

Catfish Production



National
Agricultural
Statistics
Service
Fact Finding
for Agriculture

United States
Department of
Agriculture

Agricultural
Statistics
Board

Washington, D.C.

RELEASED: FEBRUARY 6, 1989
3:00 P.M. ET

RESULTS OF CATFISH GROWERS SURVEY

Catfish growers in 17 selected States had sales of 285 million dollars during 1988. Value of sales from hatchery operations totaled 19.5 million dollars while the value of sales from production units totaled 265 million dollars. Total sales for 1987, were 243 million for the same 17 states.

Hatchery operations had 1.35 million broodfish, 85.0 million stockers and 365 million fingerlings on hand January 1. Production operations had 3.77 million large fish (over 3 pounds); 147 million foodsize fish (3/4 pound to 3 pounds); 261 million stockers and 516 million fingerlings.

The average weights per fish held by hatcheries were: broodfish 4.54 pounds; stockers .379 pounds; and fingerlings 3.1 pounds per 1000 fish. The average weights per fish held by production operations were: large fish 3.51 pounds; foodsize 1.23 pounds; stockers .367 pounds; and fingerlings 31.6 pounds per 1000 fish.

Producing units had 36.5 million pounds of foodsize fish in their inventory being held for "off flavor." 33.8 million pounds of this was in Mississippi, 1.1 million in Arkansas, .7 million in Alabama, and 1.0 million in Louisiana.

* NOTICE *
* *
* Requests for a subscription order form covering all available reports *
* should be directed to Agricultural Statistics Board Publications, Room *
* 5829-South Building, USDA, Washington, D.C. 20250. (202) 447-4021. *
* *
* This report and other statistical, economic, marketing and news reports *
* are available electronically as soon as possible following release *
* through USDA's EDI SERVICE. For more information, call or write: *
* Russell Forte, (202) 447-5505, OGPA, USDA, Washington, D.C. 20250. *
* *
* The next issue of this report will be published March 21, 1989. *

Sales Outlets for Producing Units

Sales of foodsize fish was dominated by sales to processors with 89 percent. Live-haul amounted to 4 percent; retail, restaurant and food stores, fee and recreation, and direct sales to consumers each received 2 percent of the sales. Sales to other producers accounted for 1 percent while all other outlets together had less than 1 percent.

Sales of stocker fish by production units were: live haulers 34 percent; other producers, 30 percent; other uses, 16 percent; fee and recreational use, 12 percent; and government, 8 percent.

Losses of Fish

The 1,922 producers in these 17 states reported losses of 100 million fish in 1988. Causes of these losses were: disease 39 percent; oxygen depletion, 18 percent; winterkill 12 percent; flood, 9 percent; all other causes were 22 percent.

Survey Procedures and Reliability

Over 1900 growers reported catfish in 17 selected states. A list of all commercial catfish operations was created in each of these states. Each operation on the list was contacted. The questionnaire obtained information on type of operation (hatchery, production, or both), January 1, 1989 inventory numbers and weights by class, sales for 1988 and losses by cause.

Information was collected by mail, telephone interviews and by follow-up personal interviews. Response rates were very good with inaccessible and non-response below 2 percent.

CATFISH: NUMBER OF OPERATIONS, WATER SURFACE AND TOTAL SALES

STATE	OPERATIONS		WATER SURFACE		TOTAL SALES-ALL SIZES	
	JULY 1	JAN. 1	JULY 1	JAN. 1	DURING	DURING
	1988	1989	1988	1989	1987	1988
	NUMBER		ACRES		1,000 DOLLARS	
ALA	352	352	12,490	13,466	14,224	19,354
ARK	194	176	15,000	16,000	19,521	22,350
CALIF	91	80	2,836	3,112	5,774	7,110
FLA	70	66	820	845	1,575	1,439
ILL	20	24	452	500	506	203
KANS	31	34	473	470	754	1,308
KY	70	60	600	400	1,609	1,395
LA	116	150	5,720	8,000	5,752	10,185
MISS	356	345	83,000	88,000	178,474	210,505
MO	200	200	2,500	2,700	1,239	1,926
N.C.	36	70	463	581	274	377
OKLA	151	100	1,428	1,400	6,155	4,385
S.C.	11	12	165	100	53	40
TENN	35	37	384	367	1,159	636
TEX	173	148	1,936	1,656	3,313	1,401
OTH 1/	81	68	1,903	1,802	2,355	2,163
TOTAL	1,987	1,922	130,170	139,399	242,737	284,777

1/ INCLUDES GA AND IDA.

CATFISH: ACRES OF PONDS OUT OF PRODUCTION; NEW POND CONSTRUCTION
JAN 1, 1989

STATE	OUT OF PRODUCTION		NEW POND CONSTRUCTION	
	TOTAL	BEING	TOTAL	STARTED
	ACRES	RENOVATED	ACRES	SINCE OCT 1
ALA	1010	236	468	226
ARK	800	340	430	160
CALIF	289	216	3/	3/
FLA	81	29	184	23
KANS	138	55	8	5
KY	200	120	40	2
LA	660	2/	1780	800
MISS	1900	700	1800	500
MO	200	100	500	10
OKLA	300	190	100	20
S.C.	165	10	600	575
TENN	95	17	10	9
TEX	215	94	51	37
OTH 1/	750	78	411	317
TOTAL	6803	2185	6382	2684

1/ OTHER STATES INCLUDE GA, IDA, ILL, AND N.C.

2/ LA INCLUDED IN OTHER STATES FOR BEING RENOVATED.

3/ CALIF INCLUDED IN OTHER STATES FOR NEW POND CONSTRUCTION.

CATFISH: HATCHERY OPERATIONS, INVENTORY NUMBERS & LIVWEIGHT, JANUARY 1, 1989

STATE	OPERATIONS	NUMBER OF FISH				LIVWEIGHT OF FISH		
		BROOD- FISH	STOCK- ERS	FINGERLING		BROOD- FISH	STOCK- ERS	FINGERLING
		THOUSANDS				THOUSAND POUNDS		
ALA	65	227	3,067	32,100	1,196	1,419	349	
ARK	66	132	8,442	48,885	553	3,299	1,375	
CALIF	42	20	2,561	6,711	105	564	197	
FLA	16	12	104	2,670	56	52	72	
KANS	9	15	113	572	48	33	33	
KY	7	2	23	282	9	15	12	
LA	40	160	1,480	33,600	655	600	1,680	
MISS	109	648	65,380	222,068	2,856	24,753	7,111	
MO	35	32	1,405	11,415	141	497	320	
N C	11	14	170	266	59	50	6	
OKLA	21	25	940	1,290	120	500	30	
TEX	59	22	204	1,622	132	86	33	
OTH 1/	41	38	1,123	3,930	181	393	64	
TOTAL	521	1,347	85,012	365,411	6,111	32,261	11,282	

1/ GA, IDA, ILL, S C, AND TENN COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

CATFISH: HATCHERY SALES, NUMBER, WEIGHT, VALUE STOCKERS, 1988

STATE	NUMBER HEAD	WEIGHT POUNDS	VALUE DOLLARS	AVERAGE PER FISH	
				WEIGHT	VALUE
		THOUSANDS		POUNDS	DOLLARS
ALA	3,661	831	644	0.227	0.176
ARK	5,390	2,557	634	0.474	0.118
LA	630	320	210	0.508	0.333
MISS	8,292	728	995	0.088	0.120
MO	885	123	296	0.139	0.334
OKLA	290	160	100	0.552	0.345
TEX	75	22	32	0.293	0.427
OTH 1/	5,186	594	510	0.115	0.098
TOTAL	24,409	5,335	3,421	0.219	0.140

1/ GA, CALIF, FLA, IDA, ILL, KAN, KY, N C, S C, AND TENN COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

CATFISH: HATCHERY SALES, NUMBER, WEIGHT, VALUE FRY-FINGERLINGS, 1988

STATE	NUMBER HEAD	WEIGHT POUNDS	VALUE DOLLARS	AVERAGE PER FISH	
				WEIGHT	VALUE
		THOUSANDS		POUNDS	DOLLARS
ALA	40,527	639	1,155	0.016	0.028
ARK	50,944	1,360	2,134	0.027	0.042
CALIF	1,555	22	114	0.014	0.073
FLA	2,735	58	253	0.021	0.093
MISS	313,061	5,660	8,734	0.018	0.028
MO	16,381	323	538	0.020	0.033
OKLA	4,000	100	151	0.025	0.038
OTH 1/	21,334	674	2,789	0.032	0.131
TOTAL	450,537	8,836	15,868	0.020	0.035

1/ GA, IDA, ILL, KAN, KY, LA, N C, S C, TENN, AND TEX COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

CATFISH: PRODUCTION OPERATIONS, INVENTORY NUMBERS, JANUARY 1, 1989

STATE	OPERATIONS	NUMBER OF FISH			
		LARGE FISH	FOOD SIZE	STOCKERS	FINGERLING
	NUMBER	THOUSANDS			
ALA	244	122	12,195	8,312	25,726
ARK	158	177	12,712	29,955	49,028
CALIF	42	45	1,424	2,626	16,286
FLA	58	95	226	814	2,792
GA	56	43	638	290	2,897
ILL	15	83	146	3/	3/
KANS	23	11	90	222	580
KY	29	58	327	280	194
LA	125	245	8,510	15,250	114,650
MISS	330	2708	107,259	196,671	291,606
MO	185	48	1,381	1,985	2,331
N C	34	31	382	474	2,529
TENN	25	2/	113	177	420
TEX	115	45	723	2,173	2,712
OTH 1/	74	55	970	1,968	3,787
TOTAL	1513	3766	147,096	261,137	515,538

1/ IDA, OKLA, AND S C COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

2/ TENN INCLUDED IN OTHER STATES FOR LARGE FISH.

3/ ILL INCLUDED IN OTHER STATES FOR STOCKERS AND FINGERLINGS.

CATFISH: PRODUCTION OPERATIONS, INVENTORY NUMBERS, JANUARY 1, 1989

STATE	LIVWEIGHT OF FISH			
	LARGE FISH	FOOD SIZE	STOCKERS	FINGERLING
THOUSANDS				
ALA	457	13,157	3,659	744
ARK	713	18,711	8,409	1,453
CALIF	168	1,376	732	70
FLA	358	388	297	99
GA	185	899	84	40
ILL	342	216	2/	2/
KANS	51	107	89	19
KY	328	580	144	6
LA	870	10,650	3,660	4,950
MISS	8,934	129,369	75,616	8,536
MO	178	2,044	660	74
N C	180	555	195	102
TENN	15	144	76	3
TEX	229	1,605	1,076	65
OTH 1/	192	1,204	1,023	118
TOTAL	13,200	181,005	95,720	16,279

1/ IDA, OKLA, AND S C COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

2/ ILL INCLUDED IN OTHER STATES FOR STOCKERS AND FINGERLINGS.

CATFISH: PRODUCTION SALES, LARGE FISH, NUMBER, WEIGHT, VALUE, 1988

STATE	NUMBER	WEIGHT	VALUE	AVERAGE	
				WEIGHT	\$ PER POUND
THOUSANDS					
ALA	243	896	653	3.69	0.73
ARK	178	690	520	3.88	0.75
CALIF	55	199	267	3.62	1.34
FLA	40	157	173	3.93	1.10
KANS	32	134	137	4.19	1.02
KY	75	387	417	5.16	1.08
LA	155	525	500	3.39	0.95
MISS	2,577	8,781	6,789	3.41	0.77
N.C.	33	133	107	4.03	0.80
OKLA	40	145	200	3.63	1.38
TEX	49	245	166	5.00	0.68
OTHER1/	91	321	423	3.53	1.32
TOTAL	3,568	12,613	10,352	3.54	0.82

1/ GA, IDA, ILL, MO, S.C. AND TENN COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

CATFISH: PRODUCTION SALES, FOOD SIZE FISH NUMBER, WEIGHT, VALUE, 1988

STATE	NUMBER	WEIGHT	VALUE	AVERAGE	
				WEIGHT	\$ PER POUND
	THOUSANDS				
ALA	21,396	24,276	16,636	1.13	0.69
ARK	16,077	24,895	18,534	1.55	0.74
CALIF	2,594	3,423	5,501	1.32	1.61
FLA	473	730	847	1.54	1.16
GA	505	569	584	1.13	1.03
ILL	75	108	117	1.44	1.08
KANS	193	294	364	1.52	1.24
KY	310	681	919	2.20	1.35
LA	8,910	12,530	8,900	1.41	0.71
MISS	197,664	254,104	193,123	1.29	0.76
MO	817	1,122	889	1.37	0.79
N.C.	178	255	221	1.43	0.87
OKLA	960	1,180	1,000	1.23	0.85
TEX	298	701	768	2.35	1.10
OTHER1/	483	861	1,039	1.78	1.21
TOTAL	250,933	325,729	249,442	1.30	0.77

1/ IDA, S.C. AND TENN COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

CATFISH: PRODUCTION SALES, STOCKERS, NUMBER, WEIGHT, VALUE, 1989

STATE	NUMBER	WEIGHT	VALUE	AVERAGE	
				WEIGHT	\$ PER FISH
	THOUSANDS				
ALA	1,214	640	249	0.527	0.205
ARK	1,857	571	499	0.307	0.269
CALIF	1,614	805	1,144	0.499	0.709
GA	1,233	243	93	0.197	0.075
KANS	364	142	132	0.390	0.363
KY	110	76	36	0.691	0.327
LA	475	255	195	0.537	0.411
MISS	2,283	904	833	0.396	0.365
MO	772	97	131	0.126	0.170
N.C.	49	35	24	0.714	0.490
OKLA	3310	2210	1560	0.668	0.471
TEX	402	204	362	0.507	0.900
OTHER	628	205	192	0.326	0.306
TOTAL	14,311	6,387	5,450	0.446	0.381

1/ FLA, IDA, ILL, S.C. AND TENN COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

CATFISH: TOTAL NUMBER LOST AND PERCENT BY CAUSE, 1989

STATE	: TOTAL :		: WINTER :		: DIS-: OXYGEN :		: CHEM-: :		: PRED-: :		
	NO.	LBS.	KILL:	FLOOD:	EASE:	DEPLEA:	THEFT:	ICALS:	BIRDS:	ATORS:	OTHER
	LOST	LOST	:	:	:	-TION:	:	:	:	:	:
(000)			PERCENT								
ALA	8,367	2,959	1	0	49	22	0	11	1	1	15
ARK	8,761	1,672	2	32	43	14	1	0	6	0	2
CALIF	1,173	733	0	0	12	30	1	1	35	0	21
FLA	1,680	101	0	0	55	6	1	15	2	1	20
GA	3,663	2	0	0	17	10	0	0	11	1	61
IDAHO	539	178	0	0	96	1	0	0	0	0	3
ILL	406	44	0	0	1	20	0	1	1	0	77
KANS	26	35	0	0	3	77	2	0	1	0	17
KY	61	75	1	0	11	59	0	0	0	0	29
LA	4,165	790	5	3	68	6	1	0	4	2	11
MISS	68,770	27,508	20	0	40	21	1	0	12	6	0
MO	1,015	231	41	0	23	8	1	21	1	1	4
N.C.	124	45	0	0	57	35	0	1	2	0	5
OKLA	660	175	1	0	8	12	1	1	17	29	31
S.C.	63	4	0	0	72	20	0	0	8	0	0
TENN	121	17	0	10	67	17	0	1	0	0	5
TEX	512	399	1	0	11	25	1	1	18	2	41
TOTAL	100,106	34,968	12	9	39	18	2	2	5	4	9

1/ ACCOUNTS FOR LESS THAN 1 PERCENT.

CATFISH: FOOD SIZE PERCENT SOLD BY OUTLET TYPE, 1989

STATE :	LIVE-: FEE/REC:	OTHER:	GOVT.:	DIRECT :	PROCESS:	RETAIL :	OTHER
:	HAUL :	FISHING:	PROD-:	TO :	FD.STORE:	REST. &:	OUTLETS
:	:	ERS :	:	CONSUM :	:	:	:
ALA :	3	2	0	0	2	92	1
ARK :	17	3	1	0	5	72	2
CALIF :	10	23	3	1	1	0	62
FLA :	0	18	1	0	31	19	8
GA :	6	56	5	0	8	21	4
IDAHO :	0	0	0	0	0	15	0
ILL :	30	45	1	0	5	19	0
KANS :	3	32	10	8	39	0	8
KY :	0	19	22	0	56	0	3
LA :	13	4	10	0	1	71	1
MISS :	2	0	0	0	1	97	0
MO :	24	7	1	0	16	51	1
N.C. :	1	5	0	0	24	68	2
OKLA :	1	18	1	0	7	34	38
S.C. :	4	22	28	2	35	8	1
TENN :	2	58	3	0	10	23	4
TEX :	38	6	1	1	43	1	9
TOTAL :	4	2	1	1/	2	89	2

1/ ACCOUNTS FOR LESS THAN 1 PERCENT.

CATFISH: STOCKERS PERCENT SOLD BY OUTLET TYPE, 1989

STATE :	LIVE	RECREATIONAL:	OTHER	GOVERNMENT :	OTHER
:	HAULERS	AND FEE	PRODUCERS	:	OUTLETS
:	:	FISHING :	:	:	:
ALA :	0	0	14	2	84
ARK :	44	13	43	0	0
CALIF :	74	0	2	22	2
FLA :	0	1	3	0	96
GA :	0	1	0	0	99
IDAHO :	0	0	0	0	0
ILL :	0	71	29	0	0
KANS :	0	21	56	21	2
KY :	0	1	95	0	4
LA :	0	7	93	0	0
MISS :	26	0	74	0	0
MO :	5	6	88	1	0
N.C. :	0	0	100	0	0
OKLA :	1	56	27	14	2
S.C. :	0	0	0	0	0
TENN :	0	0	100	0	0
TEX :	34	55	11	1	0
TOTAL :	34	12	30	8	16

CATFISH: PRODUCER PURCHASES OF FEED AND FISH, SELECTED STATES 1988

STATE :	TONNAGE OF FEED PURCHASED :	TOTAL COST OF FEED PURCHASED :	NUMBER OF FISH PURCHASED :	TOTAL COST OF FISH PURCHASED :
:	TONS	THOUSAND DOLLARS	THOUSAND	THOUSAND DOLLARS
ALA :	25,300	7,697	22,600	1,434
ARK :	22,150	6,420	21,816	1,025
CALIF :	3,500	1,257	5,619	392
FLA :	2,200	762	1,758	120
GA :	1,550	529	8,018	664
IDA :	6,750	2,230	2,550	255
ILL :	500	166	2,095	189
KANS :	400	139	440	39
LA :	23,500	8,265	14,240	1,130
MISS :	281,650	80,120	164,275	7,699
MO :	1,700	522	3,610	286
N.C. :	600	185	1,815	127
OKLA :	1,350	449	3,980	260
TEX :	950	327	5,903	885
OTH 1/ :	750	233	757	240
TOTAL :	372,850	109,301	259,476	14,745

1/ KY, S C, AND TENN INCLUDED IN OTHER STATES.

CATFISH: ROUND WEIGHT PROCESSED, 1985-CURRENT

YEAR :	JAN	FEB	MAR	APR	MAY	JUN
:	THOUSANDS POUNDS					
:						
1985 :	13,429	17,166	18,290	16,474	17,432	15,897
1986 :	19,761	19,083	18,664	16,354	16,013	15,951
1987 :	20,988	22,163	27,583	26,781	21,623	19,581
1988 :	26,018	27,786	28,179	20,805	20,351	22,839

CATFISH: ROUND WEIGHT PROCESSED, 1985-CURRENT CONT'.

YEAR :	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
:	THOUSANDS POUNDS						
:							
1985 :	14,311	17,130	16,638	16,861	14,625	13,363	191,616
1986 :	17,036	18,663	18,859	20,453	17,107	15,812	213,756
1987 :	21,638	24,403	26,577	27,920	20,684	20,555	280,496
1988 :	23,687	26,941	24,611	26,221	25,037	22,634	295,109

CATFISH: AVERAGE PRICE PAID TO PRODUCERS FOR LIVE FISH,
1985-CURRENT

YEAR :	JAN	FEB	MAR	APR	AY	JUN
:	THOUSANDS POUNDS					
:						
1985 :	67	69	73	78	77	77
1986 :	70	70	72	74	72	68
1987 :	60	57	59	65	69	64
1988 :	68	72	75	75	75	78

CATFISH: AVERAGE PRICE PAID TO PRODUCERS FOR LIVE FISH,
1985-CURRENT CONT.'

YEAR :	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
:	THOUSANDS POUNDS						
:							
1985 :	76	72	71	70	70	70	72.6
1986 :	66	63	63	62	61	61	66.8
1987 :	61	60	60	61	62	64	61.7
1988 :	80	80	79	79	78	78	76.4

