

Trout Production



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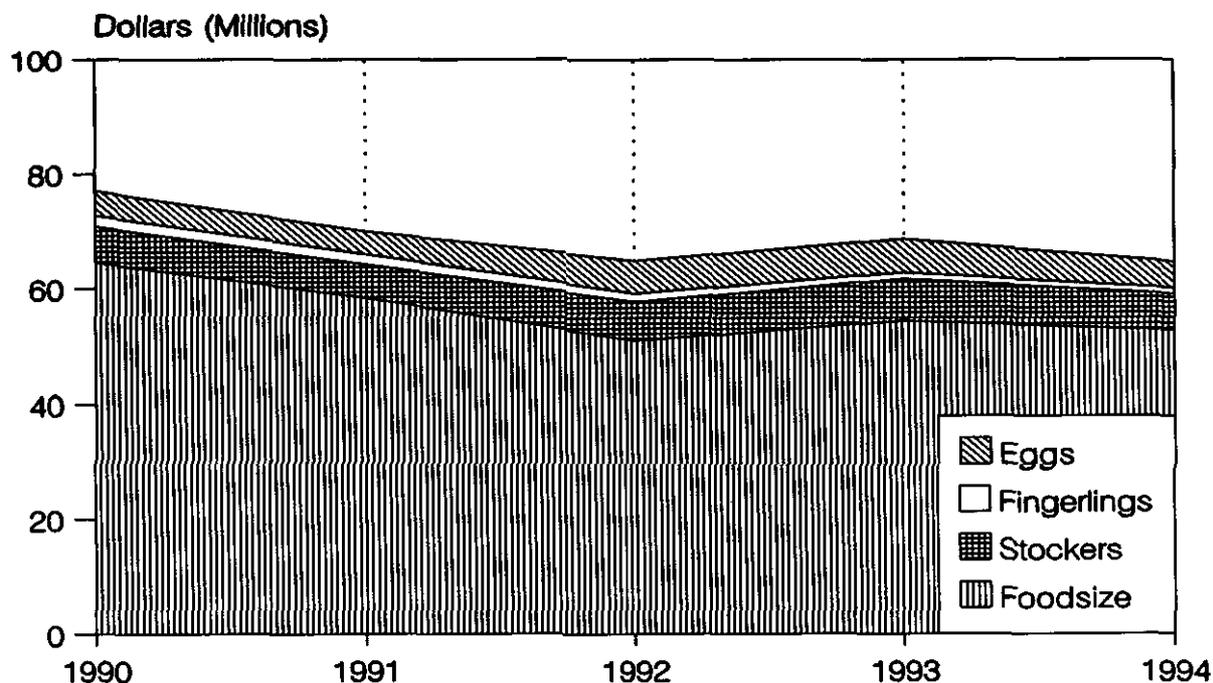
Washington, D.C.

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Trout Sales Decrease 6 Percent

Trout growers in the 15 selected States total value of sales was \$64.7 million during the 12-month period from September 1, 1993, through August 31, 1994. This was a decrease of 6 percent from the \$68.6 million in sales during the same period a year ago. Growers sold a total of 55.1 million pounds of trout valued at \$60.0 million this year.

Trout Sales September 1 - August 31



For information call Joel Moore at (202) 720-3244. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Foodsize Sales

Foodsize trout sales totaled 52.1 million pounds during the period September 1, 1993, through August 31, 1994, down 5 percent from the 54.6 million pounds sold during the same period the previous year. The value of sales for the 1994 marketing year was \$52.7 million, down 3 percent from the \$54.3 million of foodsize sales during the 1993 marketing year. The average value per pound was \$1.01 during 1994, up from the \$.99 per pound during 1993. The major outlet for foodsize trout sales was to processors with 68 percent of total live weight sales. Fee and recreational fishing establishments, at 18 percent, were the next largest followed by restaurants and retailers with 5 percent.

Stocker Sales

Stocker trout sales totaled 6.53 million fish during September 1, 1993, through August 31, 1994, down 28 percent from the 9.09 million fish sold during the previous year. The total live weight pounds of stockers sold during 1994 was 2.82 million, down 22 percent from the 3.61 million pounds sold during 1993. The average value per pound was \$2.25 during 1994, compared with \$2.05 per pound during 1993. The total value of stocker sales was \$6.34 million from September 1, 1993, through August 31, 1994, down 14 percent from the \$7.40 million in sales during the previous year. The major sales outlet for stocker trout was to fee and recreational fishing establishments with 53 percent of the total live weight sales, followed by 25 percent of sales to other producers, and 11 percent to live haulers.

Fingerling Sales

Sales of fingerlings during September 1, 1993, through August 31, 1994, totaled 6.53 million trout compared with 7.67 million trout during the previous year. Total pounds sold was 191 thousand pounds during 1994, compared with 199 thousand pounds during 1993. The average value per pound was \$5.08 during the 1994 marketing year, compared with \$5.20 per pound in 1993. The total value of fingerling sales was \$970 thousand, down 6 percent from last year's \$1.04 million in sales.

Trout Egg Sales

Trout egg sales during September 1, 1993, through August 31, 1994, totaled 370 million eggs, down 20 percent from 465 million eggs sold during the previous year. The average value per 1,000 eggs during 1994 was \$12.76, up from \$12.69 during 1993. The total value of trout egg sales during 1994 was \$4.72 million, down 20 percent from the \$5.90 million in egg sales during the previous year.

Losses of Fish

Total losses of all trout was 40.4 million fish or 4.81 million pounds during September 1, 1993, through August 31, 1994. Of the total number lost, 81 percent were lost due to disease, followed by predators with 12 percent lost.

Trout: Number of Operations and Total Sales by State,
September 1 - August 31, 1993-94

State	Number of Operations		Total Sales	
	Sep 1		Sep 1 - Aug 31	
	1993	1994	1993	1994
	Number		1,000 Dollars	
CA	27	18	6,707	5,286
CO	30	27	2,134	2,275
ID	33	35	29,180	30,389
MI	49	57	2,986	2,319
MO	12	12	1,632	1,564
NY	34	35	720	746
NC	71	65	5,784	4,032
OR	25	23	1,015	970
PA	39	38	4,482	5,417
UT	9	8	2,980	2,340
VA	27	59	2,075	2,204
WA	30	24	5,889	4,760
WI	48	49	1,838	1,276
Oth	18	16	1,172	1,104
Sts <u>1</u> /:				
Total	452	466	68,594	64,682

1/ Includes GA and TN.

Trout: Number, Weight, and Value of Foodsize Sales by State,
September 1 - August 31, 1993-94

State	Number of Head		Total Pounds Sold		Total Value of Sales		Average Value Per Pound	
	1993	1994	1993	1994	1993	1994	1993	1994
	1,000				1,000 Dollars			
CA	2,756	2,305	2,955	2,302	5,408	4,177	1.83	1.81
CO	397	614	349	524	790	1,104	2.26	2.11
ID	47,000	46,000	40,000	40,000	28,000	30,000	0.70	0.75
MI	610	700	570	610	1,370	1,420	2.40	2.33
MO	715	556	613	570	1,267	1,226	2.07	2.15
NY	110	77	101	73	393	298	3.89	4.08
NC	3,421	2,938	4,244	3,019	5,523	3,827	1.30	1.27
OR	365	435	335	390	650	770	1.94	1.97
PA	1,424	1,441	1,417	1,485	3,404	3,742	2.40	2.52
UT	1,680	1,244	1,869	1,257	2,739	2,112	1.47	1.68
VA	1,086	1,100	951	992	1,849	1,971	1.94	1.99
WA	342	230	277	225	524	436	1.89	1.94
WI	586	361	509	283	1,418	817	2.79	2.89
Oth	418	264	439	341	924	753	2.10	2.21
Sts <u>1/</u>								
Total	60,910	58,265	54,629	52,071	54,259	52,653	0.99	1.01

1/ Includes GA and TN.

Trout: Number, Weight, and Value of Stocker Sales by State,
September 1 - August 31, 1993-94

State	Number of Head		Total Pounds Sold		Total Value of Sales		Average Value per Pound	
	1993	1994	1993	1994	1993	1994	1993	1994
	----- 1,000 -----				1,000 Dollars		Dollars	
CA	471	399	228	243	445	350	1.95	1.44
CO	1,313	1,015	545	486	1,224	1,076	2.25	2.21
ID	2,808	509	850	86	850	113	1.00	1.31
MI	800	680	490	300	1,505	670	3.07	2.23
MO	*	561	*	183	*	322	*	1.76
NY	140	206	58	87	259	389	4.47	4.47
NC	513	263	170	77	209	97	1.23	1.26
OR	360	290	130	90	325	170	2.50	1.89
PA	737	1,168	357	564	1,003	1,568	2.81	2.78
UT	176	231	132	134	225	224	1.70	1.67
VA	201	197	70	91	140	175	2.00	1.92
WA	526	459	147	186	325	433	2.21	2.33
WI	412	379	167	178	337	407	2.02	2.29
Oth	637	170	263	115	551	343	2.10	2.98
Sts <u>1/</u> :								
Total	9,094	6,527	3,607	2,820	7,398	6,337	2.05	2.25

* Included in "Other States."

1/ Includes GA and TN.

Trout: Number, Weight, and Value of Fingerling Sales by State,
September 1 - August 31, 1993-94

State	Number of Head		Total Pounds Sold		Total Value of Sales		Average Value per Pound	
	1993	1994	1993	1994	1993	1994	1993	1994
	1,000		1,000		Dollars		Dollars	
CA	1,417	418	39	10	164	59	4.21	5.90
CO	642	621	16	17	119	94	7.44	5.53
ID	2,084	*	29	*	108	*	3.72	*
MI	460	740	20	32	110	225	5.50	7.03
NY	333	192	6	4	53	47	8.83	11.75
NC	575	1,478	13	23	52	108	4.00	4.70
OR	190	135	4	3	40	30	10.00	10.00
PA	215	423	9	19	74	107	8.22	5.63
UT	24	20	1	1	5	3	5.00	3.00
VA	390	319	11	11	86	57	7.82	5.18
WA	493	511	16	19	81	110	5.06	5.79
WI	422	142	11	7	81	45	7.36	6.43
Oth Sts <u>1/</u>	426	1,529	24	45	62	85	2.58	1.89
Total	7,671	6,528	199	191	1,035	970	5.20	5.08

* Included in "Other States".

1/ Includes GA, MO, and TN.

Trout: Number and Value of Egg Sales by Region,
September 1 - August 31, 1993-94 1/

Region <u>2/</u>	Number of Eggs		Total Value of Sales		Average Value per 1,000	
	1993	1994	1993	1994	1993	1994
	1,000		1,000 Dollars		Dollars	
N East	1,241	888	16	12	12.89	13.51
So & Cent	194	614	3	12	15.46	18.54
West	463,671	368,615	5,883	4,698	12.69	12.75
Total	465,106	370,117	5,902	4,722	12.69	12.76

1/ Data published at the 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: Percent of Foodsize Sales by Outlet Type,
September 1, 1993 - August 31, 1994

State	Live Haulers	Fee/rec: Fishing	Other Produ- cers	Govt.	Direct to Consumer	Proc- essors	Rest & Retail	Other
Percent								
CA	14	79	0	0	6	0	0	1
CO	17	73	2	2	5	0	1	0
ID	0	1	0	0	0	99	0	0
MI	20	45	8	0	2	*	12	*
MO	3	57	14	4	*	7	*	*
NY	1	38	0	0	19	0	41	1
NC	12	1	6	0	2	58	21	0
OR	0	12	26	0	0	17	45	0
PA	*	49	*	0	4	*	2	0
UT	3	8	6	0	0	79	4	0
VA	4	40	7	0	4	26	19	0
WA	4	8	7	9	39	12	2	19
WI	9	29	7	0	4	7	44	0
Oth	0	58	4	0	5	1	29	3
Sts 1/								
Wt. Avg:	4	18	3	0	2	68	5	0

* Not published to avoid disclosure of individual operations.

1/ Includes GA and TN.

Trout: Percent of Stocker Sales by Outlet Type,
September 1, 1993 - August 31, 1994

State	Live Haulers	Fee/rec Fishing	Other Produ- cers	Govt.	Other
Percent					
CA	8	84	4	0	4
CO	0	87	2	10	1
ID	9	22	68	0	1
MI	29	39	*	0	*
MO	5	22	38	35	0
NY	11	32	14	14	29
NC	6	83	11	0	0
OR	0	43	57	0	0
PA	8	57	*	*	0
UT	14	25	61	0	0
VA	0	51	48	0	1
WA	32	21	13	0	34
WI	26	17	42	0	15
Oth	6	87	0	0	7
Sts 1/					
Wt. Avg:	11	53	25	5	6

* Not published to avoid disclosure of individual operations.

1/ Includes GA and TN.

Trout: Number, Pounds, and Percent Lost by Cause,
September 1, 1993 - August 31, 1994

State	Total			Disease			Theft		
	Number Lost	Pounds Lost	% of Total #	Number Lost	Pounds Lost	% of Total #	Number Lost	Pounds Lost	% of Total #
	1,000			Percent			1,000		
CA	654	122		106	43	16	*	*	*
CO	742	253		181	48	24	3	2	0
ID	33,778	3,041		30,000	1,700	89	79	9	0
MI	193	112		71	36	37	19	14	10
MO	284	145		*	*	*	9	8	3
NY	167	23		45	1	27	2	2	1
NC	820	393		306	109	37	3	2	0
OR	218	50		12	3	6	2	1	1
PA	2,269	259		*	*	*	*	*	*
UT	384	119		56	17	15	20	35	5
VA	339	86		156	20	46	5	4	1
WA	155	57		17	1	11	4	1	3
WI	259	121		29	5	11	2	2	1
Oth Sts <u>1/</u>	112	31		15	3	13	6	5	5
Total	40,374	4,812		32,743	2,012	81	167	99	0

* Not published to avoid disclosure of individual operations.
1/ Includes GA and TN.

Trout: Number, Pounds, and Percent Lost by Cause,
September 1, 1993 - August 31, 1994

State	Chemicals			Drought			Flood		
	Number Lost	Pounds Lost	% of Tot.#	Number Lost	Pounds Lost	% of Tot.#	Number Lost	Pounds Lost	% of Tot.#
	1,000			Percent			1,000		
CA	*	*	*	*	*	*	0	0	0
CO	2	1	0	128	36	17	26	10	4
ID	11	1	0	810	665	2	8	1	0
MI	0	0	0	*	*	*	*	*	*
MO	0	0	0	*	*	*	*	*	*
NY	0	0	0	0	0	0	0	0	0
NC	0	0	0	64	61	8	314	184	38
OR	0	0	0	1	1	0	81	2	37
PA	*	*	*	*	*	*	*	*	*
UT	0	0	0	0	0	0	1	1	0
VA	0	0	0	6	3	2	54	18	16
WA	57	2	37	1	2	1	0	0	0
WI	0	0	0	0	0	0	1	2	0
Oth Sts <u>1/</u>	1	1	0	4	3	0	96	43	4
Total	71	5	0	1,029	774	3	714	369	2

* Not published to avoid disclosure of individual operations.
1/ Includes GA and TN.

Trout: Number, Pounds, and Percent Lost by Cause,
September 1, 1993 - August 31, 1994

State	Predators			Other		
	Number Lost	Pounds Lost	% of Tot. #	Number Lost	Pounds Lost	% of Tot. #
	----- 1,000 -----	----- 1,000 -----	Percent	----- 1,000 -----	----- 1,000 -----	Percent
CA	*	*	*	*	*	*
CO	268	96	36	134	60	18
ID	2,870	665	8	0	0	0
MI	85	41	44	15	19	8
MO	*	*	*	1	2	0
NY	56	13	34	64	7	38
NC	59	14	7	74	23	9
OR	75	31	34	47	12	22
PA	470	187	21	*	*	*
UT	306	64	80	1	2	0
VA	79	35	23	39	6	12
WA	70	44	45	6	7	4
WI	176	67	68	51	45	20
Oth Sts <u>1/</u> :	442	46	58	181	41	24
Total	5,008	1,328	12	642	225	2

* Not published to avoid disclosure of individual operations.

1/ Includes GA and TN.

Trout Estimates

Survey Procedures: Over 610 commercial trout producers in the 15 selected States were contacted between September 1 and September 17, 1994. Prior to the survey period, a list of all commercial operations was created in each of the 15 States. Information was collected by mail return, telephone interviews, and/or by personal interview. Great care is exercised to ensure that all operations are accounted for in the estimates.

Reliability: Sound statistical methodology is employed to derive the estimates from reported data. All data are analyzed for unusual values. Data from each operation are compared to their own past operating profile and to trends from similar operations. Data for inaccessible operations are accounted for through the expansion of the reported data or by imputation based on individual historical data. Survey data are subject to non-sampling errors such as omissions and mistakes in reporting and in processing the data. While these errors cannot be measured directly, they are minimized by carefully reviewing all reported data for consistency and reasonableness.

Revision Policy: Estimates for the previous year are subject to revision when current estimates are made. Revisions are the result of late or corrected data.

Terms and Definitions

Terms Used for Sales:

Foodsize: Fish that are grown commercially for food, usually ranging from 3/4 to 1 1/2 pounds and over 12 inches in length.

Stockers: Fish usually 6 to 12 inches in length and less than 3/4 pound.

Fingerlings: Fish usually from 1 to 6 inches long.

Live Haulers: Person who buys live fish on the farm and functions as a middleman.

Terms Used for Losses:

Disease: Includes losses from both parasitic and bacterial caused sickness.

Theft/Vandalism: The unauthorized removal of fish and/or the destruction of property causing a loss of fish by intentional acts of persons known or unknown.

Chemicals: Includes losses from pesticides or herbicide poisoning.

Drought: Includes losses from lack of water causing oxygen depletion.

Floods: Includes losses from too much water washing the fish away.

Predators: Includes losses from mink, otters, birds, and other animals.

The next "Trout Production" report will be released in September 1995.

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