

Trout Production



United States
Department of
Agriculture

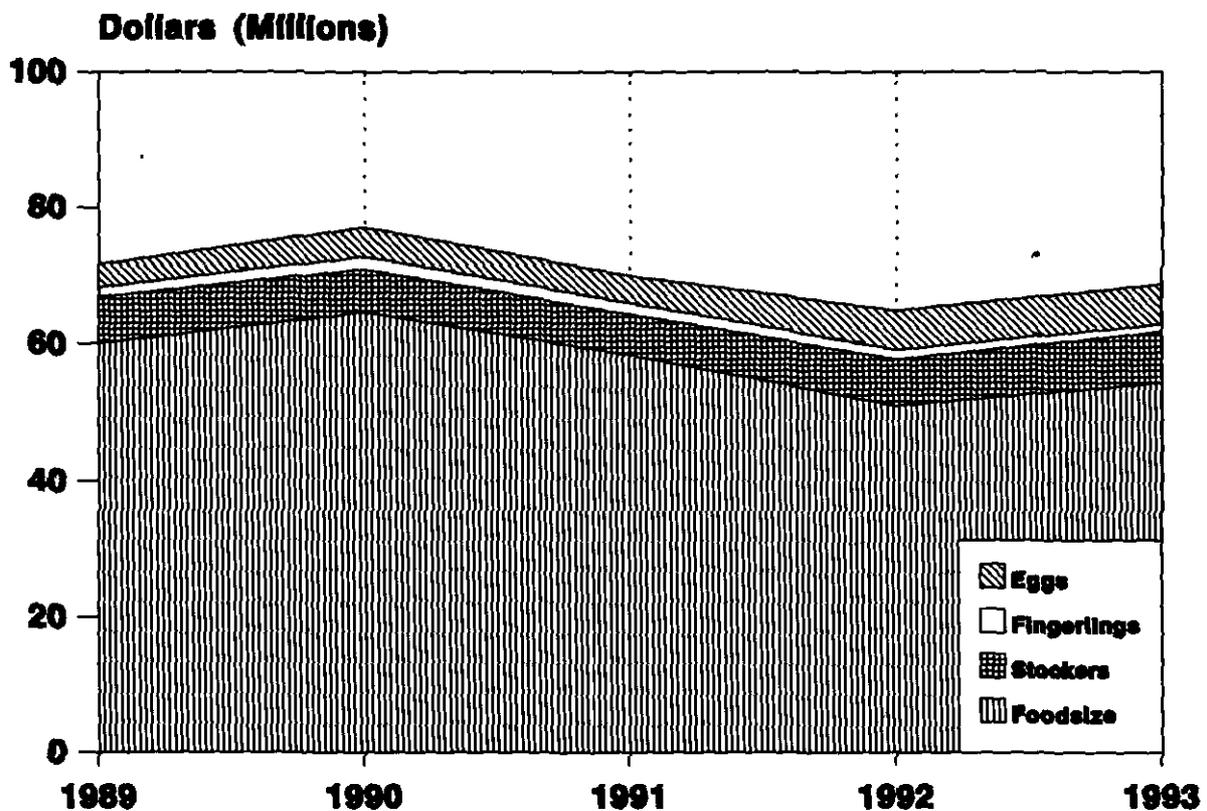
Washington, D.C.

Released October 1, 1993, by the Agricultural Statistics Board.

Trout Sales Increase 6 Percent

Trout growers in the 15 selected States total value of sales was \$68.7 million during the 12 month period from September 1, 1992, through August 31, 1993. This was an increase of 6 percent from the \$64.9 million in sales during the same period a year ago. Growers sold a total of 58.5 million pounds of trout valued at \$62.8 million this year.

Trout Sales September 1 - August 1



For information call Robert E. Little at (202) 720-6147. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Foodsize Sales

Sales of foodsize trout during September 1, 1992, through August 31, 1993, totaled 60.9 million, down 5 percent from the previous year. Total liveweight amounted to 54.6 million pounds, down 1 percent from the 55.2 million pounds sold during the same period the previous year. The value of sales for the 1993 marketing year was \$54.3 million, up 7 percent from the \$51.0 million of foodsize sales during the 1992 marketing year. The average value per pound was \$.99 during 1993, up from the \$.92 per pound during 1992. The major outlet for foodsize trout sales was to processors with 63 percent of total live weight sales. Fee and recreational fishing establishments, and restaurants and retailers followed with 19 and 9 percent, respectively.

Stocker Sales

Stocker trout sales totaled 9.11 million fish during September 1, 1992, through August 31, 1993, up 7 percent from the 8.52 million fish sold during the previous year. The total live weight pounds of stockers sold during 1993 was 3.62 million, up 10 percent from the 3.29 million pounds sold during 1992. The average value per pound was \$2.06 during 1993, compared with \$2.05 per pound during 1992. The total value of stocker sales was \$7.43 million from September 1, 1992, through August 31, 1993, up 10 percent from the \$6.74 million in sales during the previous year. The major sales outlet for stocker trout was to fee and recreational fishing establishments with 43 percent of the total live weight sales, followed by 27 percent of sales to live haulers, and 26 percent to other producers.

Fingerling Sales

Sales of fingerlings during September 1, 1992, through August 31, 1993, totaled 7.71 million trout compared with 10.1 million trout during the previous year. Total pounds sold was 200,000 pounds during 1993, compared with 293,000 pounds during 1992. The average value per pound was \$5.20 during the 1993 marketing year, compared with \$4.82 per pound in 1992. The total value of fingerling sales was \$1.04 million, down 26 percent from last year's \$1.41 million in sales.

Trout Egg Sales

Trout egg sales during September 1, 1992, through August 31, 1993, totaled 465 million eggs, up 3 percent from the 453 million eggs sold during the previous year. The average value per 1,000 eggs during 1993 was \$12.69, down from \$12.86 during 1992. The total value of trout egg sales during 1993 was \$5.90 million, up 1 percent from the \$5.83 million in egg sales during the previous year.

Losses of Fish

Total losses of all trout was 35.3 million fish or 5.13 million pounds during September 1, 1992, through August 31, 1993. Of the total number lost, 71 percent were lost due to disease, followed by predators with 17 percent lost.

Trout: Number of Operations and Total Sales
 Total Sales for the Periods of September 1, 1992 - August 31, 1993

State	Number of Operations		Total Sales	
	Sep 1		Sep 1	
	1992	1993	1992	1993
	Number		1,000 Dollars	
CA	23	27	5,258	6,707
CO	33	30	2,375	2,134
ID	30	33	28,450	29,180
MI	54	49	2,477	2,986
MD	14	12	1,367	1,632
NY	37	39	883	811
NC	68	71	5,278	5,784
OR	26	25	872	1,015
PA	45	39	4,314	4,482
TN	13	*	741	*
UT	*	9	*	2,980
VA	26	27	2,030	2,075
WA	32	30	5,864	5,889
WI	48	48	1,548	1,838
Oth 1/	12	18	3,484	1,172
Total	461	457	64,941	68,685

* Included with "other" number of operations and sales.
 1/ Includes GA.

Trout: Sales, Number, Weight, and Value: Foodsize 1/
September 1, 1992 - August 31, 1993

State	Number of Head		Total Pounds Sold		Total Value of Sales		Average Value per Pound	
	1992	1993	1992	1993	1992	1993	1992	1993
	1,000				1,000 Dollars		Dollars -	
CA	2,450	2,756	2,270	2,955	4,053	5,408	1.79	1.83
CO	305	397	310	349	740	790	2.39	2.26
ID	50,000	47,000	41,500	40,000	27,805	28,000	0.67	0.70
MI	680	610	600	570	1,550	1,370	2.58	2.40
MO	581	715	578	613	1,054	1,267	1.82	2.07
NY	130	126	106	114	423	443	3.99	3.89
NC	3,343	3,421	3,894	4,244	5,027	5,523	1.29	1.30
OR	420	365	400	335	740	650	1.85	1.94
PA	1,501	1,424	1,445	1,417	2,933	3,404	2.03	2.40
TN	336	*	316	*	644	*	2.04	*
UT	*	1,680	*	1,869	*	2,739	*	1.47
VA	1,042	1,086	969	951	1,834	1,849	1.89	1.94
WA	246	342	222	277	437	524	1.97	1.89
WI	428	586	374	509	1,008	1,418	2.70	2.79
Oth <u>2/</u>	3,000	418	2,255	439	2,710	924	1.20	2.10
Total	64,462	60,926	55,239	54,642	50,958	54,309	0.92	0.99

* Included in "other" foodsize sales.

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

2/ Includes GA.

Trout: Sales, Number, Weight, and Value: Stockers 1/
September 1, 1992 - August 31, 1993

State	Number of Head		Total Pounds Sold		Total Value of Sales		Average Value per Pound	
	1992	1993	1992	1993	1992	1993	1992	1993
	1,000				1,000 Dollars		Dollars -	
CA	607	471	266	228	598	445	2.25	1.95
CO	1,475	1,313	695	545	1,487	1,224	2.14	2.25
ID	*	2,808	*	850	*	850	*	1.00
MI	665	800	200	490	515	1,505	2.58	3.07
MO	569	*	160	*	282	*	1.76	*
NY	258	157	89	66	385	294	4.33	4.45
NC	344	513	154	170	215	209	1.40	1.23
OR	155	360	33	130	102	325	3.09	2.50
PA	844	737	432	357	1,304	1,003	3.02	2.81
TN	48	*	29	*	43	*	1.48	*
UT	*	176	*	132	*	225	*	1.70
VA	179	201	81	70	142	140	1.75	2.00
WA	849	526	118	147	272	325	2.31	2.21
WI	533	412	199	167	494	337	2.48	2.02
Oth <u>2/</u>	1,997	637	829	263	904	551	1.09	2.10
Total	8,523	9,111	3,285	3,615	6,743	7,433	2.05	2.06

* Included in "other" stocker sales.

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

2/ Includes GA.

Trout: Sales, Number, Weight, and Value; Fingerlings 1/
September 1, 1992 - August 31, 1993

State	Number of Head		Total Pounds Sold		Total Value of Sales		Average Value per Pound	
	1992	1993	1992	1993	1992	1993	1992	1993
	1,000				1,000 Dollars		Dollars	
CA	857	1,417	20	39	96	164	4.80	4.21
CO	610	642	23	16	148	119	6.43	7.44
ID	*	2,084	*	29	*	108	*	3.72
MI	1,355	460	61	20	410	110	6.72	5.50
NY	291	376	7	7	68	58	9.71	8.29
NC	445	575	7	13	36	52	5.14	4.00
OR	130	190	3	4	30	40	10.00	10.00
PA	407	215	12	9	77	74	6.42	8.22
UT	*	24	*	1	*	5	*	5.00
VA	426	390	12	11	53	86	4.42	7.82
WA	879	493	15	16	120	81	8.00	5.06
WI	296	422	6	11	44	81	7.33	7.36
Oth <u>2/</u>	4,437	426	127	24	329	62	2.59	2.58
Total	10,133	7,714	293	200	1,411	1,040	4.82	5.20

* Included in "other" fingerlings sales.

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

2/ Includes GA, MO and TN.

Trout: Sales, Number, and Value; Eggs
September 1, 1992 - August 31, 1993 1/

Region <u>2/</u>	Number of Head		Total Value of Sales		Average Value per 1,000	
	1992	1993	1992	1993	1992	1993
	1,000		1,000 Dollars		Dollars	
N East	573	1,362	7	17	12.22	12.48
So & Cent	339	194	5	3	14.75	15.46
West	452,187	463,671	5,817	5,883	12.86	12.69
Total	453,099	465,227	5,829	5,903	12.86	12.69

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: Foodsize Percent Sold by Outlet Type,
September 1, 1992 Through August 31, 1993

State	Live Haulers	Fee/rec Fishing	Other Producers	Govt.	Direct to Consumer	Processors	Rest & Retail	Other
Percent								
CA	12	85	1	0	1	0	1	0
CO	9	83	1	1	3	0	3	0
ID	0	1	0	0	0	98	1	0
MI	31	35	4	0	2	15	13	0
MO	2	54	14	4	2	9	15	0
NY	0	31	3	2	31	0	32	1
NC	3	0	5	0	2	70	20	0
OR	13	13	2	0	0	44	28	0
PA	2	50	*	0	6	*	2	0
UT	4	12	6	0	3	7	45	23
VA	6	32	13	0	7	32	10	0
WA	28	34	12	2	1	18	3	2
WI	3	22	5	0	2	13	55	0
Oth <u>1/</u>	8	12	9	0	1	29	41	0
Wt. Avg:	3	19	3	0	2	63	9	1

* Included with "other" foodsize sold outlet.

1/ Includes GA and TN.

Trout: Stockers Percent Sold by Outlet Type,
September 1, 1992 Through August 31, 1993

State	Live Haulers	Fee/rec Fishing	Other Producers	Govt.	Other
Percent					
CA	19	75	5	0	1
CO	24	69	1	6	0
ID	7	16	77	0	0
MI	78	17	5	0	0
MO	0	31	32	37	0
NY	11	59	24	6	0
NC	0	10	90	0	0
OR	0	60	40	0	0
PA	*	72	*	1	0
UT	3	34	63	0	0
VA	4	33	63	0	0
WA	34	34	19	0	0
WI	36	44	19	0	1
Oth <u>1/</u>	60	0	22	0	18
Wt. Avg:	27	43	26	3	1

* Included with "other" stockers sold outlet.

1/ Includes GA and TN.

Trout: Number, Pounds, and Percent Lost by Cause:
September 1, 1992 Through August 31, 1993

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	Percent			
CA	519	222	24	122	26	24	3	3	1
CO	522	133	11	55	5	11	3	2	1
ID	27,600	2,500	86	23,700	1,500	86	35	8	0
MI	137	57	9	12	10	9	11	5	8
MO	294	70	32	95	5	32	3	2	1
NY	180	27	29	52	2	29	1	1	1
NC	3,801	1,379	7	281	266	7	21	3	1
OR	176	65	14	25	9	14	2	2	1
PA	1,198	337	*	*	*	*	2	3	0
UT	216	137	18	38	21	18	6	7	3
VA	197	43	62	123	13	62	3	3	2
WA	152	58	14	21	1	14	3	1	2
WI	175	61	6	11	1	6	4	5	2
Oth 1/	91	39	30	27	10	30	4	2	4
Total	35,258	5,128	71	24,883	1,887	71	101	47	0

* Included with "other" losses.

1/ Includes GA and TN.

Trout: Number, Pounds, and Percent Lost by Cause:
September 1, 1992 Through August 31, 1993

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	Percent		1,000	Percent
CA	0	0	0	0	0	0	152	95	29
CO	0	0	0	191	41	37	0	0	0
ID	170	85	1	25	10	0	10	3	0
MI	25	3	18	0	0	0	7	4	5
MO	0	0	0	0	0	0	*	*	*
NY	0	0	0	42	12	23	0	0	0
NC	20	20	1	1,152	363	30	2,023	713	53
OR	0	0	0	54	10	31	0	0	0
PA	*	*	*	60	28	5	*	*	*
UT	0	0	0	63	33	29	15	9	7
VA	0	0	0	7	7	4	10	5	5
WA	0	0	0	28	10	18	2	3	1
WI	0	0	0	5	1	3	17	8	10
Oth 1/	0	0	0	39	17	43	0	0	0
Total	216	109	1	1,666	532	5	2,343	864	7

* Included with "other" losses.

1/ Includes GA and TN.

Trout: Number, Pounds, and Percent Lost by Cause:
September 1, 1992 Through August 31, 1993

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	204	85	39	38	13	7
CO	272	83	52	1	2	0
ID	3,630	870	13	30	24	0
MI	80	32	58	2	3	1
MO	90	44	31	*	*	*
NY	67	8	37	18	4	10
NC	228	4	6	76	10	2
OR	93	43	53	2	1	1
PA	*	*	*	8	7	1
UT	84	59	39	10	8	5
VA	54	15	27	0	0	0
WA	80	27	53	18	16	12
WI	136	45	78	2	1	1
Oth <u>1/</u>	17	9	19	4	1	4
Total	5,821	1,590	17	228	99	1

* Included with "other" losses.

1/ Includes GA and TN.

Survey Procedures: Over 630 commercial trout producers in the 15 selected States were contacted between September 1 and September 17, 1993. 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.

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