| c. All Foodsize (over ¾ lbs. per fish). | 616 | 615 | 617 |
| | | | \$.00 |
| d. Stockers (over 6 inches) or (over 60 lbs. to 750 lbs. per 1000 fish). | 619 | 618 | 620 |
| | | | \$.00 |
| e. Fingerlings (2 to 6 inches) or (2 lbs. to 60 lbs. per 1000 fish). | 622 | 621 | 623 |
| | | | \$.00 |
| f. Fry (under 2 inches) or (less than 2 lbs. per 1000 fish) | 625 | 624 | 626 |
| | | | \$.00 |
| g. Catfish Eggs (fertilized) | 627 | | 628 |
| | | | \$.00 |

8. In 2018, what percent of the total value of catfish sales reported in Items 7a - 7g above was sold directly to each of the following point of first sale outlets? Exclude fish bought for immediate resale or fish brokered by this operation.

| POINT OF FIRST SALE OUTLET | Percent of Total Value of Sales: | | | |
|---|--|---|--|---|
| | FOODSIZE over ¾ pound (Include Broodfish) | | STOCKERS ¾ lb. or less (usually 6 inches or more in length) | |
| a. Processors (also include fish processed on the operation). | 640 | % | | |
| b. Live haulers/brokers | 630 | % | 631 | % |
| c. Retail outlets (restaurants, grocery stores, etc.). | 642 | % | | |
| d. Direct to consumers (farmers market, on-farm fee fishing) | 638 | % | | |
| e. Recreational stocking (private lakes and ponds). | 632 | % | 633 | % |
| f. Wholesale to other producers (to stock commercial and fee fishing operations) | 634 | % | 635 | % |
| g. Government agencies | 636 | % | 637 | % |
| h. Exports | 646 | % | 647 | % |
| i. Other, specify: <input type="text" value="8015"/> | 644 | % | 645 | % |
| Total | 100% | | 100% | |

| | | | | | |
|----------------------|----------------------------------|----------------------|--------------------------------------|----------------------|----------------------------------|
| 270 | Office Use Only Acres | 760 | Office Use Only Inventory | 650 | Office Use Only Sales |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

SECTION 5: TROUT PRODUCTION

1. Did this operation **produce** any trout or trout eggs in 2018? (Trout produced and not sold but **distributed** for restoration, conservation or recreation purposes should be reported in Section 12, page 15).

³⁷⁵ 1 **Yes** - Continue

3 **No** - Go to Section 6, page 8

2. What were the total trout sales of fish and eggs produced or raised (grown-out) on this operation during 2018, for the size categories below? Value of sales should reflect the price received at the farm gate, excluding packaging and distribution costs. If this operation has its own processing plant, the reported sales should be the value going into the plant. For Items 2b through 2d, exclude Broodfish reported in item 2a. **Report distributed trout (not sold) in Section 12.**

| FISH SIZE: | Total Number Sold | Total Pounds Live Weight Sold | Total Sales** (Dollars) |
|--|-------------------|-------------------------------|-------------------------|
| a. Broodfish (fish being used or to be used for breeding) | 067 | 068 | 069 |
| | | | \$.00 |
| b. 12 inches or longer | 022 | 023 | 024 |
| | | | \$.00 |
| c. 6 inches to less than 12 inches long | 025 | 026 | 027 |
| | | | \$.00 |
| d. 1 inch to less than 6 inches long | 057 | 058 | 059 |
| | | | \$.00 |
| e. Trout Eggs (fertilized) | 028 | | 029 |
| | | | \$.00 |

** Live weight price – exclude cleaning charges.

3. In 2018, what percent of the total trout value of sales reported in Items 2a - 2e was sold directly to each of the outlets listed below? Exclude fish bought for immediate resale or fish brokered by this operation.

| POINT OF FIRST SALE OUTLET | PERCENT OF TOTAL VALUE OF SALES | | | |
|---|---------------------------------|---|--------------------------|---|
| | 12 inches or longer | | 6 to less than 12 inches | |
| a. Processors (also include fish processed on the operation) . . . | 039 | % | 061 | % |
| b. Live haulers/brokers | 030 | % | 031 | % |
| c. Retail outlets (restaurants, grocery stores, etc.) | 040 | % | 062 | % |
| d. Direct to consumers (farmers market, on-farm fee fishing) . . . | 019 | % | 063 | % |
| e. Recreational stocking (private lakes and ponds) | 032 | % | 033 | % |
| f. Wholesale to other producers (to stock commercial and fee fishing operations) | 034 | % | 035 | % |
| g. Government agencies | 036 | % | 037 | % |
| h. Exports | 070 | % | 071 | % |
| i. Other, specify: ⁸⁰¹⁷ <input type="text"/> . . . | 041 | % | 042 | % |
| Total | 100% | | 100% | |

SECTION 5: TROUT PRODUCTION (continued)

4. What were the total **number** and **live weight pounds** of trout lost during 2018 for each of the following reasons?

- Include:
- Only losses intended for sale
 - All lengths and sizes

| CAUSE OF LOSS | INTENDED FOR SALE | | | |
|--|-------------------|--|--------|--|
| | Number | | Pounds | |
| a. Disease | 045 | | 046 | |
| b. Theft or vandalism | 047 | | 048 | |
| c. Chemical contamination | 049 | | 050 | |
| d. Drought | 051 | | 052 | |
| e. Flood | 053 | | 054 | |
| f. Predators (animals, birds, etc.) | 081 | | 082 | |
| g. Other, specify: <input type="text" value="8019"/> | 055 | | 056 | |

| |
|--------------------------|
| Office Use Only |
| 707 <input type="text"/> |

Trout distributed reported in Section 12, page 15

SECTION 6: FOOD AND/OR SPORT FISH PRODUCTION

1. Other than catfish or trout, did this operation **produce** any food fish or sport fish, including carp used as biological control agents, in 2018?

378 1 **Yes** - Continue

3 **No** - Go to Section 7, page 9

2. Include the number sold, total pounds and total sales for each size category. **Use a separate line for each species and size category sold.** Value of sales should reflect the price received at the farm gate, excluding packaging and distribution costs. If this operation has its own processing plant, the reported sales should be the value going into the plant. For eggs report total number sold and total sales. Report roe caviar in Section 10.

PLEASE COMPLETE ALL COLUMNS

| 1 | | 2 | | 3 | 4 | 5 |
|---|-----------|---|--|---|----------------------------------|---------------------|
| Species and Code From table at the bottom of this page | | Size Category 1 - Foodsize or market size 2 - Stockers 3 - Fingerlings or Fry 4 - Broodfish 5 - Eggs complete columns 3 and 5 | | Total Number of Fish or Eggs Sold | Total Pounds Live Weight Sold | Total Sales |
| Species produced and sold | Code | Enter Code | | Number | Pounds | Dollars |
| Example: Tilapia | 26 | 1 | | 12,000 | 18,000 | \$ 45,000.00 |
| Example: Sunfish | 24 | 3 | | 450,000 | 9,000 | \$ 70,000.00 |
| | 300 | 301 | | 302 | 303 | 304 |
| | | | | | | \$.00 |
| | 305 | 306 | | 307 | 308 | 309 |
| | | | | | | \$.00 |
| | 310 | 311 | | 312 | 313 | 314 |
| | | | | | | \$.00 |
| | 315 | 316 | | 317 | 318 | 319 |
| | | | | | | \$.00 |
| | 320 | 321 | | 322 | 323 | 324 |
| | | | | | | \$.00 |
| | 325 | 326 | | 327 | 328 | 329 |
| | | | | | | \$.00 |
| | 330 | 331 | | 332 | 333 | 334 |
| | | | | | | \$.00 |
| | 335 | 336 | | 337 | 338 | 339 |
| | | | | | | \$.00 |
| | 345 | 346 | | 347 | 348 | 349 |
| | | | | | | \$.00 |
| | 355 | 356 | | 357 | 358 | 359 |
| | | | | | | \$.00 |

| Name | Code | Name | Code | Name | Code | Name | Code |
|--------------------------------|------|----------------------------------|------|---|------|-------------------------------------|------|
| Barramundi | 1 | Carp, silver | 9 | Pangasius/Swai | 18 | Sturgeon | 25 |
| Bass, hybrid striped | 2 | Carp, other | 10 | Perch, yellow | 19 | Tilapia | 26 |
| Bass, largemouth | 3 | Cobia | 11 | Red drum | 20 | Walleye | 27 |
| Bass, smallmouth | 4 | Cod, Atlantic | 12 | Salmon, Atlantic | 21 | Yellow croaker | 28 |
| Carp, bighead | 5 | Cod, black | 13 | Salmon, Pacific | 22 | Other food fish | |
| Carp, black | 6 | Crappie (sac- au-lait) | 14 | Seriola | 23 | Enter name in first column. | 29 |
| Carp, common | 7 | Flounder | 15 | Sunfish (Include bluegill, coppernose, bream, redeer/shellcrackers, etc.) | 24 | Other sport fish | |
| Carp, grass | 8 | Muskie | 16 | | | Enter name in first column. | 30 |
| | | Northern pike | 17 | | | | |

SECTION 7: BAITFISH PRODUCTION

1. Did this operation **produce** any baitfish, including crawfish sold for bait, in 2018? Report crawfish for food in Section 8.

379 1 **Yes** - Continue

3 **No** - Go to Section 8, page 10

| Acres | Tenths |
|-------|--------|
| | |

2. How many surface acres of water were used to produce baitfish in 2018? . . . 400

3. Report baitfish sales below. Value of sales should reflect the price received at the farm gate, excluding packaging and distribution costs. Exclude fish bought for immediate resale or fish brokered by this operation. Report baitfish sold by the:

- Pound or Number of fish in TABLE 3a. If the total number of fish sold is not known, report the approximate number of fish per pound.
- Gallon in TABLE 3b. If pounds and number of fish are not known, approximate. Report crawfish sold for bait in sacks.

TABLE 3a: Baitfish Sold by the Pound or Number of Fish

| Species Raised and Sold | Pounds Live Weight Sold | | Number of Fish | | | Total Sales (Dollars) | |
|---|-------------------------|--|---------------------------|-----------|--------------------------|-----------------------|----------------|
| | | | Total Number of Fish Sold | OR | Number of Fish per Pound | | |
| Example: Fathead minnows | 20 | | | OR | 250 | \$ | 225 .00 |
| Fathead minnows | 402 | | 401 | OR | 403 | 404 | \$.00 |
| Goldfish - feeder and bait | 410 | | 409 | OR | 411 | 412 | \$.00 |
| Golden shiners | 418 | | 417 | OR | 419 | 420 | \$.00 |
| Other shiners (Emerald, silver, etc.) | 426 | | 425 | OR | 427 | 428 | \$.00 |
| Suckers | 434 | | 433 | OR | 435 | 436 | \$.00 |
| Crawfish - bait (report crawfish for food in Section 8) | 442 | | 441 | OR | 443 | 444 | \$.00 |
| Other, ⁸⁰²⁹ specify: | 450 | | 449 | OR | 451 | 452 | \$.00 |

**TABLE 3b: Baitfish Sold by the Gallon
PLEASE COMPLETE ALL COLUMNS**

| Species Raised and Sold | Total Number of Gallons Sold | | Pounds Per Gallon Sold | Tenths | Number of Fish per Gallon | | Total Sales (Dollars) | |
|--|------------------------------|--|------------------------|----------|---------------------------|-----|-----------------------|------------------|
| Example: Golden shiners | 150 | | 8 | 5 | 1,500 | | \$ | 6,000 .00 |
| Fathead minnows | 405 | | 406 | | 465 | 466 | \$ | .00 |
| Goldfish - feeder and bait | 413 | | 414 | | 415 | 416 | \$ | .00 |
| Golden shiners | 421 | | 422 | | 423 | 424 | \$ | .00 |
| Other shiners (Emerald, silver, etc.) | 429 | | 430 | | 431 | 432 | \$ | .00 |
| Suckers | 437 | | 438 | | 439 | 440 | \$ | .00 |
| Crawfish - bait in sacks (report crawfish for food in Section 8) | 445 | | 446 | | 447 | 448 | \$ | .00 |
| Other, ⁸⁰³¹ specify: | 453 | | 454 | | 455 | 456 | \$ | .00 |

SECTION 8: CRUSTACEANS AND MOLLUSKS PRODUCTION
 (Include clams, crawfish, oysters, shrimp, soft-shell crabs, etc.)

1. Did this operation **produce** any crustaceans or mollusks in 2018?

380 1 **Yes** - Continue

3 **No** - Go to Section 9, page 12

2. Report each species and size category on a separate line. Value of sales should reflect the price received at the farm gate, excluding packaging and distribution costs. If this operation has its own processing plant, the reported sales should be the value going into the plant. Report crawfish for bait in Section 7.

| | 1 | 2 | 3 | 4 | 5 |
|-----------|---|-----------|--|-----------------------------|--|
| | Species and Code From the table at the bottom of this page | | Size Category 1 - Food or market size 2 - Broodstock 3 - Larvae 4 - Seed - Complete only columns 4, 5, 9 5 - Other, specify: 8114 <input type="text"/> | Number of Units Sold | Unit Sold 1 - Number 2 - Pound - in shell 3 - Pound - out of shell 4 - Dozen 5 - Bushel 6 - Sack/bag 7 - Gallon 8 - Barrel 9 - Pint 10 - Other, specify: 8115 <input type="text"/> |
| LINE | Species produced and sold | Code | Enter Code | Number | Enter Code |
| | Example: Crawfish | 7 | 1 | 100,000 | 2 → |
| | Example: Pacific oyster seed | 13 | 4 | 8,000,000 | 1 → |
| | Example: Eastern oysters | 12 | 1 | 150 | 4 → |
| 01 | | 881 | 882 | 883 | 884 → |
| 02 | | 889 | 890 | 891 | 892 → |
| 03 | | 897 | 898 | 899 | 900 → |
| 04 | | 905 | 906 | 907 | 908 → |
| 05 | | 913 | 914 | 915 | 916 → |
| 06 | | 021 | 922 | 923 | 924 → |
| 07 | | 929 | 930 | 931 | 932 → |
| 08 | | 937 | 938 | 939 | 940 → |
| 09 | | 945 | 946 | 947 | 948 → |
| 10 | | 954 | 955 | 956 | 957 → |
| 11 | | 962 | 963 | 964 | 965 → |
| 12 | | 970 | 971 | 972 | 973 → |

| Name | Code | Name | Code | Name | Code |
|--------------------------------------|------|---|------|--------------------------------------|------|
| Abalone | 1 | Crawfish for food - report | | Oysters, Eastern. | 12 |
| Clams, hard | 2 | crawfish for bait in Section 7. | 7 | Oysters, Pacific | 13 |
| Clams, Manila | 3 | Lobster | 8 | Oysters, other. | |
| Clams, Geoduck | 4 | Mussels | 9 | Enter name in first column | 14 |
| Clams, other. | | Prawns, fresh water | 10 | Other crustaceans. | |
| Enter name in first column | 5 | Shrimp, salt water | 11 | Enter name in first column | 15 |
| Crabs, soft-shell | 6 | | | Other mollusks. | |
| | | | | Enter name in first column | 16 |

SECTION 8: CRUSTACEANS AND MOLLUSKS PRODUCTION (continued)

| LINE | 6 | | OR | 7 | | 8 | | 9 | |
|------|--|--------|----|-------------------|---|-----|-------------|--------|--------|
| | Weight of product sold Skip columns 6 and 7 if unit code in column 5 = 2 or 3 | | | | Average Number of crustaceans or mollusks per unit sold Skip this column if unit sold is number (column 5 = 1) | | Total Sales | | |
| | Number of pounds per unit sold | | | Total pounds Sold | | | | | |
| | Pounds | Tenths | | Pounds | Number | | Dollars | | |
| | | | OR | | 20 | | \$ | 50,000 | .00 |
| | | | OR | | | | \$ | 50,000 | .00 |
| | 80 | 5 | OR | | 120 | | \$ | 9,000 | .00 |
| 01 | 886 | | OR | 885 | | 887 | | 888 | \$.00 |
| 02 | 894 | | OR | 893 | | 895 | | 896 | \$.00 |
| 03 | 902 | | OR | 901 | | 903 | | 904 | \$.00 |
| 04 | 910 | | OR | 909 | | 911 | | 912 | \$.00 |
| 05 | 918 | | OR | 917 | | 919 | | 920 | \$.00 |
| 06 | 926 | | OR | 925 | | 927 | | 928 | \$.00 |
| 07 | 934 | | OR | 933 | | 935 | | 936 | \$.00 |
| 08 | 942 | | OR | 941 | | 943 | | 944 | \$.00 |
| 09 | 951 | | OR | 949 | | 952 | | 953 | \$.00 |
| 10 | 959 | | OR | 958 | | 960 | | 961 | \$.00 |
| 11 | 966 | | OR | 967 | | 968 | | 969 | \$.00 |
| 12 | 974 | | OR | 975 | | 976 | | 977 | \$.00 |

SECTION 9: ORNAMENTAL FISH

1. Did this operation **produce** any ornamental fish in 2018?

381 1 **Yes** - Continue

3 **No** - Go to Section 10, page 13

2. Report each species on a separate line. Value of sales should reflect the price received at the farm gate, excluding packaging and distribution costs. Exclude fish bought for immediate resale or fish brokered by this operation.

| 1 | | 2 | | 3 | | 4 | | 5 | |
|---|----------|-----------------------------------|--|--|--|---|--|----------------------|-----|
| Species and Code From table at the bottom of this page | | Number of units produced and sold | | Unit Sold 1 - Number of fish 2 - Pounds 3 - Boxes 4 - Bags 5 - Other, specify: 8116 <input type="text"/> | | Average number of fish per unit Skip this column if unit sold is number of fish (column 3 = 1) | | Total Sales | |
| Species produced and sold | Code | Number | | Enter code | | Number | | Dollars | |
| Example: Koi | 2 | 12,000 | | 1 | | | | \$ 24,000 .00 | |
| Example: Ornamental, Freshwater live bearers | 3 | 200 | | 3 | | 250 | | \$ 6,000 .00 | |
| | 651 | 652 | | 653 | | 654 | | 655 | |
| | | | | | | | | \$ | .00 |
| | 656 | 657 | | 658 | | 659 | | 660 | |
| | | | | | | | | \$ | .00 |
| | 661 | 662 | | 663 | | 664 | | 665 | |
| | | | | | | | | \$ | .00 |
| | 666 | 667 | | 668 | | 669 | | 670 | |
| | | | | | | | | \$ | .00 |
| | 671 | 672 | | 673 | | 674 | | 675 | |
| | | | | | | | | \$ | .00 |
| | 676 | 677 | | 678 | | 679 | | 680 | |
| | | | | | | | | \$ | .00 |
| | 681 | 682 | | 683 | | 684 | | 685 | |
| | | | | | | | | \$ | .00 |
| | 686 | 687 | | 688 | | 689 | | 690 | |
| | | | | | | | | \$ | .00 |
| | 691 | 692 | | 693 | | 694 | | 695 | |
| | | | | | | | | \$ | .00 |
| | 696 | 697 | | 698 | | 699 | | 700 | |
| | | | | | | | | \$ | .00 |
| | 701 | 702 | | 703 | | 704 | | 705 | |
| | | | | | | | | \$ | .00 |

| Name | Code | Name | Code | Name | Code |
|-----------------------------------|------|---------------------------------------|------|-----------------------------------|------|
| Goldfish | 1 | Ornamental fish - | | Other ornamentals - include | |
| Koi | 2 | Freshwater egg layers | 4 | seahorses, invertebrates, | |
| Ornamental fish - | | Ornamental fish - Saltwater | 5 | etc. - Enter name above | 6 |
| Freshwater live bearers | 3 | | | | |

SECTION 10: MISCELLANEOUS AQUACULTURE PRODUCTION

1. Did this operation **produce** any other aquaculture products in 2018?

382 1 **Yes** - Continue

3 **No** - Go to Section 11, page 14

2. Include only other aquaculture products. Include all size categories within each species. Value of sales should reflect the price received at the farm gate, excluding packaging and distribution costs. If this operation has its own processing plant, the reported sales should be the value going into the plant.

PLEASE COMPLETE ALL COLUMNS

| Species Produced and Sold | Total Number Sold | | Total Pounds Sold | | Total Sales (Dollars) | |
|---|-------------------|--|-------------------|--|-----------------------|--------|
| | | | | | | |
| Algae: Microalgae | | | | | 470 | \$.00 |
| Sea Vegetables (seaweed, ogo) | | | 471 | | 472 | \$.00 |
| Alligators: Whole | 743 | | 744 | | 745 | \$.00 |
| Meat | | | 747 | | 748 | \$.00 |
| Hides (report in feet) | 749 | | | | 751 | \$.00 |
| Caviar | | | 753 | | 754 | \$.00 |
| Eels | 755 | | 756 | | 757 | \$.00 |
| Frogs | 758 | | 759 | | 761 | \$.00 |
| Sea Urchins | 762 | | 763 | | 764 | \$.00 |
| Snails | 765 | | 766 | | 767 | \$.00 |
| Tadpoles | 768 | | 769 | | 770 | \$.00 |
| Turtles: Whole | 771 | | 774 | | 772 | \$.00 |
| Eggs | 773 | | | | 775 | \$.00 |
| Live rock: 8085 specify unit | 776 | | 777 | | 778 | \$.00 |
| Other, specify: 8086 | 779 | | 780 | | 781 | \$.00 |
| Other, specify: 8087 | 782 | | 783 | | 784 | \$.00 |
| Other, specify: 8088 | 085 | | 786 | | 787 | \$.00 |
| Other, specify: 8089 | 791 | | 792 | | 793 | \$.00 |
| Other, specify: 8090 | 794 | | 795 | | 796 | \$.00 |
| Other, specify: 8091 | 797 | | 798 | | 799 | \$.00 |

SECTION 11: SALES OUTLET BY SPECIES (Exclude catfish and trout)

1. In 2018, what percent of this operation's total value of aquaculture sales was sold directly to the following outlets for each species category? Exclude fish bought for immediate resale or fish brokered by this operation.

| Point of first sale outlet | Food fish Exclude Catfish and Trout | | Sport or Game fish | | Baitfish | | Ornamental Fish | | Crustaceans | | Mollusks | | Other Aquaculture | |
|--|---|---|-----------------------|---|-------------|---|--------------------|---|-------------|---|-------------|---|----------------------|---|
| Processors (include aquaculture products processed on the operation) . . . | 801 | | 831 | | | | | | 861 | | 851 | | 871 | |
| | | % | | % | | % | | % | | % | | % | | % |
| Live haulers/brokers | 804 | | 834 | | 814 | | 824 | | 864 | | 854 | | 874 | |
| | | % | | % | | % | | % | | % | | % | | % |
| Retail outlets (restaurants, grocery stores, etc.) | 802 | | 832 | | 812 | | 822 | | 862 | | 852 | | 872 | |
| | | % | | % | | % | | % | | % | | % | | % |
| Direct to consumers (farmers market, on-farm fee fishing) | 803 | | 833 | | 813 | | 823 | | 863 | | 853 | | 873 | |
| | | % | | % | | % | | % | | % | | % | | % |
| Recreational stocking (private lakes and ponds) | 805 | | 835 | | 815 | | 825 | | 865 | | 855 | | 875 | |
| | | % | | % | | % | | % | | % | | % | | % |
| Wholesale to other producers (to stock commercial and fee fishing operations) | 806 | | 836 | | 816 | | 826 | | 866 | | 856 | | 876 | |
| | | % | | % | | % | | % | | % | | % | | % |
| Government agencies | 807 | | 837 | | 817 | | 827 | | 867 | | 857 | | 877 | |
| | | % | | % | | % | | % | | % | | % | | % |
| Exports | 809 | | 839 | | 819 | | 829 | | 869 | | 859 | | 879 | |
| | | % | | % | | % | | % | | % | | % | | % |
| 8092 Other, specify: <input type="text"/> | 808 | | 838 | | 818 | | 828 | | 868 | | 858 | | 878 | |
| | | % | | % | | % | | % | | % | | % | | % |
| Total | 100% | | 100% | | 100% | | 100% | | 100% | | 100% | | 100% | |

SECTION 12: AQUACULTURE DISTRIBUTED (not sold)

1. Did this operation **only distribute** aquaculture products for restoration, conservation, enhancement, or recreational purposes during 2018? Exclude aquaculture reported in previous sections.

383 1 **Yes** - Continue

3 **No** - Go to Section 13, page 16

2. What were the total amounts produced and distributed by this operation, by species category, in 2018?

Include all size categories within each species. For fish, crustaceans or mollusks distributed, report both number and pounds. For eggs or seed, report only the number distributed. Write in species not listed.

| Species | Number distributed | | Pounds distributed | | Number of eggs or seed stock distributed | | Estimated Total Value of Product Distributed | |
|---|--------------------|--|--------------------|--|--|--|--|--------|
| | | | | | | | | |
| Bass, striped | 509 | | 510 | | 511 | | | |
| Bass, large mouth | 551 | | 552 | | 553 | | | |
| Catfish | 501 | | 502 | | 503 | | | |
| Fathead minnows. | 554 | | 555 | | 556 | | | |
| Northern pike. | 557 | | 558 | | 559 | | | |
| Perch. | 560 | | 561 | | 562 | | | |
| Salmon | 505 | | 506 | | 507 | | | |
| Shad. | 563 | | 564 | | 565 | | | |
| Sunfish ¹ | 566 | | 567 | | 568 | | | |
| Trout - 12 inches or longer . . . | 201 | | 202 | | | | 203 | \$.00 |
| Trout - 6 to less than 12 inches long | 204 | | 205 | | | | 206 | \$.00 |
| Trout - 1 to less than 6 inches long | 207 | | 208 | | | | 209 | \$.00 |
| Trout Eggs. | | | | | 210 | | | |
| Walleye. | 517 | | 518 | | 519 | | | |
| Clams | 525 | | 526 | | 527 | | | |
| Mussels | 529 | | 530 | | 531 | | | |
| Oysters | 533 | | 534 | | 535 | | | |
| Alligators. | 572 | | 573 | | 574 | | | |
| Crawfish | 575 | | 576 | | 577 | | | |
| Turtles. | 578 | | 579 | | 580 | | | |
| ⁸⁰⁹³ Other, specify: | 537 | | 538 | | 539 | | | |
| ⁸⁰⁹⁴ Other, specify: | 541 | | 542 | | 543 | | | |
| ⁸⁰⁹⁵ Other, specify: | 544 | | 545 | | 546 | | | |

¹Sunfish includes bluegill, coppernose, bream, redear/shellcrackers, etc.

| | |
|------------------------|-----|
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|------------------------|-----|

SECTION 13: OPERATION

1. Did this operation grow and sell aquatic plants in 2018?

384 1 **Yes**

3 **No**

2. In the future, does this operation intend to produce aquaculture products?

386 1 **Yes**

3 **No**

3. It is important that we do not duplicate data. Is it possible the information on this form would be reported by another operation or under another name?

387 1 **Yes - List name here:** 8096 8097 - - Area Code and Phone Number:

3 **No - Continue**

4. Do you make any day-to-day decisions for another aquaculture operation?

388 1 **Yes - List name here:** 8098 8099 - - Area Code and Phone Number:

3 **No - Continue**

5. Has this operation (name on address label) been sold or turned over to someone else?

389 1 **Yes - List name here:** 8100 8101 - - Area Code and Phone Number:

3 **No - Continue**

SECTION 14: CONCLUSION

COMMENTS:

1091

Respondent Name:

1092

Area Code and Phone Number:

9911 - -

Date: (MM-DD-YY)

9910

This completes the questionnaire. **Thank you for your cooperation.**
The complete report will be available on the Internet at <http://www.nass.usda.gov> in fall of 2019.

OFFICE USE ONLY

| Response | Respondent | Mode | R Unit | Enum. | Eval. | Change | Office Use for POID | | | | |
|---|---|---|--------|-------|-------|--------|---------------------|-----|------|------|--|
| 1-Comp 2-R 3-Inac 4-Office Hold 5-R-Est 6-Inac-Est 7-Off Hold-Est 8-Known Zero | 9901 1-Op/Mgr 2-Sp 3-Acct/Bkpr 4-Partner 9-Oth | 9902 1-Mail 2-Tel 3-Face-to-Face 4-CATI 5-Web 6-e-mail 7-Fax 8-CAPI 19-Other | 9903 | 921 | 098 | 100 | 785 | 789 | | | |
| | | | | | | | Optional Use | | | | |
| | | | | | | | 407 | 408 | 9906 | 9916 | |

S / E Name