

Trout Production



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United States
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Washington, D.C.

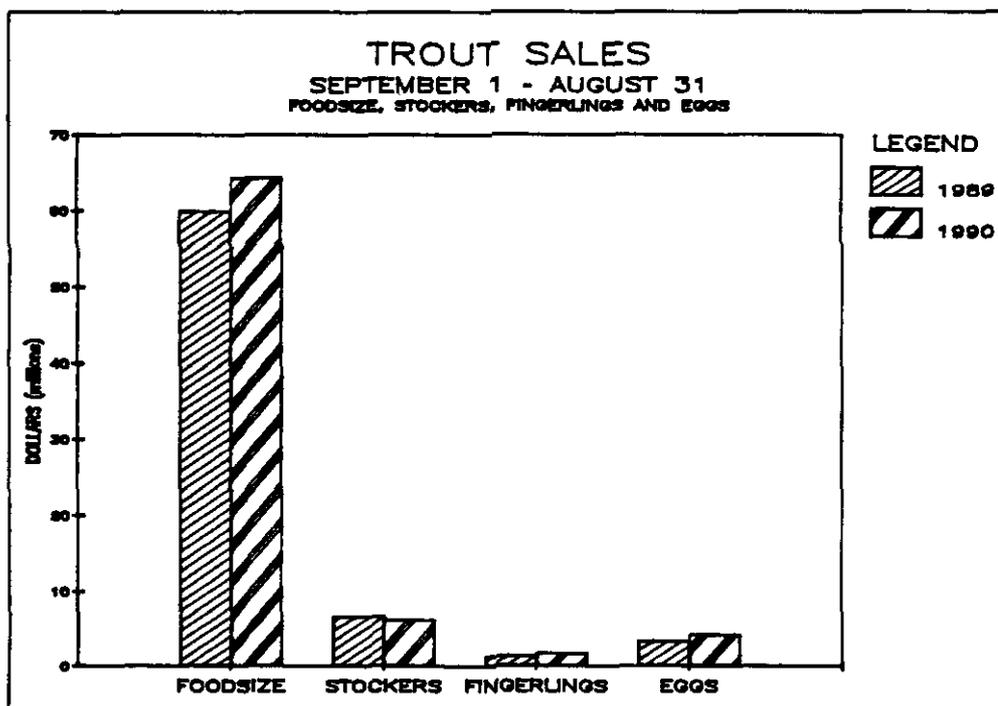
RELEASED: September 28, 1990
3:00 PM ET

TROUT SALES INCREASE 7 PERCENT

Trout growers in 15 selected States had a total value of fish and egg sales of \$76.9 million during the 12-month period from September 1, 1989 through August 31, 1990, according to the Agricultural Statistics Board. This was an increase of 7 percent from the \$71.7 million in sales during the same period a year earlier. Growers sold a total of 59.9 million pounds of trout valued at \$72.6 million this year. Foodsize trout sales accounted for 95 percent of the total pounds sold. In addition, 349 million trout eggs were sold, valued at \$4.31 million.

FOODSIZE SALES

Foodsize trout sales totaled 56.8 million pounds during the period September 1, 1989 through August 31, 1990, up 2 percent from the 55.5 million pounds sold during the same period the previous year. The value of sales for 1990 was \$64.5 million, up 7 percent from the \$60.0 million of foodsize sales during September 1, 1988 through August 31, 1989. The average value per pound was \$1.14 during 1990, up from the \$1.08 per pound during 1989. The major outlet for foodsize trout sales was to processors with 58 percent of the total being live weight sales. Fee and recreational fishing establishments and restaurant and retail outlets followed at 14 percent each, respectively.



STOCKER SALES

Stocker trout sales totaled 8.32 million fish during September 1, 1989 through August 31, 1990, down 5 percent from the 8.77 million fish sold during the previous year. The total live weight pounds of stockers sold during 1990 was 2.77 million, down 16 percent from the 3.29 million pounds sold during 1989. The average value per pound was \$2.28 during 1990, compared to \$2.06 per pound during 1989. The total value of stocker sales was \$6.31 million from September 1, 1989 through August 31, 1990, down 7 percent from the \$6.78 million in sales during the previous year. The major sales outlet for stocker trout was to fee and recreational fishing establishments with 46 percent of total live weight sales, followed by 21 percent of sales to other producers.

FINGERLING SALES

Sales of fingerlings from September 1, 1989 through August 31, 1990 totaled 12.4 million trout for a total of 332 thousand pounds sold, compared to 8.08 million trout for a total of 300 thousand pounds sold during the previous year. The average value per pound was \$5.53 during the 1990 marketing year, compared with \$4.88 per pound in 1989. The total value of fingerling sales was \$1.84 million, up 25 percent from last year's \$1.46 million in sales.

TROUT EGG SALES

Trout egg sales during September 1, 1989 through August 31, 1990 totaled 349 million eggs, up 11 percent from the 314 million eggs sold during the previous year. The average value per 1,000 eggs during 1990 was \$12.32, up from \$10.98 during 1989. The total value of trout egg sales during 1990 was \$4.31 million, up 25 percent from the \$3.45 million in egg sales during the previous year.

LOSSES OF FISH

Total losses of all trout was 44.5 million fish or 7.15 million pounds during September 1, 1989 through August 31, 1990. Of the total number lost, 72 percent were lost due to disease. However, of the total pounds lost, predators were the major cause with 2.96 million pounds lost, for 41 percent of the total pounds lost.

SURVEY PROCEDURES

Over 460 commercial trout producers in the 15 selected states were contacted between September 1 and September 20, 1990. Prior to the survey period, a list of all known commercial operations was created in each of the 15 states. Information was collected by mail return, telephone interviews, and/or by personal interview. Responses were received from 90 percent of the commercial trout producers.

TROUT: NUMBER OF OPERATIONS AND TOTAL SALES

STATE	NUMBER OF OPERATIONS		TOTAL SALES	
	SEPT 1		SEPT 1 - AUG 31	
	1989	1990	1989	1990
	NUMBER		1,000 DOLLARS	
CA	24	25	8,848	11,148
CO	33	28	1,943	2,167
GA	9	8	703	655
ID	24	25	28,766	33,065
MI	43	46	1,550	1,740
MO	12	13	2,266	1,765
NY	41	41	957	909
NC	75	75	7,710	4,900
OR	33	32	1,408	1,554
PA	39	38	4,333	6,140
TN	14	12	756	808
UT	10	8	4,731	3,512
VA	27	23	2,006	1,873
WA	34	37	4,230	4,764
WI	51	50	1,525	1,908
TOTAL	469	461	71,732	76,908

TROUT: SALES, NUMBER, WEIGHT, AND VALUE; FOODSIZE 1/
SEPTEMBER 1 - AUGUST 31

STATE	NUMBER OF FISH		TOTAL POUNDS SOLD		TOTAL VALUE OF SALES		AVERAGE VALUE PER POUND	
	1989	1990	1989	1990	1989	1990	1989	1990
	THOUSANDS				1,000 DOLLARS		DOLLARS	
CA	4,342	4,291	4,283	3,986	7,118	9,836	1.66	2.47
CO	275	368	289	421	666	1,005	2.30	2.39
GA	523	394	429	369	615	555	1.43	1.50
ID	47,500	50,000	37,000	40,000	28,490	32,400	0.77	0.81
MI	490	500	435	490	870	955	2.00	1.95
MO	928	551	700	533	1,679	1,235	2.40	2.32
NY	174	117	148	109	548	398	3.70	3.65
NC	4,600	3,244	5,084	3,774	7,035	4,603	1.38	1.22
OR	820	680	585	613	1,053	950	1.80	1.55
PA	1,187	1,678	1,035	1,582	2,737	4,113	2.64	2.60
TN	329	316	287	274	511	562	1.78	2.05
UT	4,101	3,391	3,332	2,643	4,617	3,478	1.39	1.32
VA	1,233	1,131	955	860	1,877	1,698	1.97	1.97
WA	276	398	463	504	1,070	1,046	2.31	2.08
WI	661	685	503	608	1,155	1,626	2.30	2.67
TOTAL	67,439	67,744	55,528	56,766	60,041	64,460	1.08	1.14

1/ FOODSIZE FISH ARE DEFINED AS BEING 12 INCHES LONG OR LONGER.

TROUT: SALES, NUMBER, WEIGHT, AND VALUE; STOCKERS 1/
SEPTEMBER 1 - AUGUST 31

STATE	NUMBER OF FISH		TOTAL POUNDS SOLD		TOTAL VALUE OF SALES		AVERAGE VALUE PER POUND	
	1989	1990	1989	1990	1989	1990	1989	1990
	THOUSANDS				1,000 DOLLARS		DOLLARS	
CA	922	676	418	226	812	394	1.94	1.74
CO	1,056	1,205	498	480	1,176	1,004	2.36	2.09
GA	79	72	35	49	50	73	1.43	1.49
MI	500	450	141	141	373	405	2.65	2.87
NY	311	364	90	98	360	414	4.00	4.22
NC	846	498	465	187	581	238	1.25	1.27
OR	430	516	124	170	217	316	1.75	1.86
PA	1,126	1,307	514	590	1,509	1,945	2.94	3.30
TN	689	462	99	90	193	185	1.95	2.06
VA	108	157	58	79	99	140	1.71	1.77
WA	697	881	116	175	288	488	2.48	2.79
WI	450	366	159	109	328	218	2.06	2.00
OTH 2/	1,558	1,361	570	371	791	487	1.39	1.31
TOTAL	8,772	8,315	3,287	2,765	6,777	6,307	2.06	2.28

1/ STOCKERS ARE DEFINED AS BEING FROM 6 - 12 INCHES IN LENGTH.

2/ INCLUDES ID, MO, AND UT.

TROUT: SALES, NUMBER, WEIGHT, AND VALUE; FINGERLINGS 1/
SEPTEMBER 1 - AUGUST 31

STATE	NUMBER OF FISH		TOTAL POUNDS SOLD		TOTAL VALUE OF SALES		AVERAGE VALUE PER POUND	
	1989	1990	1989	1990	1989	1990	1989	1990
	THOUSANDS				1,000 DOLLARS		DOLLARS	
CO	536	1,009	19	33	101	158	5.32	4.79
MI	1,132	945	39	57	300	370	7.69	6.49
NY	232	308	5	12	34	85	6.80	7.08
NC	1,609	779	17	21	94	59	5.53	2.81
PA	336	341	11	14	85	80	7.73	5.71
TN	2/	314	2/	17	2/	61	2/	3.59
VA	348	361	11	12	30	35	2.73	2.92
WA	331	1,300	11	20	40	146	3.64	7.30
WI	276	262	10	7	39	63	3.90	9.00
OTH 3/	3,284	6,766	177	138	741	778	4.19	5.63
TOTAL	8,084	12,385	300	332	1,464	1,835	4.88	5.53

1/ FINGERLINGS ARE DEFINED AS BEING FROM 2 - 6 INCHES IN LENGTH.

2/ INCLUDED IN OTHER STATES.

3/ INCLUDES CA, GA, ID, MO, OR, AND UT.

TROUT: SALES, NUMBER, AND VALUE; EGGS
SEPTEMBER 1 - AUGUST 31 1/

REGION 2/	NUMBER OF EGGS SOLD		TOTAL VALUE OF SALES		AVERAGE VALUE PER 1,000	
	1989	1990	1989	1990	1989	1990
	THOUSANDS		1,000 DOLLARS		DOLLARS	
N EAST	1,665	1,012	17	14	10.21	13.83
SO & CENT	1,067	865	12	11	11.24	12.72
WEST	311,495	347,573	3,421	4,281	10.98	12.32
TOTAL	314,227	349,450	3,450	4,306	10.98	12.32

1/ DATA PUBLISHED AT REGIONAL LEVEL TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

2/ REGIONS ARE DEFINED AS FOLLOWS - N EAST : PA AND NY; SO & CENT : GA, MI, MO, NC, TN, VA AND WI; WEST: CA, CO, ID, OR, UT AND WA.

TROUT: FOODSIZE PERCENT SOLD BY OUTLET TYPE,
SEPTEMBER 1, 1989 THROUGH AUGUST 31, 1990

STATE	LIVE HAULERS	FEE/REC FISHING	OTHER PRODU- CERS	GOVT.	DIRECT TO CONSUMER	PROC- ESSORS	REST & RETAIL	OTHER
	PERCENT							
CA	27	33	6	0	3	0	30	1
CO	2	72	1	0	1	1	23	0
GA	0	17	0	0	0	80	3	0
ID	0	1	0	0	0	98	0	1
MI	4	13	7	0	5	13	48	10
MO	14	39	8	1	0	6	29	3
NY	1	46	1	0	13	0	37	2
NC	15	5	2	1	1	73	3	0
OR	13	32	0	0	0	34	0	21
PA	10	50	4	2	7	15	10	2
TN	0	12	8	0	3	5	72	0
UT	1	3	4	1	1	0	90	0
VA	5	23	9	0	1	46	12	4
WA	8	70	9	0	2	0	4	7
WI	4	16	20	0	8	1	49	2
WT. AVG:	7	14	3	1	1	58	14	2

- 1/ INCLUDED WITH "OTHER" OUTLERS.
2/ LESS THAN 1 PERCENT.

TROUT: STOCKERS PERCENT SOLD BY OUTLET TYPE,
SEPTEMBER 1, 1989 THROUGH AUGUST 31, 1990

STATE	LIVE HAULERS	FEE/REC FISHING	OTHER PRODU- CERS	GOVT.	OTHER
	PERCENT				
CA	0	71	1	18	10
CO	39	44	6	10	1
GA	50	42	8	0	0
ID	0	5	83	12	0
MI	20	21	30	3	26
NY	1	64	8	2	25
NC	7	14	78	0	1
OR	0	68	0	0	32
PA	16	63	19	0	2
TN	0	18	82	0	0
VA	20	35	38	0	7
WA	24	24	18	12	22
WI	34	22	12	0	32
OTH 1/	5	21	36	38	0
WT. AVG:	18	46	21	6	9

- 1/ INCLUDES MO AND UT.

TROUT: NUMBER, POUNDS, AND PERCENT LOST BY CAUSE;
SEPTEMBER 1, 1989 THROUGH AUGUST 31, 1990

STATE	TOTAL		DISEASE			THEFT		
	NUMBER	POUNDS	NUMBER	POUNDS	% OF	NUMBER	POUNDS	% OF
	LOST	LOST	LOST	LOST	TOTAL #	LOST	LOST	TOTAL #
	(000)	(000)	(000)	(000)	%	(000)	(000)	%
CA	1,644	478	391	78	24	54	30	3
CO	706	93	494	37	70	30	5	4
ID	33,141	2,374	29,150	1,600	88	0	0	0
MI	277	129	127	44	46	18	11	7
MO	137	21	76	3	55	5	3	4
NY	161	15	21	1	13	2	2	1
NC	1,135	696	282	122	25	26	26	2
OR	264	28	39	4	15	0	0	0
PA	1,400	133	329	14	23	1	1	0
TN	90	17	19	1	21	0	0	0
VA	709	78	262	10	37	6	5	1
WA	1,097	242	16	2	1	181	21	17
WI	571	120	36	3	6	3	3	1
OTH 1/	3,177	2,730	674	662	21	2	2	0
TOTAL	44,509	7,154	31,916	2,581	72	328	109	1

1/ INCLUDES GA AND UT.

TROUT: NUMBER, POUNDS, AND PERCENT LOST BY CAUSE;
SEPTEMBER 1, 1989 THROUGH AUGUST 31, 1990

STATE	CHEMICALS			DROUGHT			FLOOD		
	NUMBER	POUNDS	% OF	NUMBER	POUNDS	% OF	NUMBER	POUNDS	% OF
	LOST	LOST	TOT.#	LOST	LOST	TOT.#	LOST	LOST	TOT.#
	(000)	(000)	%	(000)	(000)	%	(000)	(000)	%
CA	0	0	0	5	4	0	0	0	0
CO	5	0	1	6	2	1	3	0	0
ID	0	0	0	0	0	0	0	0	0
MI	0	0	0	1	1	0	0	0	0
MO	0	0	0	1	1	1	0	0	0
NY	0	0	0	4	1	3	0	0	0
NC	0	0	0	181	66	16	467	388	41
OR	23	1	9	0	0	0	0	0	0
PA	1/	1/	1/	1/	1/	1/	1/	1/	1/
TN	3	3	3	45	10	50	6	1	7
VA	0	0	0	9	3	1	364	38	51
WA	0	0	0	1	1	0	6	3	1
WI	0	0	0	150	1	26	5	2	1
OTH 2/	0	0	0	668	661	21	343	85	11
TOTAL	31	4	0	1,071	751	2	1,194	517	3

1/ INCLUDED IN "OTHER" LOSSES.

2/ INCLUDES GA AND UT.

TROUT: NUMBER, POUNDS, AND PERCENT LOST BY CAUSE;
SEPTEMBER 1, 1989 THROUGH AUGUST 31, 1990

STATE	PREDATORS			OTHER		
	NUMBER LOST	POUNDS LOST	% OF TOT. #	NUMBER LOST	POUNDS LOST	% OF TOT. #
	(000)		%	(000)		%
CA	1,191	365	73	3	1	0
CO	150	45	21	18	4	3
ID	3,874	745	12	117	29	0
MI	84	35	30	47	38	17
MO	55	14	40	0	0	0
NY	44	6	27	90	5	56
NC	54	2	5	125	92	11
OR	183	22	69	19	1	7
PA	1,062	116	76	8	2	1
TN	5	1	6	12	1	13
VA	43	8	6	25	14	4
WA	878	174	80	15	41	1
WI	362	107	63	15	4	3
OTH 1/	1,406	1,317	44	84	3	3
TOTAL	9,391	2,957	21	578	235	1

1/ INCLUDES GA AND UT.

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* The next issue of this report will be published *

* **SEPTEMBER 1991.** *
