

Trout Production



United States
Department of
Agriculture

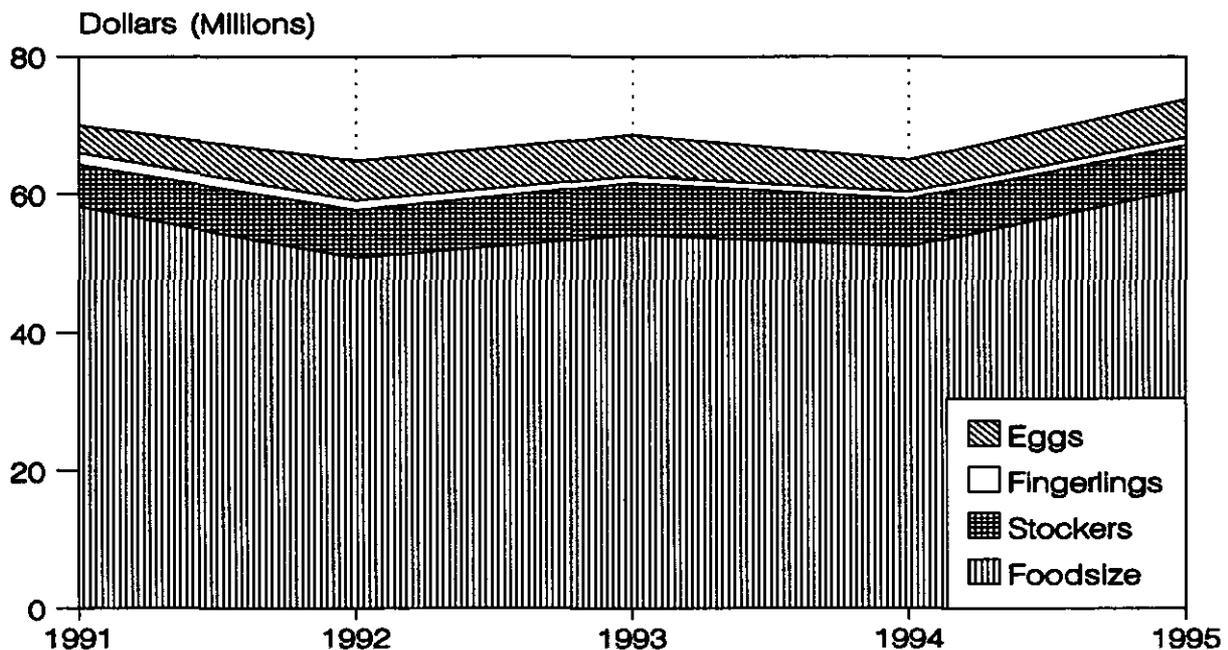
Washington, D.C.

Released September 28, 1995, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Trout Production" call Jim Brewster at (202) 720-8784, office hours 8:00 a.m. to 4:30 p.m. ET. For assistance with general agricultural statistics, information about NASS, its products or services, contact the NASS Information Hotline at 1-800-727-9540 or E-mail: NASS@AG.GOV. This summary relates to September 1, 1994 thru August 31, 1995 and revised estimates for September 1, 1993 thru August 31, 1994.

Trout Sales Increase 13 Percent

Trout growers in the 15 selected States total value of sales was \$73.9 million during the 12 month period from September 1, 1994 through August 31, 1995. This was an increase of 13 percent from the \$65.1 million in sales during the same period a year ago. Growers sold a total of 58.4 million pounds of trout valued at \$68.3 million this year.

Trout Sales September 1 - August 31



Foodsize Sales

Sales of foodsize trout during September 1, 1994 through August 31, 1995 totaled 55.4 million pounds, up 6 percent from the previous year. The value of sales for the 1995 marketing year was \$60.7 million, up 15 percent from the \$52.7 million of foodsize sales during the 1994 marketing year. The average value per pound was \$1.10 during 1995, up from the \$1.01 per pound during 1994. The major outlet for foodsize trout sales was to processors with 68 percent of total live weight sales. Fee and recreational fishing establishments, at 17 percent, were the next largest followed by restaurants and retailers with 5 percent.

Stocker Sales

Stocker trout sales totaled 8.89 million fish during September 1, 1994 through August 31, 1995, up 30 percent from the 6.85 million fish sold during the previous year. The total live weight pounds of stockers sold during 1995 was 2.83 million, down 4 percent from the 2.95 million pounds sold during 1994. The average value per pound was \$2.28 during 1995, unchanged from the 1994 price. The total value of stocker sales was \$6.46 million from September 1, 1994 through August 31, 1995, down 4 percent from the \$6.73 million in sales during the previous year. The major sales outlet for stocker trout was to fee and recreational fishing establishments with 45 percent of the total live weight sales, followed by 25 percent of sales to other producers and 14 percent to live haulers.

Fingerling Sales

Sales of fingerlings during September 1, 1994 through August 31, 1995 totaled 7.81 million trout compared with 6.69 million trout during the previous year. Total pounds sold was 175,000 pounds during 1995, compared with 195,000 pounds during 1994. The average value per pound was \$6.38 during the 1995 marketing year, compared with \$5.06 per pound in 1994. The total value of fingerling sales was \$1.12 million, up 13 percent from last year's \$986 thousand in sales.

Trout Egg Sales

Trout egg sales during September 1, 1994 through August 31, 1995 totaled 414 million eggs, up 12 percent from 370 million eggs sold during the previous year. The average value per 1,000 eggs during 1995 was \$13.35, up from \$12.76 during 1994. The total value of trout egg sales during 1995 was \$5.53 million, up 17 percent from the \$4.72 million in egg sales during the previous year.

Losses of Fish

Total losses of all trout was 39.1 million fish or 4.24 million pounds during September 1, 1994 through August 31, 1995. Of the total number lost, 81 percent were lost due to disease, followed by predators with 16 percent lost.

Trout: Number of Operations by State, September 1, 1994-95
 Total Sales by State, September 1,- August 31, 1994-95

State	Number of Operations		Total Sales 1/	
	Sep 1		Sep 1 - Aug 31	
	1994	1995	1994	1995
	Number		1,000 Dollars	
CA	18	19	4,586	5,511
CO	27	33	2,274	2,269
ID	35	33	30,174	33,197
MI	57	51	2,315	1,850
MO	12	12	1,564	2,015
NY	35	27	734	579
NC	65	56	4,438	6,464
OR	23	23	970	810
PA	38	36	5,417	5,147
UT	12	18	2,348	3,596
VA	59	38	2,203	2,199
WA	24	27	979	1,693
WI	45	48	1,269	1,950
Oth				
Sts 2/	16	13	1,104	1,044
Total	466	434	65,097	73,850

1/ Value of egg sales included only in total.

2/ Includes GA and TN.

Trout: Number, Weight, and Value of Foodsize, and State.
September 1,- August 31, 1994-95

State	Number Sold		Pounds Sold		Value of Sales		Average Value per Pound	
	1994	1995	1994	1995	1994	1995	1994	1995
	----- 1,000 -----				1,000 Dollars		-- Dollars --	
CA	2,305	2,242	2,302	2,388	4,177	4,949	1.81	2.07
CO	614	850	524	778	1,104	1,651	2.11	2.12
ID	46,000	45,000	40,000	40,000	30,000	32,600	.75	.82
MI	700	580	610	555	1,420	1,300	2.33	2.34
MO	556	789	570	725	1,226	1,560	2.15	2.15
NY	77	62	73	61	298	254	4.08	4.16
NC	2,938	4,672	3,019	4,859	3,827	5,726	1.27	1.18
OR	435	340	390	270	770	550	1.97	2.04
PA	1,441	1,375	1,485	1,378	3,742	3,205	2.52	2.33
UT	1,248	1,586	1,261	1,792	2,118	3,230	1.68	1.80
VA	1,100	1,097	992	979	1,971	1,946	1.99	1.99
WA	230	447	225	651	436	1,435	1.94	2.20
WI	361	518	283	484	817	1,508	2.89	3.12
Oth								
Sts 1/	264	459	341	508	753	835	2.21	1.64
Total	58,269	60,017	52,075	55,428	52,659	60,749	1.01	1.10

1/ Includes GA and TN.

Trout: Number, Weight, and Value of Stocker Sales, by State
September 1,- August 31, 1994-95

State	Number Sold		Pounds Sold		Value of Sales		Average Value per Pound	
	1994	1995	1994	1995	1994	1995	1994	1995
	----- 1,000 -----		----- 1,000 -----		1,000 Dollars		-- Dollars --	
CA	399	380	243	185	350	443	1.44	2.39
CO	1,015	723	486	257	1,076	560	2.21	2.18
ID	509	2,883	86	352	113	510	1.31	1.45
MI	680	520	300	150	670	350	2.23	2.33
MO	561	678	183	234	322	404	1.76	1.73
NY	206	130	87	61	389	281	4.47	4.61
NC	588	596	207	255	487	574	2.35	2.25
OR	290	340	90	130	170	230	1.89	1.77
PA	1,168	1,377	564	624	1,568	1,890	2.78	3.03
UT	233	285	135	179	227	346	1.68	1.93
VA	197	214	91	117	175	196	1.92	1.68
WA	459	316	186	67	433	186	2.33	2.78
WI	379	334	178	135	407	342	2.29	2.53
Oth	170	117	115	81	343	147	2.98	1.81
Sts 1/	6,854	8,893	2,951	2,827	6,730	6,459	2.28	2.28

1/ Includes GA and TN.

Trout: Number, Weight, and Value of Fingerling Sales by State,
September 1, - August 31, 1994-95

State	Number Sold		Pounds Sold		Value of Sales		Average Value per Pound	
	1994	1995	1994	1995	1994	1995	1994	1995
	----- 1,000 -----				1,000 Dollars		--- Dollars --	
CA	418	576	10	18	59	119	5.90	6.61
CO	621	334	17	11	94	58	5.53	5.27
ID	*	1,763	*	27	*	87	*	3.22
MI	740	700	32	18	225	200	7.03	11.11
NY	192	166	4	4	47	44	11.75	11.00
NC	1,638	2,165	27	29	124	164	4.59	5.66
OR	135	130	3	3	30	30	10.00	10.00
PA	423	269	19	8	107	52	5.63	6.50
UT	20	70	1	4	3	20	3.00	5.00
VA	319	293	11	10	57	57	5.18	5.70
WA	511	384	19	13	110	72	5.79	5.54
WI	142	342	7	9	45	100	6.43	11.11
Oth								
Sts 1/	1,529	613	45	21	85	113	1.89	5.38
Total	6,688	7,805	195	175	986	1,116	5.06	6.38

* Included in "Other States."

1/ GA, MO, and TN.

Trout: Number and Value of Egg Sales by Region,
September 1 - August 31, 1994-95 1/

Region 2/	Number Sold		Value of Sales		Average Value per 1,000			
	1994	1995	1994	1995	1994	1995		
	----- 1,000 -----				1,000 Dollars		---- Dollars ---	
N East	888	627	12	10	13.51	15.95		
So & Cent	614	573	12	11	19.54	19.20		
West	368,615	412,579	4,698	5,505	12.75	13.34		
Total	370,117	413,779	4,722	5,526	12.76	13.35		

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, 1994 - August 31, 1995

State	Live Haulers	Fee/rec Fishing	Other Producers	Govt.	Direct to Consumer	Processors	Rest & Retail	Other
Percent								
CA	13	84	3					
CO	29	60	5	2	3	1		
ID						99	1	
MI	15	50	*		5	*	*	*
MO	*	56	16	*	*	8	*	
NY	7	49	1	2	14	8	18	1
NC	6	1			2	80	11	
OR		17				83		
PA	2	50	*	*	2	*	5	
UT		5	4		9	59	2	21
VA	9	47	6		1	22	15	
WA	1	2		4	64	8	8	13
WI	7	12	5		15	3	55	3
Oth Sts 1/	2	23	9	3	5	26	11	4
Wt. Avg	3	17	2	0	3	68	5	2

* Included with "Other States."

1/ GA and TN.

Trout: Stockers Percent Sold by Outlet Type.
September 1, 1994 - August 31, 1995

State	Live Haulers	Fee/rec Fishing	Other Producers	Govt.	Other
Percent					
CA	2	89	1		8
CO	21	58	2	18	1
ID	1	59	38		2
MI	*	38	18	*	27
MO	*	21	40	*	
NY	7	52	11	5	25
NC	20	22	1	57	
OR		44	56		
PA	*	44	*	1	*
UT		70	22		8
VA	6	46	47	1	
WA	9	32	4	1	54
WI	25	18	52		5
Oth Sts 1/	19		32	17	4
Wt. Avg	14	45	25	9	7

* Included with "Other States."

1/ GA and TN.

Trout Lost: Number, Pounds, and Percent Lost by Cause,
September 1, 1994 - August 31, 1995

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	1,167	118	*	*	*	*	4	3	
CO	471	114	183	21	39	2	1		
ID	32,825	2,759	29,000	1,750	88	*	*	*	
MI	178	115	41	5	23	4	4	2	
MO	195	52	*	*	*	*	*	*	
NY	184	16	44	1	24				
NC	1,775	299	1,379	184	78	7	7		
OR	206	47	14	1	7	10	9	5	
PA	998	358	*	*	*	15	9	2	
UT	258	131				16	16	6	
VA	351	70	147	22	42	4	3	1	
WA	122	36	12	2	10	3	2	2	
WI	255	69	65	1	25	2	2	1	
Oth									
Sts 1/	71	59	630	43	34	12	14	1	
Total	39,056	4,243	31,515	2,030	81	79	70		

* Included with "other" losses.

1/ GA and TN.

Trout Lost: Number, Pounds, and Percent by Cause,
September 1, 1994 - August 31, 1995

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							*	*	*
CO	5	2	1	11	6	2	6	1	1
ID							*	*	*
MI	*	*	*	*	*	*			
MO	*	*	*				*	*	*
NY				93	6	51			
NC				60	27	3	216	60	12
OR				14	1	7	80	1	39
PA	*	*	*	13	6	1	*	*	*
UT	67	30	26	9	6	3	5	2	2
VA				3	2	1	121	17	34
WA							7	5	6
WI							26	1	10
Oth									
Sts 1/	48	28	3	11	20		151	85	8
Total	120	60		214	74	1	612	172	2

* Included with "other" losses.

1/ GA and TN.

Trout Lost: Number, Pounds, and Percent by Cause.
September 1, 1994 - August 31, 1995

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	219	60	46	45	23	10
ID	3,800	1,000	12	21	2	
MI	115	82	65	16	22	9
MO	58	27	30	8	1	4
NY	20	7	11	27	2	15
NC	23	8	1	90	13	5
OR	88	35	43			
PA	456	260	46	25	12	3
UT	109	31	42	52	46	20
VA	63	22	18	13	4	4
WA	47	17	39	53	10	43
WI	149	63	58	13	2	5
Oth						
Sts 1/	993	68	53	13	20	1
Total	6,140	1,680	16	376	157	1

* Included with "other" losses.

1/ GA and TN.

Trout Estimates

Survey Procedures: All known commercial trout producers in the 15 selected States were contacted between September 1 and September 18, 1995. 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 1996.

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