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2013 CENSUS OF AQUACULTURE

AQ-2013
(06/24/2013) Draft 1



**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.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0535-0237. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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www.agcounts.usda.gov

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

SECTION 1: AQUACULTURE PRODUCTION SCREENING

1. In **2013**, did this operation or the individual(s) listed on the address label **produce** any fish, mollusks, crustaceans, or other aquaculture products?

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:

- Aquaculture products you purchased from other growers for immediate resale or distribution.
- Wild-caught products.
- Aquatic plants.

377 1 **Yes** - Go to Section 2, page 2

3 **No** - Go to Section 14, page 16



SECTION 2: SIZE OF OPERATION

1. In **2013**, did this operation **produce and sell** any aquaculture products?

370 1 **Yes** - Go to Item 2 below

3 **No** - Continue

a. In **2013**, did this operation **produce and distribute** (wild release in lakes, rivers, etc.) any aquaculture products for restoration, conservation, or recreational purposes?

371 1 **Yes** - Go to Section 13, page 15

3 **No** - Go to Section 14, page 16

2. How many freshwater and saltwater surface acres were used to produce fish, mollusks, crustaceans, or other aquaculture products (exclude aquatic plants) in 2013? . . . 120

Freshwater Acres	
Acres	Tenths

Saltwater Acres	
Acres	Tenths

3. How many of these water surface acres were rented or leased from others? 124

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SECTION 3: SOURCES OF WATER

1. Which of the following sources of water did you use for your aquaculture production in **2013**? 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** - 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 5: CATFISH PRODUCTION (continued)

7. During 2013, what were your **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 you have your 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	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	627		628
			\$.00

8. In 2013, what percent of the total value of catfish sales reported in Item 7 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 style="width: 200px;" type="text"/> . . .	644	%	645	%

Total **100%** **100%**

270	760	650
Office Use Only Acres	Office Use Only Inventory	Office Use Only Sales

SECTION 6: TROUT PRODUCTION

1. Did this operation **produce and sell** any trout or trout eggs in 2013? (Trout produced and not sold but **distributed** for restoration, conservation or recreation purposes are asked in Section 13 on page 15).

375 1 **Yes** - continue

3 **No** - Go to Section 7, page 8

2. What were the total trout sales of fish and eggs produced or raised (grown-out) on this operation during 2013, for the size categories below? Value of sales should reflect the price received at the farm gate, excluding packaging and distribution costs. If you have your 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 13**.

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	028		029
			\$.00

** Live weight price – exclude cleaning charges.

3. In 2013, what percent of the total trout value of sales reported in Item 2 was sold directly to each of the outlets listed below? **Exclude** fish bought for immediate resale or fish you brokered.

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: _____	041	%	042	%
Total	100%		100%	

SECTION 6: TROUT PRODUCTION (continued)

4. What were the total **number** and **live weight pounds** of trout lost during 2013 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"/> . .	055		056	

707	Office Use Only

Trout distributed reported in Section 13, page 15

SECTION 7: FOOD AND/OR SPORT FISH

1. Other than catfish or trout, did this operation **produce and sell** any food fish or sport fish, including carp used as biological control agents, in 2013?

378 1 **Yes** - Continue

3 **No** - Go to Section 8, 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 you have your 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 11.

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		12000	18000	\$ 45000 .00
Example: Sunfish	24	3		450000	9000	\$ 70000 .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

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



SECTION 8: BAITFISH

1. Did this operation **produce and sell** any baitfish, including crawfish sold for bait, in 2013? Report crawfish for food in Section 9.

³⁷⁹ 1 **Yes** - Continue

3 **No** - Go to Section 9, page 10

Acres	Tenths

2. How many surface **acres of water** were used to produce baitfish in 2013? 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 9)	442		441	OR	443	444	\$.00
Other - 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		1500		\$ 6000 .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 (report crawfish for food in Section 9) (sacks)	445		446			447		448	\$.00
Other - specify:	453		454			455		456	\$.00

SECTION 9: CRUSTACEANS AND MOLLUSKS (Includes clams, crawfish, oysters, shrimp, softshell crabs, etc.)

1. Did this operation **produce and sell** any crustaceans or mollusks in 2013?

380 1 **Yes** - Continue

3 **No** - Go to Section 9, page 10

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 you have your own processing plant, the reported sales should be the value going into the plant. Report crawfish for bait in Section 8.

LINE	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 columns 4, 5, 9 5 - Other - specify: <input type="text"/>		Number of Units Sold		Unit Sold 1 - Number 2 - Pound 3 - Dozen 4 - Bushel 5 - Sack/bag 6 - Gallon 7 - Barrel 8 - Other - specify: <input type="text"/>			
	Species produced and sold	Code	Enter Code		Number		Enter Code			
	Example: Crawfish	7	1		1000		2			
	Example: Pacific oyster seed	13	4		8000000		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		921	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			

Code	Name
1	Abalone
2	Clams, hard
3	Clams, Manila
4	Clams, Geoduck
5	Clams, all other soft-shell
6	Crabs, soft-shell
7	Crawfish for food - report crawfish for bait in Section 9
8	Lobster

Code	Name
9	Mussels
10	Prawns, fresh water
11	Shrimp, salt water
12	Oysters, Eastern
13	Oysters, Pacific
14	Oysters, other. Enter name in first column
15	Other crustaceans. Enter name in first column
16	Other mollusks. Enter name in first column



SECTION 9: CRUSTACEANS AND MOLLUSKS (continued)

LINE	6			7		8		9	
	Weight of product sold Skip columns 6 and 7 if unit code in column 5 is = 2					Average Number of crustaceans or mollusks per unit sold		Total Sales	
	Number of pounds per unit sold		OR	Total pounds Sold		Skip this column if unit sold is number (column 5 = 1)			
	Pounds	Tenths		Pounds		Number	Dollars		
			OR			20	\$	5000	.00
			OR				\$	50000	.00
	80	5	OR			120	\$	9000	.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 10: ORNAMENTAL FISH

1. Did this operation **produce and sell** any ornamental fish in 2013?

381 1 **Yes** - Continue

3 **No** - Go to Section 11, 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 - Pound 3 - Boxes 4 - Bags 8 - Other - specify: <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	12000	1		\$ 24000 .00
Example: Ornamental, Freshwater live bearers	3	200	3	250	\$ 6000 .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

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

SECTION 11: MISCELLANEOUS AQUACULTURE

1. Did this operation **produce and sell** any other aquaculture products in 2013?

382 1 **Yes** - Continue

3 **No** - Go to Section 12, page 14

2. **Include** only other aquaculture products. Value of sales should reflect the price received at the farm gate, excluding packaging and distribution costs. If you have your 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				772	\$.00
Eggs	773				775	\$.00
Live rock: specify unit	776		777		778	\$.00
Other - specify:	779		780		781	\$.00
Other - specify:	782		783		784	\$.00
Other - specify:	785		786		787	\$.00
Other - specify:	791		792		793	\$.00
Other - specify:	794		795		796	\$.00
Other - specify:	797		798		799	\$.00

SECTION 12: SALES OUTLET BY SPECIES (Exclude catfish and trout)

1. In 2013, what percent of your total value of aquaculture sales was sold directly to the following outlets for each species category? **Exclude** fish bought for immediate resale or fish you brokered.

Point of first sale outlet	Food fish Exclude Catfish and Trout		Sport or Game fish		Baitfish	Ornamental Fish	Crustaceans	Mollusks	Other Aquaculture	
Processors (also include fish 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
		%		%		%		%	%	%
Other - <input type="text"/> specify: <input type="text"/>	808		838		818	828	868		858	878
		%		%		%		%	%	%
Total	100%		100%		100%	100%	100%		100%	100%

SECTION 13: AQUACULTURE PRODUCED AND DISTRIBUTED (not sold) FOR RESTORATION, CONSERVATION OR RECREATIONAL PURPOSES

1. Did you **produce and distribute** aquaculture products for restoration, conservation or recreational purposes from this operation during 2013? **Exclude** aquaculture reported in previous sections.

383 1 **Yes** - Continue

3 **No** - Go to Section 14, page 16

2. What were the total amounts produced and distributed by this operation, by species category, in 2013?

Instructions: 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			
Other - specify:	537	538	537			
Other - specify:	541	542	543			
Other - specify:	544	545	546			

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

Office Use Only 200

SECTION 14: OPERATION

1. Did this operation grow and sell aquatic plants in 2013?

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: Phone:

3 **No** - Continue

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

388 1 **Yes** - List name here: Phone:

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: Phone:

3 **No** - Continue

SECTION 15: CONCLUSION

COMMENTS:

Respondent Name: Phone: Date: MM/DD/YY

This completes the questionnaire. **Thank you for your cooperation.**

The complete report will be available on the Internet at <http://www.usda.gov/nass/> in fall of 2014.

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	9903 1-Mail 2-Tel 3-Face-to-Face 4-CATI 5-Web 6-e-mail 7-Fax 8-CAPI 19-Other	921	098	100	785	789			
							Optional Use			
							407	408	9906	9916

S / E Name