

Trout Production



National
Agricultural
Statistics
Service

United States
Department of
Agriculture

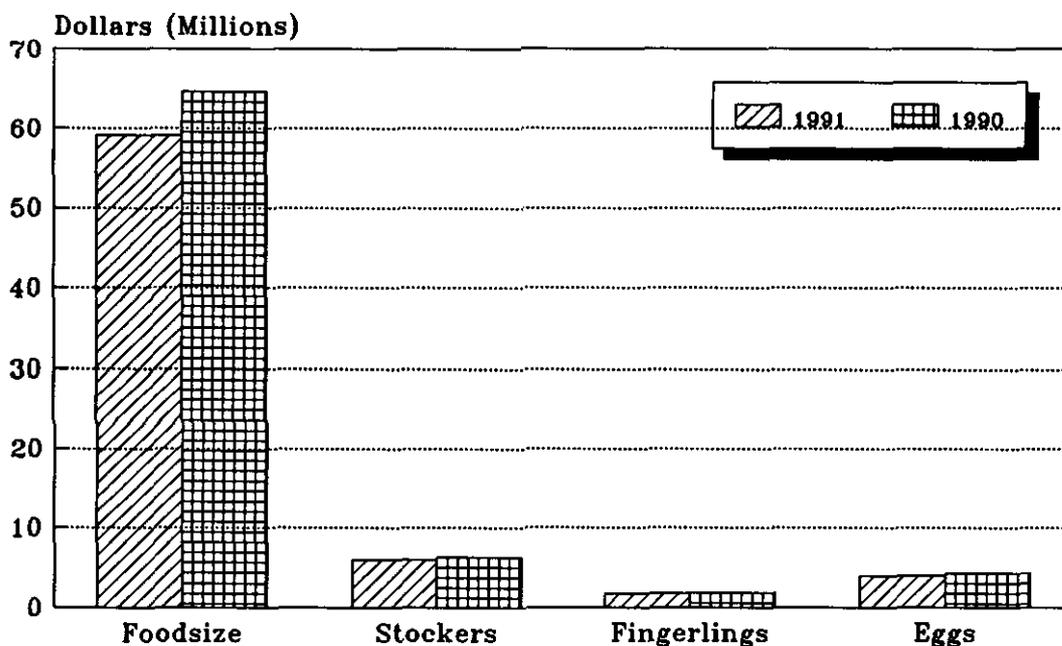
Washington, D.C.

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Trout Sales Decrease 8 Percent

The total value of trout in 15 selected States sales was \$70.8 million during the 12 month period from September 1, 1990, through August 31, 1991. This was a decrease of 8 percent from the \$77.1 million in sales during the same period a year ago. Growers sold a total of 62.6 million pounds of trout valued at \$66.9 million this year. Foodsize trout sales accounted for 88 percent of the total pounds sold. In addition, 312 million trout eggs were sold, valued at \$3.96 million.

Trout Sales September 1 - August 31



For Information, Call Robert E. Little (202) 447-6147. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Foodsize Sales

Foodsize trout sales during September 1, 1990, through August 31, 1991, totaled 59.4 million pounds, up 5 percent from the 56.8 million pounds sold during the same period the previous year. The value of sales for the 1991 marketing year was \$59.1 million, down 9 percent from the \$64.6 million of foodsize sales during the 1990 marketing year. The average value per pound was \$1.00 during 1991, down from the \$1.14 per pound during 1990. The major outlet for foodsize trout sales was to processors with 72 percent of total live weight sales. Fee and recreational fishing establishments and restaurant and retail outlets followed with 10 percent, each.

Stocker Sales

Stocker trout sales during September 1, 1990 through August 31, 1991, totaled 7.82 million fish, down 6 percent from the 8.32 million fish sold during the previous year. The total live weight pounds of stockers sold during 1991 was 2.85 million, up 3 percent from the 2.77 million pounds sold during 1990. The average value per pound was \$2.10 during 1991, compared to \$2.28 per pound during 1990. The total value of stocker sales was \$5.99 million from September 1, 1990 through August 31, 1991, down 5 percent from the \$6.31 million in sales during the previous year. The major sales outlet for stocker trout was to fee and recreational fishing establishments with 60 percent of total live weight sales, followed by 18 percent of sales to other producers.

Fingerling Sales

Sales of fingerlings during September 1, 1990, through August 31, 1991, totaled 12.0 million trout for a total of 293,000 pounds, compared to 12.4 million trout for a total of 335,000 pounds sold during the previous year. The average value per pound was \$5.93 during the 1991 marketing year, compared with \$5.54 per pound in 1990. The total value of fingerling sales was \$1.74 million, down 6 percent from last year's \$1.86 million in sales.

Trout Egg Sales

Trout egg sales during September 1, 1990, through August 31, 1991, totaled 312 million eggs, down 11 percent from the 349 million eggs sold during the previous year. The average value per 1,000 eggs during 1991 was \$12.67, up from \$12.32 during 1990. The total value of trout egg sales during 1991 was \$3.96 million, down 8 percent from the \$4.31 million in egg sales during the previous year.

Losses of Fish

Total trout losses during September 1, 1990, through August 31, 1991, were 19.7 million fish or 2.65 million pounds. Of the total number lost, 59 percent were lost due to disease, followed by predators with 26 percent lost.

Trout: Number of Operations and Total Sales
 Total Sales for the Periods of September 1, 1990 - August 31, 1991

state	Number of Operations		Total Sales	
	1990	Sep 1 1991	1990	Sep 1 1991
	Number		1,000 Dollars	
CO	28	26	2,167	2,370
ID	25	25	33,065	34,446
MI	46	41	1,940	2,410
MO	13	12	1,765	2,132
NY	41	36	909	780
NC	75	68	4,900	4,600
OR	32	31	1,554	592
PA	38	43	6,140	4,161
TN	12	11	808	642
UT	8	7	3,512	1,959
VA	23	26	1,873	1,966
WA	37	34	4,764	5,027
WI	50	61	1,908	2,221
OTH <u>1/</u>	33	33	11,803	7,519
Total	461	454	77,108	70,825

1/ Includes CA and GA.

Trout: Sales, Number, Weight, and Value; Foodsize 1/
September 1, 1990 - August 31, 1991

State	Number of Fish		Total Pounds Sold		Total Value of Sales		Average Value Per Pound	
	1990	1991	1990	1991	1990	1991	1990	1991
	Thousands				1,000 Dollars		Dollars	
CO	368	325	421	425	1,005	1,013	2.39	2.38
ID	50,000	53,000	40,000	45,000	32,400	33,750	0.81	0.75
MI	550	600	540	620	1,135	1,450	2.10	2.34
MO	551	858	533	808	1,235	1,887	2.32	2.34
NY	117	112	109	97	398	372	3.65	3.84
NC	3,244	3,767	3,774	3,557	4,603	4,321	1.22	1.21
OR	680	260	613	247	950	463	1.55	1.87
PA	1,678	1,700	1,582	1,366	4,113	3,052	2.60	2.23
TN	316	284	274	260	562	528	2.05	2.03
VA	1,131	1,070	860	967	1,698	1,768	1.97	1.83
WA	398	725	504	680	1,046	1,301	2.08	1.91
WI	685	586	608	888	1,626	1,962	2.67	2.21
Oth <u>2/</u>	8,076	4,831	6,998	4,507	13,869	7,275	1.98	1.61
Total	67,794	68,118	56,816	59,422	64,640	59,142	1.14	1.00

1/ Foodsize fish are defined as being 12 inches long or longer.

2/ Includes CA, GA, and UT.

Trout: Sales, Number, Weight, and Value; Stockers 1/
September 1, 1990 - August 31, 1991

State	Number of Fish		Total Pounds Sold		Total Value of Sales		Average Value Per Pound	
	1990	1991	1990	1991	1990	1991	1990	1991
	Thousands				1,000 Dollars		Dollars	
CO	1,205	1,078	480	533	1,004	1,157	2.09	2.17
MI	450	450	141	140	405	450	2.87	3.21
NY	364	230	98	80	414	329	4.22	4.11
NC	498	300	187	110	238	142	1.27	1.29
OR	516	125	170	29	316	91	1.86	3.14
PA	1,307	1,139	590	376	1,945	992	3.30	2.64
TN	462	133	90	71	185	95	2.06	1.34
VA	157	207	79	90	140	151	1.77	1.68
WA	881	688	175	136	488	384	2.79	2.82
WI	366	256	109	91	218	204	2.00	2.24
Oth <u>2/</u>	2,109	3,218	646	1,194	954	1,995	1.48	1.67
Total	8,315	7,824	2,765	2,850	6,307	5,990	2.28	2.10

1/ Stockers are defined as being from 6 - 12 inches in length.

2/ Includes CA, GA, ID, MO, and UT.

Trout: Sales, Number, Weight, and Value; Fingerlings 1/
September 1, 1990 - August 31, 1991

State	Number of Fish		Total Pounds Sold		Total Value of Sales		Average Value Per Pound	
	1990	1991	1990	1991	1990	1991	1990	1991
	Thousands				1,000 Dollars		Dollars	
CO	1,009	835	33	35	158	200	4.79	5.71
MI	1,000	1,500	60	65	390	500	6.50	7.69
NY	308	251	12	6	85	64	7.08	10.67
NC	779	1,496	21	34	59	137	2.81	4.03
PA	341	724	14	22	80	117	5.71	5.32
VA	361	542	12	12	35	47	2.92	3.92
WA	1,300	623	20	15	146	93	7.30	6.20
WI	262	325	7	6	63	53	9.00	8.83
Oth <u>2/</u>	7,080	5,720	156	98	839	526	5.38	5.37
Total	12,440	12,016	335	293	1,855	1,737	5.54	5.93

1/ Fingerlings are defined as being from 2 - 6 inches in length.

2/ Includes CA, GA, ID, MO, OR, TN, and UT.

Trout: Sales, Number, and Value; Eggs
September 1, 1990 - August 31, 1991 1/

Region <u>2/</u>	Number of Eggs		Total Value of Sales		Average Value Per 1,000	
	1990	1991	1990	1991	1990	1991
	Thousands		1,000 Dollars		Dollars	
N East	1,012	1,169	14	15	13.83	12.83
So & Cent	865	5,013	11	53	13.16	10.57
West	347,573	305,974	4,281	3,888	12.32	12.71
Total	349,450	312,156	4,306	3,956	12.32	12.67

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, 1990 - August 31, 1991

State	Live Haulers	Fee/Rec Fishing	Other Producers	Govt.	Direct to Consumer	Processors	Rest & Retail	Other
Percent								
CO	4	81	0	0	8	0	7	0
ID	0	1	0	0	0	98	1	0
MI	10	14	5	0	7	13	43	8
MO	3	33	14	3	6	9	28	4
NY	0	40	0	0	14	0	46	0
NC	14	2	5	0	4	72	2	1
OR	0	27	0	0	0	40	21	12
PA	2	33	2	0	0	0	63	0
TN	3	17	8	1	14	8	49	0
VA	2	32	15	0	4	35	10	2
WA	5	12	3	0	4	66	1	9
WI	9	9	8	0	4	1	69	0
OTH 1/	9	23	10	0	0	48	4	6
WT. AVG:	3	10	3	0	1	72	10	1

1/ Includes CA, GA, and UT.

Trout: Stockers Percent Sold by Outlet Type,
September 1, 1990 - August 31, 1991

State	Live Haulers	Fee/Rec Fishing	Other Producers	Govt.	Other
Percent					
CO	10	76	0	14	0
ID	0	54	46	0	0
MI	4	38	28	2	28
MO	0	27	26	47	0
NY	17	41	25	3	14
NC	23	7	65	0	5
OR	0	61	17	0	22
PA	6	85	1	8	0
TN	1	10	89	0	0
VA	3	10	50	0	37
WA	12	27	46	15	0
WI	30	38	25	0	7
Oth 1/	1	74	10	1	14
Wt. Avg:	7	60	18	7	8

1/ Includes CA, GA, and UT.

Trout: Number, Pounds, and Percent Lost by Cause;
September 1, 1990 - August 31, 1991

State	Total			Disease			Theft		
	Number Lost	Pounds Lost	% of Total No	Number Lost	Pounds Lost	% of Total No	Number Lost	Pounds Lost	% of Total No
	(000)	(000)	Percent	(000)	(000)	Percent	(000)	(000)	Percent
CA	1,068	386	13	141	82	13	10	9	1
CO	543	121	10	55	0	10	7	4	1
ID	10,991	726	73	8,039	523	73	0	0	0
MI	252	125	16	41	16	16	24	24	10
NY	158	33	25	39	4	25	2	2	1
NC	1,670	211	69	1,160	148	69	9	7	1
OR	137	41	10	14	3	10	1	1	1
PA	866	255	14	118	16	14	20	19	2
TN	161	65	12	20	1	12	4	4	2
VA	481	70	57	272	18	57	6	4	1
WA	150	95	11	16	1	11	3	1	2
WI	326	30	3	11	1	3	7	3	2
OTH 1/	2,881	494	60	1,627	216	60	74	56	0
TOTAL	19,684	2,652	59	11,553	1,029	59	167	134	1

1/ Includes GA, MO, and UT.

Trout: Number, Pounds, and Percent Lost by Cause;
September 1, 1990 - August 31, 1991

State	Chemicals			Drought			Flood		
	Number Lost	Pounds Lost	% of Tot No	Number Lost	Pounds Lost	% of Tot No	Number Lost	Pounds Lost	% of Tot No
	(000)	(000)	Percent	(000)	(000)	Percent	(000)	(000)	Percent
CA	0	0	0	306	185	29	0	0	0
CO	0	0	0	206	44	38	0	0	0
ID	44	9	0	0	0	0	0	0	0
MI	2	2	1	0	0	0	4	4	2
NY	0	0	0	32	8	20	0	0	0
NC	0	0	0	101	14	6	56	11	3
OR	0	0	0	3	1	2	0	0	0
PA	0	0	0	102	44	12	0	0	0
TN	1	1	1	60	1	37	63	46	39
VA	15	8	3	14	9	3	0	0	0
WA	4	1	3	0	0	0	4	5	3
WI	0	0	0	0	0	0	0	0	0
Oth 1/	682	103	27	71	5	3	0	0	0
Total	748	124	4	895	311	5	131	72	1

1/ Includes GA, MO, and UT.

Trout: Number, Pounds, and Percent Lost by Cause;
September 1, 1990 - August 31, 1991

State	Number Lost	Predators			Number Lost	Other	
		Pounds Lost	% of Total No	Pounds Lost		% of Total No	
	(000)		Percent	(000)		Percent	
CA	600	109	56	11	1	1	
CO	158	59	29	117	14	22	
ID	2,837	184	26	71	10	1	
MI	91	38	36	90	41	36	
NY	29	9	18	56	10	35	
NC	26	6	2	318	25	19	
OR	96	35	70	23	1	17	
PA	626	176	72	0	0	0	
TN	12	11	7	1	1	1	
VA	53	11	11	121	20	25	
WA	100	79	67	23	8	15	
WI	243	24	75	65	2	20	
Oth <u>1/</u>	234	61	7	189	47	3	
Total	5,105	802	26	1,085	180	6	

1/ Includes GA, MO, and UT.

Survey Procedures

Over 450 commercial trout producers in the 15 selected states were contacted between September 1 and September 20, 1991. 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 statistically using 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. 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 and are generally within one-half percent.

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The next "Trout Production" report will be released in October 1992.

