

Trout Production



USDA
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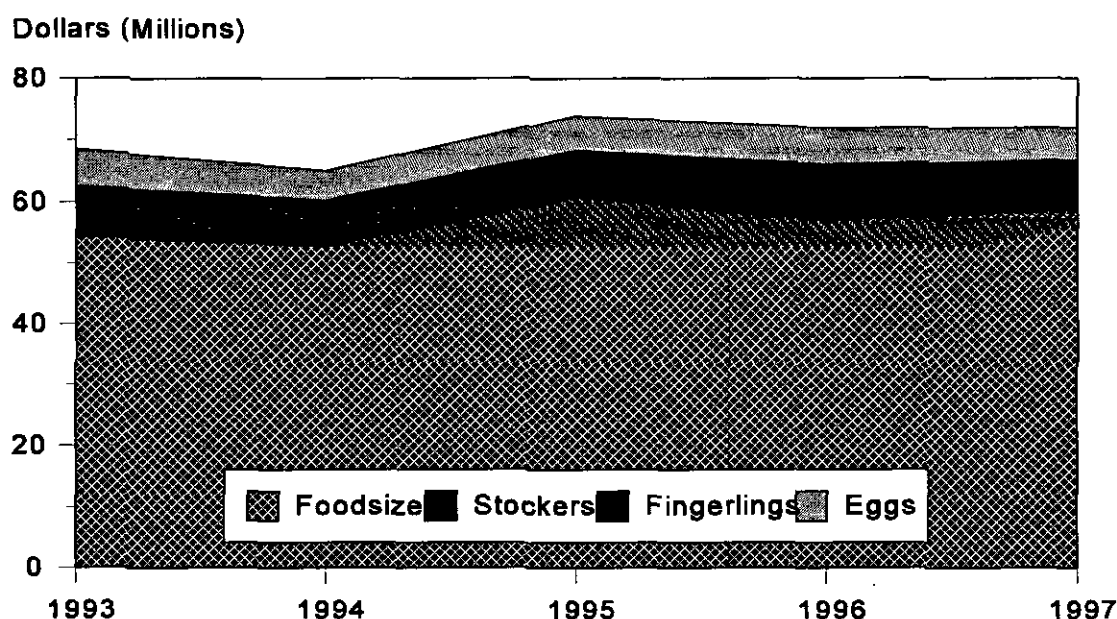
Note: Data for September 1996-August 1997 includes the addition of CT, MA and WV. The Data for these States were not available for 1996.

Trout Sales up Fractionally in 15 Selected States

Total value of all sales, including eggs, received by trout growers in the 15 selected States totaled \$72.1 million during the 12 month period from September 1, 1996 through August 31, 1997. This was up fractionally from the \$72.0 million in sales during the same period a year ago. Growers in the 15 States sold a total of 59.5 million pounds of trout valued at \$66.9 million this year compared to 57.4 million pounds of trout valued at \$66.1 a year ago.

Total value of all sales, including eggs, received by trout growers in the 18 selected States totaled \$77.6 million during the 12 month period from September 1, 1996 through August 31, 1997. Growers sold a total of 61.0 million pounds of trout valued at \$72.4 million this year. The 18 States includes the addition of CT, MA and WV for which data were not available last year.

Trout Sales September 1 - August 31 15 Selected States



Foodsize Sales

Number of foodsize trout sold by the 15 selected states during September 1, 1996 through August 31, 1997 totaled 58.6 million fish, up 4 percent from the previous year. Total live weight sales, at 56.2 million, pounds was up 5 percent from the previous year. The value of sales for the 1997 marketing year was \$58.8 million, up 3 percent from the \$57.0 million of foodsize sales during the 1996 marketing year. The average value per pound was \$1.04 during 1997, down from the \$1.06 per pound during 1996.

Number of foodsize trout sold by the 18 selected states during September 1, 1996 through August 31, 1997 totaled 59.0 million fish. Total live weight sales were 56.7 million pounds. The value of sales was \$60.2 million. The average value per pound was \$1.06. The major outlet for foodsize trout sales was to processors with 63 percent of total live weight sales. Fee and recreational fishing establishments, at 23 percent, were the next largest followed by restaurants and retailers with 7 percent.

Stocker Sales

Number of stocker trout sold by the 15 selected states was 7.51 million fish during September 1, 1996 through August 31, 1997, down fractionally from the 7.58 million fish sold during the previous year. The total live weight pounds of stockers sold during 1997 was 3.06 million, down 12 percent from the 3.48 million pounds sold during 1996. The average value per pound was \$2.29 during 1997, up \$.16 from the 1996 price. The total value of stocker sales was \$7.00 million from September 1, 1996 through August 31, 1997, down 6 percent from the \$7.42 million in sales during the previous year.

Number of stocker trout sold by the 18 selected states was 9.52 million fish during September 1, 1996 through August 31, 1997. The total live weight pounds of stockers sold was 4.17 million. The average value per pound was \$2.64. The total value of stocker sales was \$11.0 million. The major sales outlet for stocker trout was to fee and recreational fishing establishments with 46 percent of the total live weight sales, followed by the government with 34 percent.

Fingerling Sales

Number of fingerlings sold by the 15 selected states during September 1, 1996 through August 31, 1997 totaled 7.87 million trout compared with 9.67 million trout during the previous year. Total pounds sold was 158 thousand pounds during 1997, compared with 288 thousand pounds during 1996. The average value per pound was \$6.90 during the 1997 marketing year, compared with \$5.80 per pound in 1996. The total value of fingerling sales was \$1.09 million, down 35 percent from last year's \$1.67 million in sales.

Number of fingerlings sold by the 18 selected states during September 1, 1996 through August 31, 1997 totaled 8.05 million trout. Total pounds sold was 166 thousand pounds. The average value per pound was \$6.86. The total value of fingerling sales was \$1.14 million.

Trout Egg Sales

Trout egg sales in the 15 selected states during September 1, 1996 through August 31, 1997 totaled 358 million eggs, down 21 percent from the 452 million eggs sold during the previous year. The average value per 1,000 eggs during 1997 was \$14.57, up from \$13.14 during 1996. The total value of trout egg sales during 1997 was \$5.22 million, down 12 percent from the \$5.94 million in egg sales during the previous year.

Trout egg sales in the 18 selected states during September 1, 1996 through August 31, 1997 totaled 358 million eggs. The average value per 1,000 eggs was \$14.58. The total value of trout egg sales was \$5.22 million.

Losses of Fish

Total losses of all trout was 28.9 million fish or 6.79 million pounds during September 1, 1996 through August 31, 1997. Of the total number lost, 74 percent were lost due to disease, followed by predators with 19 percent lost.

Trout: Number of Operations by State, September 1, 1996-97
 Total Sales by State, September 1, - August 31, 1996-97 1/

State	Number of Operations		Total Sales	
	Sep 1		Sep 1 - Aug 31	
	1996	1997	1996	1997
	----- Number -----		----- 1,000 Dollars -----	
CA	15	21	4,882	6,040
CO	36	32	2,420	2,716
CT		9		*
ID	33	33	32,316	31,732
MA		15		*
MI	45	41	2,055	1,485
MO	10	13	2,070	2,003
NY	29	28	1,015	804
NC	58	54	7,137	6,199
OR	19	25	625	1,205
PA	41	38	5,219	5,972
TN	*	*	*	484
UT	18	17	2,489	2,325
VA	33	29	2,222	2,221
WA	27	23	847	1,203
WV		24		588
WI	47	46	1,821	1,668
Oth				
Sts 2/	17	16	941	5,710
Total 3/	428	464	71,998	77,576

* Included with "Other States" number of operations and sales.

1/ Data for CT, MA, and WV not available for 1996.

2/ Includes GA plus states with asterisk.

3/ Value of egg sales included only in total.

Trout: Number, Weight, and Value of Foodsize, and State,
September 1,- August 31, 1996-97 1/

State	Number		Pounds		Value		Average Value	
	Sold		Sold		of Sales		per Pound	
	1996	1997	1996	1997	1996	1997	1996	1997
	----- 1,000 -----				1,000 Dollars		-- Dollars --	
CA	2,033	2,150	2,284	2,550	4,248	5,030	1.86	1.97
CO	520	519	543	538	1,315	1,748	2.42	3.25
ID	43,000	45,000	40,000	42,000	32,000	31,500	.80	.75
MI	605	550	570	540	1,330	1,255	2.33	2.32
MO	989	833	728	674	1,707	1,420	2.34	2.11
NY	110	82	99	76	378	290	3.82	3.82
NC	4,051	4,541	4,308	4,452	5,009	5,337	1.16	1.20
OR	225	307	217	301	475	677	2.19	2.25
PA	1,495	1,680	1,553	1,834	3,739	4,557	2.41	2.48
TN	*	169	*	193	*	410	*	2.12
UT	1,144	556	1,205	871	2,077	1,816	1.72	2.08
VA	965	993	935	991	1,862	2,008	1.99	2.03
WA	278	256	240	332	484	632	2.02	1.90
WV		250		236		449		1.90
WI	579	506	493	457	1,564	1,317	3.17	2.88
Oth								
Sts 2/	538	586	445	665	780	1,766	1.75	2.66
Total	56,532	58,978	53,620	56,710	56,968	60,212	1.06	1.06

* Included in "Other States."

1/ Data for CT, MA, and WV not available for 1996.

2/ Includes CT, GA and MA.

Trout: Number, Weight, and Value of Stocker Sales, by State
September 1, - August 31, 1996-97 1/

State	Number Sold		Pounds Sold		Value of Sales		Average Value per Pound	
	1996	1997	1996	1997	1996	1997	1996	1997
	----- 1,000 -----		----- 1,000 -----		1,000 Dollars		-- Dollars --	
CA	502	750	286	460	559	910	1.95	1.98
CO	806	791	433	396	1,021	884	2.36	2.23
ID	700	*	155	*	232	*	1.50	*
MI	620	220	240	75	525	160	2.19	2.13
MO	555	891	196	320	316	521	1.61	1.63
NY	262	221	130	101	591	450	4.55	4.46
NC	1,530	601	845	250	1,376	633	1.63	2.53
OR	145	505	38	170	100	486	2.63	2.86
PA	1,126	1,117	506	408	1,401	1,259	2.77	3.09
UT	336	543	231	279	402	487	1.74	1.75
VA	233	*	149	*	284	*	1.91	*
WA	473	827	122	244	281	457	2.30	1.87
WV		110		71		127		1.79
WI	211	325	96	133	225	336	2.34	2.53
Oth								
Sts 2/	83	2,616	52	1,258	108	4,295	2.08	3.41
Total	7,582	9,517	3,479	4,165	7,421	11,005	2.13	2.64

* Included in "Other States."

1/ Data for CT, MA, and WV not available for 1996.

2/ Includes CT, GA, MA and TN.

Trout: Number, Weight, and Value of Fingerling Sales by State,
September 1,- August 31, 1996-97 1/

State	Number Sold		Pounds Sold		Value of Sales		Average Value per Pound	
	1996	1997	1996	1997	1996	1997	1996	1997
	----- 1,000 -----		----- 1,000 -----		1,000 Dollars		--- Dollars ---	
CA	374	450	4	6	75	100	18.75	16.67
CO	360	220	13	6	84	84	6.46	14.00
MI	700	485	18	13	200	70	11.11	5.38
MO	*	239	*	19	*	62	*	3.26
NY	174	242	4	6	46	64	11.50	10.67
NC	3,279	2,670	113	31	752	229	6.65	7.39
OR	310	268	3	3	50	42	16.67	14.00
PA	582	429	15	22	79	156	5.27	7.09
UT	31	73	2	4	10	22	5.00	5.50
WA	331	1,467	10	18	82	114	8.20	6.33
WV		79		5		12		2.40
WI	315	302	8	7	32	15	4.00	2.14
Oth								
Sts 2/	3,210	1,123	98	26	260	168	2.65	6.46
Total	9,666	8,047	288	166	1,670	1,138	5.80	6.86

* Included in "Other States."

1/ Data for CT, MA, and WV not available for 1996.

2/ Includes CT, GA, ID, MA, TN and VA.

Trout: Number and Value of Egg Sales by Region,
September 1 - August 31, 1996-97 1/ 2/

Region 3/	Number Sold		Value of Sales		Average Value per 1,000	
	1996	1997	1996	1997	1996	1997
	----- 1,000 -----		----- 1,000 -----		1,000 Dollars	
N East	562	673	10	14	17.79	20.80
So & Cent	425	308	6	6	14.12	19.48
West	450,961	357,217	5,923	5,201	13.13	14.56
Total	451,948	358,198	5,939	5,221	13.14	14.58

1/ Data for CT, MA, and WV not available for 1996.

2/ Data published at the regional level to avoid disclosure of individual operations.

3/ Regions are defined as follows - N East: CT, MA, PA and NY;
SO & Cent: GA, MI, MO, NC, TN, VA, WV, and WI; West: CA, CO, ID, OR,
UT, and WA.

Trout: Foodsize Percent Sold by Outlet Type,
September 1, 1996 - August 31, 1997

State	: Live	: Fee/rec	: Other	: ,	: Direct	:	:	:
	:Haulers	:Fishing	: cers	:	: to	: Proc-	: Rest &	: Other
					:Consumer:	: essors	: Retail	:
	Percent							
CA	: 1	99						
CO	:	94	2	2	1		1	
ID	:	1				98	1	
MI	: 16	43	8		3	10	12	8
MO	: *	51	17	*	*	*	*	*
NY	: 1	29			35		21	14
NC	: 10	2	3		1	69	15	
OR	:	28	13	2		57		
PA	: *	49	9	*	2	6	31	
TN	: *	46	*	*	*	*	*	*
UT	:	26	3		2	63	6	
VA	: *	42	16	*	*	15	22	*
WA	: 21	41	13	4			1	20
WV	: 3	23		*	8	60	*	*
WI	: 8	22	11	1	8	4	33	13
Oth	:							
Sts 1/	: 9	29	5	7	4	29	15	2
Wt. Avg	: 2	23	3		1	63	7	1

* Included with "Other States."
1/ Includes CT, GA and MA.

Trout: Stockers Percent Sold by Outlet Type,
September 1, 1996 - August 31, 1997

State	: Live	: Fee/rec	: Other	:	: Govt.	:	: Other
	: Haulers	: Fishing	: Producers	:		:	
	Percent						
CA	: 11	88					1
CO	: 1	79	5		15		
ID	: *	72	*				*
MI	: 34	37	17				12
MO	: 12	28	*		*		*
NY	: 15	35	7		8		35
NC	: 7	54	7		32		
OR	:	59	41				
PA	: 5	83	8		4		
UT	: 6	18	76				
VA	: *	46	44		*		*
WA	: 27	50	2		1		20
WV	: *	94	*				*
WI	: 31	47	16				6
Oth	:						
Sts 1/	: 1	15	7		77		
Wt. Avg	: 6	46	11		34		3

* Included with "Other States."
1/ Includes CT, GA, MA and TN.

Trout Lost: Number, Pounds, and Percent Lost by Cause,
September 1, 1996 - August 31, 1997

State	Total			Disease			Theft		
	Number	Pounds		Number	Pounds	Pct. of	Number	Pounds	Pct. of
	Lost	Lost		Lost	Lost	Tot. No.	Lost	Lost	Tot. No.
	1,000			Percent			1,000		Percent
CA	526	262		90	55	17	5	22	1
CO	345	77		128	6	37	2	2	1
ID	24,352	5,120		20,000	3,650	82			
MI	233	54		63	5	27	86	7	37
MO	231	55		*	*	*	10	7	4
NY	97	14		25	1	26	*	*	*
NC	510	315		306	197	60	6	6	1
OR	149	29					2	1	1
PA	897	362		*	*	*	*	*	*
UT	249	97					36	22	14
VA	324	66		150	15	46	3	3	1
WA	145	28		31	1	22	2	1	1
WV	280	79		49	18	18	*	*	*
WI	273	133		35	4	13	3	1	1
Oth									
Sts 1/	245	99		474	295	32	132	35	9
Total	28,856	6,790		21,351	4,247	74	287	107	1

* Included with "Other States" losses.

1/ Includes CT, GA, MA and TN.

Trout Lost: Number, Pounds, and Percent by Cause,
September 1, 1996 - August 31, 1997

State	Chemicals			Drought			Flood		
	Number	Pounds	Pct. of	Number	Pounds	Pct. of	Number	Pounds	Pct. of
	Lost	Lost	Tot. No.	Lost	Lost	Tot. No.	Lost	Lost	Tot. No.
	1,000		Percent	1,000		Percent	1,000		Percent
CA				6	10	1	135	65	26
CO							27	13	8
MI							5	5	2
NY	*	*	*	10	2	10	5	1	5
NC				105	48	21	12	13	2
OR				4	2	3	20	1	13
PA	*	*	*	7	2	1	*	*	*
UT	45	20	18				8	3	3
WA							71	11	49
WI							2	1	1
Oth									
Sts 1/	29	2	2	66	27	4	228	56	15
Total	74	22		198	91	1	513	169	2

* Included with "Other States" losses.

1/ Includes CT, GA, ID, MA, MO, TN, VA and WV.

Trout Lost: Number, Pounds, and Percent by Cause,
September 1, 1996 - August 31, 1997

State	Predators			Other		
	Number Lost	Pounds Lost	Pct. of Tot. No.	Number Lost	Pounds Lost	Pct. of Tot. No.
	----- 1,000 -----		Percent	----- 1,000 -----		Percent
CA	115	85	22	175	25	33
CO	187	54	54	1	2	
ID	4,200	1,450	17	*	*	*
MI	78	36	34	1	1	
MO	91	26	39	*	*	*
NY	26	6	27	28	3	29
NC	33	11	7	48	40	9
OR	84	19	56	39	6	26
PA	250	83	28	*	*	*
UT	133	43	53	27	9	11
VA	37	20	11	*	*	*
WA	29	10	20	12	5	8
WV	23	12	8	*	*	*
WI	205	125	75	28	2	10
Oth						
Sts 1/	67	27	4	516	54	34
Total	5,558	2,007	19	875	147	3

* Included with "Other States" losses.

1/ Includes CT, GA, MA, and TN.

Trout Estimates

Survey Procedures: Over 650 commercial trout producers in the 18 selected States were contacted between September 1 and September 18, 1997. Prior to the survey period, a list of all commercial operations was created in each of the 18 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 1998.

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*USDA to Hold Data Users Meeting
Holiday Inn Mart Plaza
Chicago, Illinois
October 20, 1997*

The National Agricultural Statistics Service will be organizing an open forum for Data Users. The purpose will be to provide updates on pending changes in the USDA statistical and information programs including the status of the 1997 Census of Agriculture, and to seek comments and input from data users. Other agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board.

For registration details, see the NASS home page <http://www.usda.gov/nass/> or contact Fred Vogel (NASS) (202) 720-3896 or fvogel@nass.usda.gov