

## CHAPTER I

### STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

**Table 1-1.—Total grain: Supply and disappearance, United States, 1986–95<sup>1</sup>**

Year <sup>2</sup>	Supply				Disappearance			Ending stocks
	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Total disappearance	
	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>
1986 .....	182.3	315.1	1.5	498.8	217.5	76.9	294.3	204.5
1987 .....	204.5	280.2	1.7	486.4	218.0	98.6	316.6	169.9
1988 .....	169.9	206.3	2.2	378.3	188.2	103.6	291.8	86.5
1989 .....	86.5	284.0	2.3	372.7	204.5	106.7	311.3	61.4
1990 .....	61.4	312.1	2.8	376.3	220.0	83.8	303.8	72.5
1991 .....	72.5	279.7	3.8	356.0	220.2	87.6	307.9	48.2
1992 .....	48.2	352.7	3.6	404.5	233.7	91.5	325.2	79.3
1993 .....	79.3	258.8	7.3	345.4	224.2	77.2	301.4	44.0
1994 .....	44.0	357.0	6.2	407.3	247.4	99.3	346.7	60.6
1995 <sup>3</sup> .....	60.6	276.7	5.0	342.2	215.9	100.5	316.4	25.8

<sup>1</sup> Aggregate data on corn, sorghum, barley, oats, wheat, rye, and rice. <sup>2</sup> The marketing year for corn and sorghum begins September 1; for oats, barley, wheat, and rye, June 1; and for rice, August 1. <sup>3</sup> Preliminary. Totals may not add due to independent rounding.

ERS, Commercial Agriculture Division, (202) 219-0704.

**Table 1-2.—Wheat: Area, yield, production, and value, United States, 1987–96**

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1987 .....	65,829	55,945	37.7	2,107,685	2.57	5,497,712
1988 .....	65,529	53,189	34.1	1,812,201	3.72	6,683,999
1989 .....	76,615	62,189	32.7	2,036,618	3.72	7,542,464
1990 .....	77,041	69,103	39.5	2,729,778	2.61	7,166,888
1991 .....	69,881	57,803	34.3	1,980,139	3.00	5,954,912
1992 .....	72,219	62,761	39.3	2,466,798	3.24	8,009,711
1993 .....	72,168	62,712	38.2	2,396,440	3.26	7,647,527
1994 .....	70,349	61,770	37.6	2,320,981	3.45	7,968,237
1995 .....	69,132	60,945	35.8	2,182,591	4.55	9,787,213
1996 .....	75,639	62,850	36.3	2,281,763	4.30	9,763,670

<sup>1</sup> Includes area seeded in preceding fall for winter wheat. <sup>2</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

NASS, Crops Branch, (202) 720-2127.

**Table 1-3.—Wheat, by kinds: Area, yield, production, and value, United States, 1987–96**

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested				
Winter wheat						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1987 .....	48,806	39,332	39.8	1,565,381	2.49	3,962,170
1988 .....	48,800	39,800	39.2	1,561,910	3.65	5,684,359
1989 .....	55,091	41,509	35.0	1,454,642	3.78	5,450,176
1990 .....	56,748	49,721	40.7	2,024,224	2.62	5,376,551
1991 .....	51,024	39,506	34.7	1,371,617	2.92	4,009,797
1992 .....	50,922	42,123	38.2	1,609,284	3.24	5,226,189
1993 .....	51,587	43,811	40.2	1,760,143	3.03	5,287,607
1994 .....	49,197	41,355	40.2	1,661,943	3.37	5,578,351
1995 .....	48,686	40,972	37.7	1,544,653	4.41	6,717,800
1996 .....	51,983	39,709	37.2	1,478,048	4.30	6,383,010
Durum wheat						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1987 .....	3,341	3,279	28.2	92,617	3.18	312,553
1988 .....	3,336	2,847	15.7	44,831	4.70	203,923
1989 .....	3,791	3,673	25.1	92,229	3.46	316,838
1990 .....	3,570	3,507	34.9	122,430	2.63	318,922
1991 .....	3,253	3,197	32.5	103,957	2.82	300,621
1992 .....	2,547	2,519	39.7	99,906	3.05	306,498
1993 .....	2,241	2,100	33.6	70,476	4.48	324,049
1994 .....	2,823	2,715	35.6	96,747	4.62	449,041
1995 .....	3,436	3,356	30.5	102,280	5.65	567,541
1996 .....	3,620	3,546	32.7	115,840	4.45	525,684
Other spring wheat <sup>3</sup>						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1987 .....	13,682	13,334	33.7	449,687	2.62	1,222,989
1988 .....	13,393	10,542	19.5	205,460	3.77	795,717
1989 .....	17,733	17,007	28.8	489,747	3.61	1,775,450
1990 .....	16,723	15,875	36.7	583,124	2.58	1,471,415
1991 .....	15,604	15,100	33.4	504,565	3.15	1,644,494
1992 .....	18,750	18,119	41.8	757,608	3.29	2,477,024
1993 .....	18,340	16,801	33.7	565,821	3.58	2,035,871
1994 .....	18,329	17,700	31.8	562,291	3.42	1,940,845
1995 .....	17,010	16,617	32.2	535,658	4.59	2,501,872
1996 .....	20,036	19,595	35.1	687,875	4.25	2,854,976

<sup>1</sup> Seeded in preceding fall for winter wheat. <sup>2</sup> Obtained by weighting State prices by quantity sold. <sup>3</sup> Includes small quantities of durum wheat grown in other States.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-4.—Wheat: Stocks on and off farms, United States, 1987–96**

Year beginning September	All wheat							
	On farms				Off farms <sup>1</sup>			
	Sept. 1	Dec. 1	Mar. 1	Jun. 1	Sept. 1	Dec. 1	Mar. 1	Jun. 1
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1987 .....	1,156,000	966,000	748,000	525,000	1,820,462	1,534,286	1,175,536	735,844
1988 .....	798,000	620,000	463,000	289,000	1,455,552	1,095,902	764,711	412,626
1989 .....	832,000	592,000	376,000	212,500	1,086,046	830,490	567,109	323,955
1990 .....	1,000,000	763,200	532,920	341,210	1,411,088	1,146,734	864,761	526,924
1991 .....	840,000	566,800	277,550	144,605	1,214,736	881,000	614,425	330,416
1992 .....	990,400	672,000	378,000	183,820	1,130,165	919,735	670,291	346,832
1993 .....	987,000	653,100	363,200	175,255	1,145,607	932,634	664,787	393,229
1994 .....	859,880	570,550	335,250	163,410	1,209,694	920,554	633,823	343,175
1995 .....	743,600	477,000	220,550	74,610	1,137,499	861,267	602,914	301,410
1996 .....	824,500	584,150	N.A.	N.A.	899,696	635,244	N.A.	N.A.

Year beginning September	Durum wheat							
	On farms				Off farms <sup>1</sup>			
	Sept. 1	Dec. 1	Mar. 1	Jun. 1	Sept. 1	Dec. 1	Mar. 1	Jun. 1
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1987 .....	94,100	76,850	64,024	53,331	52,452	43,639	40,657	29,429
1988 .....	56,040	49,615	43,635	34,201	50,630	40,928	34,808	25,813
1989 .....	79,150	61,827	46,898	30,836	42,431	38,361	31,545	19,385
1990 .....	100,050	86,315	58,759	43,353	31,330	25,811	23,679	18,862
1991 .....	94,160	77,460	56,279	35,700	33,897	24,139	23,046	19,162
1992 .....	92,490	77,190	53,615	33,022	20,905	25,456	24,876	15,965
1993 .....	83,950	50,500	21,645	11,022	20,918	26,398	19,853	16,836
1994 .....	74,220	44,428	26,060	12,240	17,526	21,113	16,675	13,752
1995 .....	72,560	47,220	27,250	12,470	24,655	23,886	21,381	13,275
1996 .....	79,700	66,100	N.A.	N.A.	22,687	20,011	N.A.	N.A.

<sup>1</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. N.A. = Not available.

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**Table 1-5.—Wheat: Supply and disappearance, United States, 1986–95**

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Beginning stocks	Production	Imports <sup>1</sup>	Total	Domestic use				Exports <sup>1</sup>	Total disappearance		
					Food	Seed	Feed <sup>2</sup>	Total				
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	
1986 .....	1,905	2,091	21	4,017	712	84	401	1,197	999	2,196	1,821	
1987 .....	1,821	2,108	16	3,945	721	85	290	1,096	1,588	2,684	1,261	
1988 .....	1,261	1,812	23	3,096	726	103	150	979	1,415	2,394	702	
1989 .....	702	2,037	22	2,761	749	104	139	992	1,232	2,224	536	
1990 .....	536	2,730	36	3,303	790	93	482	1,365	1,069	2,435	868	
1991 .....	868	1,980	41	2,889	789	98	244	1,132	1,282	2,414	475	
1992 .....	475	2,467	70	3,012	835	99	194	1,128	1,354	2,481	531	
1993 .....	531	2,396	109	3,036	872	96	272	1,240	1,228	2,467	568	
1994 .....	568	2,321	92	2,981	853	89	344	1,287	1,188	2,475	507	
1995 <sup>3</sup> .....	507	2,183	68	2,757	884	104	152	1,140	1,241	2,381	376	

<sup>1</sup> Imports and exports include flour and other products expressed in wheat equivalent. <sup>2</sup> Residual, approximates feed use and includes negligible quantities used for distilled spirits. <sup>3</sup> Preliminary. Totals may not add due to independent rounding.

ERS, Commercial Agriculture Division, (202) 219-0704.

**Table 1-6.—Wheat: Supply and disappearance, by class, United States, 1991–94<sup>1</sup>**

Item	Year beginning June				Item	Year beginning June			
	1991	1992	1993	1994		1991	1992	1993	1994
	Million bushels	Million bushels	Million bushels	Million bushels		Million bushels	Million bushels	Million bushels	Million bushels
All wheat:					Hard red spring:				
Stocks, June 1 .....	868	475	531	568	Stocks, June 1 .....	279	131	171	201
Production .....	1,980	2,467	2,396	2,321	Production .....	431	707	512	515
Supply <sup>2</sup> .....	2,889	3,012	3,036	2,981	Supply <sup>2</sup> .....	726	873	749	767
Exports <sup>3</sup> .....	1,282	1,354	1,228	1,188	Exports <sup>3</sup> .....	380	438	266	292
Domestic disappearance .....	1,132	1,128	1,240	1,287	Domestic disappearance .....	215	264	282	282
Stocks, May 31	475	531	568	507	Stocks, May 31	131	171	201	193
Hard red winter:					Durum:				
Stocks, June 1 .....	360	194	204	227	Stocks, June 1 .....	62	55	49	28
Production .....	901	967	1,066	971	Production .....	104	100	70	97
Supply <sup>2</sup> .....	1,261	1,162	1,273	1,202	Supply <sup>2</sup> .....	186	180	150	147
Exports <sup>3</sup> .....	559	464	486	422	Exports <sup>3</sup> .....	45	47	54	40
Domestic disappearance .....	507	494	560	586	Domestic disappearance .....	86	85	68	81
Stocks, May 31	194	204	227	194	Stocks, May 31	55	49	28	26
Soft red winter:					White:				
Stocks, June 1 .....	80	41	43	45	Stocks, June 1 .....	87	54	64	67
Production .....	325	427	401	434	Production .....	219	266	347	304
Supply <sup>2</sup> .....	405	468	444	480	Supply <sup>2</sup> .....	311	329	420	386
Exports <sup>3</sup> .....	105	210	173	212	Exports <sup>3</sup> .....	193	195	249	222
Domestic disappearance .....	259	215	226	231	Domestic disappearance .....	65	70	104	107
Stocks, May 31	41	43	45	37	Stocks, May 31	54	64	67	57

<sup>1</sup> Data except production are approximations. <sup>2</sup> Total supply includes imports. <sup>3</sup> Imports and exports include flour and products in wheat equivalent.

ERS, Commercial Agriculture Division, (202) 219-0704.

**Table 1-7.—Wheat: Area, yield, and production, by States, 1994–96**

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL .....	140	120	110	95	80	80	48.0	36.0	44.0	4,560	2,880	3,520
AZ .....	125	125	180	122	122	178	91.7	84.9	90.4	11,186	10,354	16,090
AR .....	980	1,100	1,300	880	1,000	1,240	46.0	47.0	54.0	40,480	47,000	66,960
CA .....	650	650	780	569	493	688	78.0	66.4	75.2	44,365	32,725	51,750
CO .....	2,945	2,940	3,070	2,592	2,738	2,268	30.8	38.4	33.3	79,734	105,260	75,500
DE .....	75	70	80	70	68	78	54.0	64.0	53.0	3,780	4,352	4,134
FL .....	25	20	13	15	12	10	42.0	32.0	38.0	630	384	380
GA .....	440	350	400	400	300	350	51.0	38.0	48.0	20,400	11,400	16,800
ID .....	1,490	1,410	1,620	1,410	1,330	1,560	71.1	77.7	76.4	100,280	103,320	119,200
IL .....	1,150	1,480	1,650	900	1,390	1,100	56.0	49.0	38.0	50,400	68,110	41,800
IN .....	680	700	850	630	660	720	61.0	60.0	38.0	38,430	39,600	27,360
IA .....	55	50	60	45	35	45	47.0	35.0	35.0	2,115	1,225	1,575
KS .....	11,900	11,700	11,800	11,400	11,000	8,800	38.0	26.0	29.0	433,200	286,000	255,200
KY .....	590	650	700	420	460	530	60.0	53.0	53.0	25,200	24,380	28,090
LA .....	100	100	140	70	80	130	37.0	36.0	43.0	2,590	2,880	5,590
MD .....	230	230	235	220	225	227	55.0	64.0	52.0	12,100	14,400	11,804
MI .....	600	630	700	580	620	630	53.0	60.0	38.0	30,740	37,200	23,940
MN .....	2,653	2,298	2,595	2,548	2,245	2,442	28.0	32.0	41.9	71,348	71,849	102,382
MS .....	180	180	245	160	165	230	40.0	38.0	49.0	6,400	6,270	11,270
MO .....	1,250	1,350	1,600	1,120	1,230	1,250	45.0	39.0	39.0	50,400	47,970	48,750
MT .....	5,580	5,720	6,630	5,378	5,435	6,350	31.7	36.0	27.8	170,590	195,750	176,710
NE .....	2,200	2,150	2,300	2,100	2,100	2,100	34.0	41.0	35.0	71,400	86,100	73,500
NV .....	12	12	21	9	10	19	74.4	85.0	86.8	670	850	1,650
NJ .....	45	36	46	32	32	38	42.0	57.0	46.0	1,344	1,824	1,748
NM .....	470	460	470	230	150	110	24.0	22.0	37.0	5,520	3,300	4,070
NY .....	120	130	160	115	125	150	53.0	55.0	43.0	6,095	6,875	6,450
NC .....	670	720	630	620	640	590	49.0	44.0	44.0	30,380	28,160	25,960
ND .....	11,590	11,290	12,680	11,238	11,118	12,515	31.7	27.0	31.6	356,404	300,300	395,130
OH .....	1,200	1,230	1,400	1,180	1,210	1,330	58.0	61.0	39.0	68,440	73,810	51,870
OK .....	7,000	6,900	7,000	5,300	5,200	4,900	27.0	21.0	19.0	143,100	109,200	93,100
OR .....	965	980	990	928	904	955	63.1	66.9	70.8	58,580	60,438	67,605
PA .....	170	190	195	165	185	190	48.0	55.0	48.0	7,920	10,175	9,120
SC .....	370	300	280	360	280	270	50.0	32.0	45.0	18,000	8,960	12,150
SD .....	3,675	2,883	4,325	3,353	2,752	3,854	28.4	33.0	36.1	95,278	90,736	139,270
TN .....	500	600	620	300	340	400	50.0	47.0	44.0	15,000	15,980	17,600
TX .....	6,000	5,800	6,000	2,900	2,800	2,900	26.0	27.0	26.0	75,400	75,600	75,400
UT .....	194	173	205	172	166	188	40.8	53.9	41.3	7,012	8,950	7,760
VA .....	280	300	300	250	275	275	56.0	64.0	53.0	14,000	17,600	14,575
WA .....	2,650	2,700	2,800	2,545	2,595	2,745	52.7	59.3	66.5	134,000	153,770	182,670
WV .....	15	15	14	10	12	11	55.0	52.0	45.0	550	624	495
WI .....	155	155	157	139	143	135	57.1	56.4	42.4	7,940	8,070	5,725
WY .....	230	235	288	200	220	269	25.1	36.2	26.4	5,020	7,960	7,110
US .....	70,349	69,132	75,639	61,770	60,945	62,850	37.6	35.8	36.3	2,320,981	2,182,591	2,281,763

<sup>1</sup>Includes area seeded in preceding fall for winter wheat.  
NASS, Crops Branch, (202) 720-2127.

Table 1-8.—Wheat, by kinds: Area, yield, and production, by States, 1994–96

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
Winter wheat												
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
AL .....	140	120	110	95	80	80	48.0	36.0	44.0	4,560	2,880	3,520
AZ .....	30	25	15	28	23	14	94.0	80.0	95.0	2,632	1,840	1,330
AR .....	980	1,100	1,300	880	1,000	1,240	46.0	47.0	54.0	40,480	47,000	66,960
CA .....	590	580	640	510	425	550	76.0	61.0	69.0	38,760	25,925	37,950
CO .....	2,900	2,900	3,000	2,550	2,700	2,200	30.0	38.0	32.0	76,500	102,600	70,400
DE .....	75	70	80	70	68	78	54.0	64.0	53.0	3,780	4,352	4,134
FL .....	25	20	13	15	12	10	42.0	32.0	38.0	630	384	380
GA .....	440	350	400	400	300	350	51.0	38.0	48.0	20,400	11,400	16,800
ID .....	840	830	900	790	770	860	72.0	78.0	80.0	56,880	58,520	68,800
IL .....	1,150	1,480	1,650	900	1,390	1,100	56.0	49.0	38.0	50,400	68,110	41,800
IN .....	680	700	850	630	660	720	61.0	60.0	38.0	38,430	39,600	27,360
IA .....	55	50	60	45	35	45	47.0	35.0	35.0	2,115	1,225	1,575
KS .....	11,900	11,700	11,800	11,400	11,000	8,800	38.0	26.0	29.0	433,200	286,000	255,200
KY .....	590	650	700	420	460	530	60.0	53.0	53.0	25,200	24,380	28,090
LA .....	100	100	140	70	80	130	37.0	36.0	43.0	2,590	2,880	5,590
MD .....	230	230	235	220	225	227	55.0	64.0	52.0	12,100	14,400	11,804
MI .....	600	630	700	580	620	630	53.0	60.0	38.0	30,740	37,200	23,940
MN .....	40	35	35	37	33	32	29.0	33.0	36.0	1,073	1,089	1,152
MS .....	180	180	245	160	165	230	40.0	38.0	49.0	6,400	6,270	11,270
MO .....	1,250	1,350	1,600	1,120	1,230	1,250	45.0	39.0	39.0	50,400	47,970	48,750
MT .....	1,950	1,500	2,150	1,850	1,370	1,980	35.0	40.0	32.0	64,750	54,800	63,360
NE .....	2,200	2,150	2,300	2,100	2,100	2,100	34.0	41.0	35.0	71,400	86,100	73,500
NV .....	7	5	10	5	4	9	90.0	100.0	100.0	450	400	900
NJ .....	45	36	46	32	32	38	42.0	57.0	46.0	1,344	1,824	1,748
NM .....	470	460	470	230	150	110	24.0	22.0	37.0	5,520	3,300	4,070
NY .....	120	130	160	115	125	150	53.0	55.0	43.0	6,095	6,875	6,450
NC .....	670	720	630	620	640	590	49.0	44.0	44.0	30,380	28,160	25,960
ND .....	40	40	80	38	38	75	33.0	30.0	30.0	1,254	1,140	2,250
OH .....	1,200	1,230	1,400	1,180	1,210	1,330	58.0	61.0	39.0	68,440	73,810	51,870
OK .....	7,000	6,900	7,000	5,300	5,200	4,900	27.0	21.0	19.0	143,100	109,200	93,100
OR .....	900	860	880	870	790	850	64.0	69.0	72.0	55,680	54,510	61,200
PA .....	170	190	195	165	185	190	48.0	55.0	48.0	7,920	10,175	9,120
SC .....	370	300	280	360	280	270	50.0	32.0	45.0	18,000	8,960	12,150
SD .....	1,550	1,600	2,000	1,350	1,520	1,580	32.0	37.0	35.0	43,200	56,240	55,300
TN .....	500	600	620	300	340	400	50.0	47.0	44.0	15,000	15,980	17,600
TX .....	6,000	5,800	6,000	2,900	2,800	2,900	26.0	27.0	26.0	75,400	75,600	75,400
UT .....	170	145	175	150	140	160	40.0	50.0	38.0	6,000	7,000	6,080
VA .....	280	300	300	250	275	275	56.0	64.0	53.0	14,000	17,600	14,575
WA .....	2,400	2,250	2,400	2,300	2,150	2,350	54.0	62.0	70.0	124,200	133,300	164,500
WV .....	15	15	14	10	12	11	55.0	52.0	45.0	550	624	495
WI .....	145	145	145	130	135	125	59.0	58.0	43.0	7,670	7,830	5,375
WY .....	200	210	255	180	200	240	24.0	36.0	26.0	4,320	7,200	6,240
US .....	49,197	48,686	51,983	41,355	40,972	39,709	40.2	37.7	37.2	1,661,943	1,544,653	1,478,048
Durum wheat												
AZ .....	95	100	165	94	99	164	91.0	86.0	90.0	8,554	8,514	14,760
CA .....	60	70	140	59	68	138	95.0	100.0	100.0	5,605	6,800	13,800
MN .....	13	13	10	11	12	10	25.0	30.0	43.0	275	360	430
MT .....	180	270	280	178	265	270	30.0	30.0	25.0	5,340	7,950	6,750
ND .....	2,450	2,950	3,000	2,350	2,880	2,940	32.5	27.0	27.0	76,375	77,760	79,380
SD .....	25	33	25	23	32	24	26.0	28.0	30.0	598	896	720
US .....	2,823	3,436	3,620	2,715	3,356	3,546	35.6	30.5	32.7	96,747	102,280	115,840
Other spring wheat												
CO .....	45	40	70	42	38	68	77.0	70.0	75.0	3,234	2,660	5,100
ID .....	650	580	720	620	560	700	70.0	80.0	72.0	43,400	44,800	50,400
MN .....	2,600	2,250	2,550	2,500	2,200	2,400	28.0	32.0	42.0	70,000	70,400	100,800
MT .....	3,450	3,950	4,200	3,350	3,800	4,100	30.0	35.0	26.0	100,500	133,000	106,600
NV .....	5	7	11	4	6	10	55.0	75.0	75.0	220	450	750
ND .....	9,100	8,300	9,600	8,850	8,200	9,500	31.5	27.0	33.0	278,775	221,400	313,500
OR .....	65	120	110	58	114	105	50.0	52.0	61.0	2,900	5,928	6,405
SD .....	2,100	1,250	2,300	1,980	1,200	2,250	26.0	28.0	37.0	51,480	33,600	83,250
UT .....	24	28	30	22	26	28	46.0	75.0	60.0	1,012	1,950	1,680
WA .....	250	450	400	245	445	395	40.0	46.0	46.0	9,800	20,470	18,170
WI .....	10	10	12	9	8	10	30.0	30.0	35.0	270	240	350
WY .....	30	25	33	20	20	29	35.0	38.0	30.0	700	760	870
US .....	18,329	17,010	20,036	17,700	16,617	19,595	31.8	32.2	35.1	562,291	535,658	687,875

<sup>1</sup> Area seeded in preceding fall for winter wheat.

NASS, Crops Branch, (202) 720-2127.

**Table 1-9.—Wheat: Price-support operations, United States, 1987/88–1996/97**

Marketing year beginning June 1	Support price				Put under support <sup>3</sup>		Acquired by CCC under support programs <sup>4</sup>	Owned by CCC at end of marketing year <sup>5</sup>
	Per bushel		Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
	Loan	Target <sup>1</sup>	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>		
1987/88 .....	2.28	4.38	34	65	472	22.4	147	283
1988/89 .....	2.21	4.23	31	59	106	5.8	45	191
1989/90 .....	2.05	4.10	27	54	114	5.6	62	117
1990/91 .....	1.95	4.00	25	51	405	14.8	90	163
1991/92 .....	2.04	4.00	26	50	143	7.2	1	152
1992/93 .....	2.21	4.00	28	50	240	9.8	0	150
1993/94 .....	2.45	4.00	30	48	258	10.7	0	150
1994/95 .....	2.58	4.00	31	48	231	10.0	0	142
1995/96 .....	2.58	4.00	30	46	114	5.2	0	118
1996/97 .....	2.58	N.A.	.....	.....	.....	.....	.....	.....

<sup>1</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>2</sup> The underlying parity price used here represents a simple 12-month average of the 12 monthly parity prices in the calendar year in which the crop was harvested. <sup>3</sup> Represents loans made, purchases, and purchase agreements entered into. <sup>4</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous year. <sup>5</sup> Includes 147 million bushels in Food Security Reserve, except 131 million bushels in 1988/89, 71 million bushels in 1989/90 and 141 million bushels in 1994/95. N.A.= Not applicable.

FSA, Food Grains Analysis Group, (202) 720-7923.

**Table 1-10.—Wheat: Marketing year average price and value, by States, crop of 1994, 1995, and 1996**

State	Marketing year average price per bushel			Value of production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL .....	3.25	3.90	4.50	14,820	11,232	15,840
AZ .....	4.22	4.64	5.00	46,178	47,038	81,780
AR .....	3.20	3.61	4.40	129,536	169,670	294,624
CA .....	3.66	4.33	5.00	162,274	141,249	257,543
CO .....	3.48	4.64	4.00	276,828	488,528	310,775
DE .....	3.05	4.10	4.30	11,529	17,843	17,776
FL .....	2.80	3.15	4.40	1,764	1,210	1,672
GA .....	3.03	3.39	4.40	61,812	38,646	73,920
ID .....	3.55	4.45	4.05	356,234	460,048	471,520
IL .....	3.04	3.89	4.10	153,216	264,948	171,380
IN .....	3.04	3.96	4.05	116,827	156,816	110,808
IA .....	3.15	4.05	4.10	6,662	4,961	6,458
KS .....	3.32	4.59	4.70	1,438,224	1,312,740	1,199,440
KY .....	3.11	3.84	4.30	78,372	93,619	120,787
LA .....	3.20	3.70	4.30	8,288	10,656	24,037
MD .....	3.10	4.15	4.25	37,510	59,760	50,167
MI .....	3.25	4.10	3.90	99,905	152,520	93,366
MN .....	3.33	4.71	4.20	237,594	338,652	439,819
MS .....	3.30	4.40	4.35	21,120	27,588	49,025
MO .....	3.12	3.84	4.05	157,248	184,205	197,438
MT .....	3.54	4.63	4.00	601,935	904,112	711,508
NE .....	3.39	4.56	4.25	242,046	392,616	312,375
NV .....	3.55	4.43	4.30	2,368	3,760	7,103
NJ .....	3.05	3.80	4.90	4,099	6,931	8,565
NM .....	3.30	4.50	5.20	18,216	14,850	21,164
NY .....	3.20	4.20	4.25	19,504	28,875	27,413
NC .....	3.00	3.65	4.40	91,140	102,784	114,224
ND .....	3.70	5.05	4.10	1,308,356	1,495,226	1,642,722
OH .....	3.07	3.96	4.00	210,111	292,288	207,480
OK .....	3.41	4.41	4.95	487,971	481,572	460,845
OR .....	3.86	4.79	4.05	226,119	289,119	273,800
PA .....	3.33	4.25	4.60	26,374	43,244	41,952
SC .....	3.00	3.60	4.30	54,000	32,256	52,245
SD .....	3.50	4.68	3.95	334,993	420,038	547,484
TN .....	3.15	3.90	4.40	47,250	62,322	77,440
TX .....	3.22	4.19	5.05	242,788	316,764	380,770
UT .....	3.65	4.74	4.45	25,603	42,415	34,448
VA .....	2.85	3.70	4.20	39,900	65,120	61,215
WA .....	3.92	4.83	4.20	525,508	742,500	739,765
WV .....	3.00	4.00	4.25	1,650	2,496	2,104
WI .....	3.10	3.65	4.05	24,614	29,456	23,187
WY .....	3.55	4.60	3.90	17,751	36,540	27,686
US .....	3.45	4.55	4.30	7,968,237	9,787,213	9,763,670

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-11.—Wheat: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada .....	12,377	10,838	11,253	2.20	2.13	2.26	27,232	23,122	25,432
Mexico .....	884	965	870	4.07	4.30	3.98	3,596	4,151	3,460
United States .....	25,379	24,998	24,664	2.57	2.53	2.41	65,220	63,167	59,400
Total .....	38,640	36,801	36,787	2.49	2.46	2.40	96,048	90,440	88,292
<b>South America:</b>									
Argentina .....	4,800	5,100	4,500	2.02	2.22	1.91	9,700	11,300	8,600
Bolivia .....	130	110	125	1.12	0.77	0.96	145	85	120
Brazil .....	1,408	1,365	1,034	1.50	1.60	1.46	2,107	2,185	1,511
Chile .....	362	390	380	3.51	3.49	2.89	1,270	1,360	1,100
Colombia .....	52	48	41	1.90	2.13	2.10	99	102	86
Ecuador .....	26	30	32	0.77	0.60	0.56	20	18	18
Paraguay .....	190	175	175	2.24	2.14	1.20	425	375	210
Peru .....	86	107	105	1.28	1.21	1.29	110	130	135
Uruguay .....	213	200	180	1.61	2.25	2.33	343	450	420
Total .....	7,267	7,525	6,572	1.96	2.13	1.86	14,219	16,005	12,200
<b>Europe:</b>									
Austria .....	241	241	256	4.22	5.21	5.08	1,018	1,255	1,301
Belgium-Luxembourg .....	212	212	220	7.13	6.93	6.91	1,512	1,470	1,520
Denmark .....	622	574	620	6.97	6.49	7.23	4,334	3,725	4,481
Finland .....	100	89	101	3.60	3.79	3.75	360	337	379
France .....	4,515	4,580	4,750	6.48	6.67	6.50	29,253	30,549	30,862
Germany .....	2,395	2,435	2,579	6.58	6.77	6.89	15,767	16,481	17,763
Greece .....	790	780	770	1.52	2.44	2.27	1,200	1,900	1,750
Ireland .....	77	74	71	6.27	7.08	8.18	483	524	581
Italy .....	2,300	2,372	2,468	3.41	3.29	3.10	7,851	7,795	7,652
Netherlands .....	120	122	126	8.63	8.04	9.26	1,035	981	1,167
Portugal .....	250	241	251	1.92	2.07	1.47	480	499	369
Spain .....	2,035	1,995	1,800	2.46	2.16	1.39	5,001	4,311	2,500
Sweden .....	290	260	260	6.02	5.38	5.89	1,746	1,400	1,532
United Kingdom .....	1,795	1,811	1,855	7.18	7.35	7.71	12,890	13,314	14,300
Total EU .....	15,742	15,786	16,127	5.27	5.36	5.34	82,930	84,541	86,157
Norway .....	60	69	65	5.42	3.33	5.02	325	230	326
Switzerland .....	101	102	107	5.60	5.64	5.75	566	575	615
Total W. Europe .....	161	171	172	5.53	4.71	5.47	891	805	941
Albania .....	140	175	140	2.86	2.63	3.00	400	460	420
Bulgaria .....	1,270	1,320	1,014	2.85	2.84	3.11	3,618	3,754	3,150
Czech Republic .....	790	851	830	4.27	4.58	4.61	3,370	3,897	3,823
Hungary .....	990	1,059	1,080	3.05	4.59	4.26	3,020	4,860	4,600
Poland .....	2,500	2,407	2,407	3.30	3.18	3.60	8,242	7,659	8,668
Romania .....	2,300	2,418	2,420	2.30	2.56	3.05	5,300	6,187	7,370
Slovakia .....	390	442	442	3.92	4.85	4.38	1,530	2,145	1,938
Yugoslavia .....	1,585	1,400	1,350	3.24	3.57	3.48	5,140	5,000	4,700
Total E. Europe .....	9,965	10,072	9,683	3.07	3.37	3.58	30,620	33,962	34,669
Total Europe .....	25,868	26,029	25,982	4.42	4.58	4.69	114,441	119,308	121,767
Fmr. Soviet Union .....	46,334	42,628	45,754	1.80	1.42	1.31	83,427	60,170	59,781
<b>Africa:</b>									
Algeria .....	1,300	900	1,400	0.85	0.83	0.89	1,100	750	1,250
Angola .....	5	5	5	0.60	0.80	0.80	3	4	4
Chad .....	4	4	4	1.50	1.50	1.50	6	6	6
Egypt .....	894	730	966	5.35	5.62	5.28	4,780	4,100	5,100

See footnotes at end of table.



**Table 1-11.—Wheat: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Con.</b>									
Ethiopia .....	752	900	1,025	1.20	1.44	1.54	900	1,300	1,575
Kenya .....	100	105	105	1.50	1.90	1.90	150	200	200
Lesotho .....	13	13	4	0.62	1.54	0.50	8	20	2
Libya .....	290	300	300	0.52	0.53	0.50	150	160	150
Morocco .....	2,310	3,050	1,700	0.68	1.81	0.65	1,573	5,523	1,100
Mozambique .....	3	3	3	1.00	1.00	1.00	3	3	3
Nigeria .....	25	25	30	1.20	1.20	1.00	30	30	30
South Africa, Rep. of .....	1,065	1,035	1,363	1.85	1.77	1.43	1,975	1,832	1,950
Sudan .....	328	357	291	1.37	1.33	1.79	450	475	520
Tanzania, United Rep. of .....	40	42	37	1.50	1.31	1.16	60	55	43
Tunisia .....	1,030	470	750	1.36	1.06	0.71	1,400	500	530
Zaire .....	9	10	10	0.78	0.70	0.70	7	7	7
Zambia .....	18	18	18	3.89	2.39	2.78	70	43	50
Zimbabwe .....	47	52	18	5.85	5.54	4.44	275	288	80
<b>Total .....</b>	<b>8,233</b>	<b>8,019</b>	<b>8,029</b>	<b>1.57</b>	<b>1.91</b>	<b>1.57</b>	<b>12,940</b>	<b>15,296</b>	<b>12,600</b>
<b>Asia:</b>									
Afghanistan .....	1,650	1,600	1,600	1.09	1.06	1.06	1,800	1,700	1,700
Bangladesh .....	615	639	650	1.84	1.95	1.92	1,131	1,245	1,250
Bhutan .....	13	13	13	1.54	1.54	1.54	20	20	20
Burma .....	135	140	140	1.04	1.07	1.07	140	150	150
China, Peoples Repu .....	30,240	28,981	28,860	3.52	3.43	3.54	106,390	99,300	102,215
Cyprus .....	6	10	10	1.17	1.00	1.00	7	10	10
India .....	24,589	25,100	25,600	2.33	2.38	2.56	57,210	59,840	65,470
Iran .....	7,500	7,600	7,600	1.45	1.51	1.49	10,900	11,500	11,300
Iraq .....	1,850	1,750	1,750	0.92	0.86	0.86	1,700	1,500	1,500
Israel .....	90	50	95	2.50	1.40	2.63	225	70	250
Japan .....	184	152	151	3.47	3.72	2.94	638	565	444
Jordan .....	72	69	81	0.94	0.83	0.99	68	57	80
Korea, Democratic Pe .....	90	90	75	1.37	1.39	1.00	123	125	75
Korea, Republic of .....	1	2	2	1.00	1.00	5.00	1	2	10
Lebanon .....	10	10	10	2.50	2.10	2.00	25	21	20
Mongolia .....	450	450	450	1.20	1.11	1.11	540	500	500
Nepal .....	600	600	550	1.33	1.42	1.45	800	850	800
Pakistan .....	8,300	8,034	8,170	1.95	1.89	2.08	16,157	15,212	17,002
Saudi Arabia .....	795	599	465	4.53	4.47	4.30	3,600	2,679	2,000
Syria .....	1,385	1,550	1,600	2.45	2.39	2.50	3,400	3,700	4,000
Taiwan .....	1	1	1	4.00	4.00	3.00	4	4	3
Turkey .....	8,850	8,600	8,550	1.86	1.71	1.81	16,500	14,700	15,500
Yemen .....	100	100	106	1.60	1.71	1.61	160	171	171
<b>Total .....</b>	<b>87,526</b>	<b>86,140</b>	<b>86,529</b>	<b>2.53</b>	<b>2.48</b>	<b>2.59</b>	<b>221,539</b>	<b>213,921</b>	<b>224,470</b>
<b>Oceania:</b>									
Australia .....	8,383	8,003	9,721	1.97	1.11	1.75	16,479	8,903	16,975
New Zealand ...	41	40	40	5.34	4.75	5.25	219	190	210
<b>Total .....</b>	<b>8,424</b>	<b>8,043</b>	<b>9,761</b>	<b>1.98</b>	<b>1.13</b>	<b>1.76</b>	<b>16,698</b>	<b>9,093</b>	<b>17,185</b>
<b>World Total ...</b>	<b>222,310</b>	<b>215,200</b>	<b>219,429</b>	<b>2.52</b>	<b>2.44</b>	<b>2.44</b>	<b>559,340</b>	<b>524,798</b>	<b>536,320</b>

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates for the Southern Hemisphere Harvests, which begin late in 1994 and end early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches and Foreign Service Officers, results of office research, and related information.

**Table 1-12.—Wheat and flour: United States imports, 1986–95**

Year beginning June	Wheat grain <sup>1</sup>	Flour (wheat equivalent)	Other products (wheat equivalent) <sup>2</sup>	Total wheat, flour, and other products
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1986 .....	15,821	416	5,013	21,250
1987 .....	9,989	755	5,342	16,086
1988 .....	15,851	560	6,251	22,662
1989 .....	12,583	502	9,382	22,467
1990 .....	25,540	901	9,932	36,373
1991 .....	30,924	923	8,751	40,598
1992 .....	56,859	3,122	9,435	69,416
1993 .....	91,287	6,486	11,086	108,860
1994 .....	70,561	8,073	13,313	91,947
1995 .....	47,753	6,687	13,493	67,933

<sup>1</sup> Starting January 1989, Census ceased reporting wheat suitable for milling and unfit for human consumption. <sup>2</sup> Includes macaroni, semolina, and similar products. Beginning in 1988/89 total wheat grain is reported under the suitable for milling column.

ERS, Commercial Agriculture Division, (202) 219-0768.

**Table 1-13.—Wheat and flour: United States exports under specified Government programs, 1984–93**

Year <sup>1</sup>	Local currency <sup>2</sup>	Public Law 480			Title III <sup>6</sup>	Food for Progress <sup>7</sup>	Foreign Donations Sec. 416(b) <sup>8</sup>	Mutual Security (AID) <sup>9</sup>	Total specified Government programs
		Title I sales	Title II donations						
		Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>					
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	
1984 .....	151,605	23,188	8,930	.....	.....	.....	2,726	186,449	
1985 .....	134,159	18,865	7,101	.....	.....	1,849	17,124	179,098	
1986 .....	3,953	150,840	9,597	5,831	.....	15,413	28	185,662	
1987 .....	3,182	111,997	14,804	16,119	.....	44,173	10,713	200,988	
1988 .....	4,103	95,913	18,384	13,518	.....	5,044	30,378	167,340	
1989 .....	2,620	93,301	14,030	14,767	.....	.....	1,026	125,744	
1990 .....	2,293	82,244	41,433	8,124	.....	.....	3,393	137,487	
1991 .....	.....	38,613	15,430	9,084	25,848	5,810	.....	94,785	
1992 <sup>10</sup> .....	.....	35,869	15,590	7,681	25,252	39,325	32,720	156,437	
1993 <sup>10</sup> .....	.....	41,108	29,421	8,427	35,802	27,537	.....	142,343	

<sup>1</sup> Year beginning Oct. 1. <sup>2</sup> Authorized by the Food Security Act of 1985. <sup>3</sup> Shipments under agreements, authorized by Title I, P.L. 480 amended by P.L. 89-808. <sup>4</sup> Authorized by Title II, P.L. 480. <sup>5</sup> Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. <sup>6</sup> Shipment under this title represents grants to least-developed countries. Prior to fiscal year 1991, shipments under Titles I and III were reported together. <sup>7</sup> This program is used to support countries that have made commitments to introduce or expand free enterprise elements in their agricultural economy. <sup>8</sup> Section 416(b) of the Agricultural Act of 1949, as amended. <sup>9</sup> Foreign Assistance Act of 1961, as amended. <sup>10</sup> Preliminary.

ERS, Commercial Agriculture Division, (202) 219-0020.

**Table 1-14.—Wheat and flour: <sup>1</sup> International trade, 1992/93–1994/95**

Country	1992/93	1993/94	1994/95 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Principal exporters:</b>			
Argentina .....	7,326	4,492	7,830
Australia .....	9,532	12,751	7,774
Canada .....	21,735	18,728	20,850
India .....	31	28	77
Kazakstan .....	5,800	5,500	3,500
Saudi Arabia .....	2,490	2,019	1,700
Turkey .....	1,636	1,194	1,804
European Union .....	23,687	20,066	16,800
Eastern Europe .....	1,300	328	2,314
Others .....	2,038	2,015	1,632
Subtotal .....	75,575	67,121	64,281
United States .....	37,136	33,084	32,208
<b>Total <sup>3</sup> .....</b>	<b>112,711</b>	<b>100,205</b>	<b>96,489</b>
<b>Principal importers:</b>			
Algeria .....	3,800	4,813	4,500
Bangladesh .....	1,040	1,065	1,718
Bolivia .....	432	424	430
Brazil .....	5,831	5,769	6,600
Belarus .....	950	900	550
Chile .....	536	790	615
China .....	6,719	4,310	10,235
Columbia .....	883	920	850
Cuba .....	898	1,083	950
Ecuador .....	398	404	400
Egypt .....	6,004	5,866	5,850
Georgia .....	700	850	700
India .....	2,980	83	28
Indonesia .....	2,651	2,925	3,818
Iran .....	2,982	3,537	3,182
Iraq .....	420	737	650
Israel .....	730	1,369	950
Japan .....	5,919	6,095	6,309
Jordan .....	576	734	730
Korea, North .....	333	105	100
Korea, South .....	3,994	5,647	4,293
Lebanon .....	311	419	375
Libya .....	998	1,123	1,167
Malaysia .....	942	1,327	1,153
Mexico .....	1,350	1,828	1,370
Morocco .....	2,811	2,403	1,215
Nigeria .....	875	816	550
Pakistan .....	2,785	2,085	2,107
Peru .....	1,057	1,338	1,200
Philippines .....	1,992	2,217	2,050
Russia .....	14,470	5,000	1,560
South Africa .....	957	598	751
Sri Lanka .....	858	825	942
Sudan .....	205	533	475
Syria .....	732	520	240
Taiwan .....	929	916	895
Tunisia .....	615	806	1,510
Turkey .....	977	644	474
Ukraine .....	1,225	100	265
Uzbekistan .....	3,200	3,500	2,250
Venezuela .....	1,126	1,037	1,141
Vietnam .....	382	371	400
Yemen .....	1,621	1,784	1,926
European Union .....	1,442	1,343	2,095
Other Western Europe .....	640	508	560
Eastern Europe .....	3,495	2,516	1,585
United States .....	1,857	3,161	2,390
Subtotal .....	96,628	86,144	84,104
Other Countries .....	11,906	11,979	10,907
Unaccounted .....	4,177	2,082	1,478
<b>Total <sup>3</sup> .....</b>	<b>112,711</b>	<b>100,205</b>	<b>96,489</b>

<sup>1</sup> Flour reported in terms of grain equivalent. <sup>2</sup> Preliminary. <sup>3</sup> Total for indicated countries only.  
 FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 1-15.—Wheat and flour:<sup>1</sup> United States exports by country of destination, 1993/94 and 1994/95**

Country of destination	Year <sup>2</sup>		Country of destination	Year <sup>2</sup>	
	1993/94	1994/95		1993/94	1994/95
	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons
<b>Wheat:</b>					
Mexico .....	723	699	Morocco .....	857	166
Central America .....	888	850	South Africa .....	242	526
Caribbean .....	281	525	Tunisia .....	482	304
Brazil .....	64	179	Other Africa .....	5,263	6,708
Chile .....	52	193	Other countries .....	3,014	3,075
Colombia .....	98	468	World total .....	31,132	32,094
Ecuador .....	93	259	<b>Wheat flour:</b>		
Peru .....	369	370	Central America .....	1	5
Venezuela .....	561	622	Other Caribbean .....	126	170
Other Americas .....	189	109	Bolivia .....	44	43
Total Americas .....	3,318	4,274	Colombia .....	1	2
			Other Americas .....	129	114
<b>Europe:</b>			Total Americas .....	301	334
Belgium and Luxembourg ....	115	116	Greece .....	0	0
Germany .....	2	4	Netherlands .....	6	4
Italy .....	289	150	Other Europe .....	234	425
Netherlands .....	3	11	Total Europe .....	240	429
Norway .....	104	35			
Spain .....	14	81	Sri Lanka .....	0	0
Switzerland .....	1	11	Japan .....	28	31
United Kingdom .....	6	26	Jordan .....	0	0
Other Europe .....	296	171	Philippines .....	1	1
Former Soviet Union .....	2,183	711	Other Asia .....	26	58
Total Europe and Soviet Union .....	3,013	1,316	Total Asia .....	55	90
			Egypt .....	246	163
India .....	8	6	Morocco .....	0	0
Israel .....	662	641	Other Africa .....	101	151
Japan .....	3,365	2,998	Total Africa .....	347	314
Korea, Rep. of .....	1,542	1,446			
Pakistan .....	1,307	1,575	Oceania .....	5	3
Philippines .....	2,131	1,792	World total .....	1,421	1,622
China .....	2,357	3,823			
Taiwan .....	889	821			
Other Asia .....	1,387	2,343			
Algeria .....	1,275	280			

<sup>1</sup> Flour reported in terms of grain equivalent.   <sup>2</sup> Year beginning Oct. 1.

FAS, Grain and Feed Division, (202) 720-6219. Compiled from reports of the U.S. Department of Commerce.

**Table 1-16.—Rye: Area, yield, production, disposition, and value, United States, 1987–96**

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers	Value of production
	Planted <sup>1</sup>	Harvested				
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1987 .....	2,428	671	29.1	19,526	1.62	31,641
1988 .....	2,374	595	24.7	14,689	2.52	37,006
1989 .....	2,014	484	28.2	13,647	2.06	28,099
1990 .....	1,625	375	27.1	10,176	2.09	21,298
1991 .....	1,671	395	24.6	9,734	2.20	21,364
1992 .....	1,542	391	29.3	11,440	2.38	27,303
1993 .....	1,493	381	27.1	10,340	2.55	27,149
1994 .....	1,613	407	27.9	11,341	2.70	30,520
1995 .....	1,602	385	26.1	10,064	2.90	28,948
1996 <sup>2</sup> .....	1,467	347	26.0	9,016	3.70	33,406

<sup>1</sup> Area planted in preceding fall. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-17.—Rye: Supply and disappearance, United States, 1986–95**

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Beginning stocks	Production	Imports	Total	Domestic use					Exports	Total disappearance	
					Food	Seed	Industry	Feed <sup>1</sup>	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1986 ....	21,869	19,067	1,000	41,936	3,500	3,700	2,000	13,653	22,853	500	23,353	18,583
1987 ....	18,583	19,526	1,204	39,313	3,500	3,800	2,000	10,601	19,901	500	20,401	18,912
1988 ....	18,912	14,689	200	33,801	3,500	3,200	2,000	11,401	20,101	3,400	23,501	10,300
1989 ....	10,300	13,647	30	23,977	3,500	3,000	2,000	9,035	17,535	800	18,335	5,631
1990 ....	5,631	10,176	3,895	19,702	3,500	3,000	2,000	7,670	16,170	213	16,383	3,319
1991 ....	3,319	9,734	4,542	17,595	3,500	3,000	2,000	7,528	16,028	53	16,081	1,514
1992 ....	1,514	11,440	3,099	16,053	3,500	3,000	2,000	5,984	14,484	14	14,498	1,555
1993 ....	1,555	10,340	4,607	16,502	3,600	3,000	2,000	6,915	15,515	16	15,531	971
1994 ....	971	11,341	4,386	16,698	3,600	3,000	2,000	6,612	15,212	35	15,247	1,451
1995 <sup>2</sup> ..	1,451	10,064	3,760	15,275	3,200	3,000	2,000	6,136	14,336	41	14,377	898

<sup>1</sup> Residual, approximates total feed use. <sup>2</sup> Preliminary. Totals may not add due to independent rounding.  
ERS, Commercial Agriculture Division, (202) 219-0704.

**Table 1-18.—Rye: Price-support operations, United States, 1987/88–1996/97**

Marketing year beginning June 1	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC at end of marketing year
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1987/88 .....	1.55	38	8.6	44.0	1.6	15.8
1988/89 .....	1.50	37	0.3	2.0	0.8	8.2
1989/90 .....	1.40	33	0.6	4.4	0.0	2.6
1990/91 .....	1.33	31	0.2	2.0	0.0	1.0
1991/92 .....	1.38	32	0.1	1.0	0.0	0.0
1992/93 .....	1.46	34	0.2	1.7	0.0	0.0
1993/94 .....	1.46	35	0.1	1.0	0.0	0.0
1994/95 .....	1.61	38	0.1	0.9	0.0	0.0
1995/96 .....	1.61	42	0.1	1.0	0.0	0.0
1996/97 .....	(*)	.....	.....	.....	.....	.....

<sup>1</sup>The underlying parity price used here represents a simple 12-month average of the 12 monthly parity prices in the calendar year in which the crop was harvested. <sup>2</sup>Includes loans made, purchases, and purchase agreements entered into. <sup>3</sup>Acquisition of all loans forfeited during the marketing year including loans made in previous years. <sup>4</sup>The Federal Agriculture Improvement and Reform Act of 1996 did not extend authority for price support for rye beyond the 1995/96 marketing year.  
FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-4417.

**Table 1-19.—Rye: Area, yield, and production, by States, 1994–96**

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
CO .....	25	15	28	2	2	3	27.0	30.0	25.0	54	60	75
GA .....	340	300	300	70	55	70	27.0	21.0	26.0	1,890	1,155	1,820
IL .....	40	55	50	6	8	6	24.0	30.0	31.0	144	240	186
IN .....	20	20	20	4	4	2	30.0	29.0	22.0	120	116	44
KS .....	90	100	60	13	20	5	25.0	20.0	30.0	325	400	150
MD .....	35	30	25	4	5	2	35.0	34.0	25.0	140	170	50
MI .....	90	90	80	17	16	13	26.0	34.0	27.0	442	544	351
MN .....	40	30	25	30	21	20	27.0	29.0	24.0	810	609	480
NE .....	80	60	50	26	20	22	21.0	24.0	19.0	546	480	418
NJ .....	33	40	25	5	8	3	38.0	38.0	27.0	190	304	81
NY .....	30	42	49	8	9	8	31.0	35.0	28.0	248	315	224
NC .....	100	100	90	25	25	20	26.0	20.0	25.0	650	500	500
ND .....	25	25	20	20	22	16	35.0	33.0	33.0	700	726	528
OH .....	45	45	35	5	5	3	34.0	36.0	31.0	170	180	93
OK .....	160	180	200	45	45	60	21.0	18.0	15.0	945	810	900
PA .....	45	50	60	10	10	6	32.0	33.0	36.0	320	330	216
SC .....	75	50	40	25	20	20	24.0	22.0	26.0	600	440	520
SD .....	50	55	40	45	50	36	33.0	33.0	41.0	1,485	1,650	1,476
TX .....	120	150	120	15	20	10	29.0	19.0	19.0	435	380	190
VA .....	90	90	80	7	5	10	36.0	35.0	33.0	252	175	330
WI .....	80	75	70	25	15	12	35.0	32.0	32.0	875	480	384
US .....	1,613	1,602	1,467	407	385	347	27.9	26.1	26.0	11,341	10,064	9,016

<sup>1</sup> Relates to the total area of rye sown for all purposes; area planted in preceding fall.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-20.—Rye: Marketing year average price and value, by States, crop of 1994, 1995, and 1996**

State	Marketing year average price per bushel			Value of production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
CO .....	2.50	2.55	3.40	135	153	255
GA .....	2.80	3.40	4.50	5,292	3,927	8,190
IL .....	2.98	2.90	3.85	429	696	716
IN .....	3.00	2.90	3.90	360	336	172
KS .....	2.75	3.11	3.85	894	1,244	578
MD .....	2.50	2.10	2.00	350	357	100
MI .....	2.30	2.40	3.20	1,017	1,306	1,123
MN .....	2.15	2.75	3.10	1,742	1,675	1,488
NE .....	2.50	2.50	2.50	1,365	1,200	1,045
NJ .....	3.97	3.25	3.25	754	988	263
NY .....	2.25	2.25	3.00	558	709	672
NC .....	2.20	2.50	2.80	1,430	1,250	1,400
ND .....	1.93	2.41	3.05	1,351	1,750	1,610
OH .....	3.70	4.00	3.80	629	720	353
OK .....	3.60	3.90	4.80	3,402	3,159	4,320
PA .....	2.90	3.00	4.00	928	990	864
SC .....	2.65	2.60	3.95	1,590	1,144	2,054
SD .....	2.50	2.53	3.35	3,713	4,175	4,945
TX .....	3.25	3.10	4.40	1,414	1,178	836
VA .....	2.15	3.15	3.15	542	551	1,040
WI .....	3.00	3.00	3.60	2,625	1,440	1,382
US .....	2.70	2.90	3.70	30,520	28,948	33,406

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-21.—Rye: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectares			Production		
	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada .....	161	186	156	1.98	2.13	1.92	319	397	300
United States .....	154	165	156	1.71	1.75	1.64	263	288	256
Total .....	315	351	312	1.85	1.95	1.78	582	685	556
South America:									
Argentina .....	71	75	75	0.87	1.07	1.07	62	80	80
Brazil .....	5	5	5	1.20	1.20	1.20	6	6	6
Chile .....	5	5	5	2.00	2.00	2.00	10	10	10
Total .....	81	85	85	0.96	1.13	1.13	78	96	96
Europe:									
Austria .....	70	77	77	4.14	4.14	4.08	290	319	314
Belgium-Luxembourg .....	2	3	3	4.00	4.00	3.33	8	12	10
Denmark .....	76	90	100	4.25	4.22	5.00	323	380	500
Finland .....	20	9	21	3.00	2.44	2.76	60	22	58
France .....	48	46	48	3.94	3.96	4.13	189	182	198
Germany .....	660	723	861	4.52	4.77	5.25	2984	3451	4521
Greece .....	18	18	18	2.00	2.22	2.22	36	40	40
Italy .....	8	8	8	2.75	2.50	2.50	22	20	20
Netherlands .....	7	7	7	5.00	5.00	5.00	35	35	35
Portugal .....	75	60	60	1.00	1.00	0.83	75	60	50
Spain .....	171	153	160	1.75	1.42	1.09	300	217	174
Sweden .....	50	40	45	4.60	4.50	4.51	230	180	203
United Kingdom .....	4	5	5	5.00	5.00	5.00	20	25	25
Total EU .....	1,209	1,239	1,413	3.78	3.99	4.35	4,572	4,943	6,148
Norway .....	1	2	2	4.00	5.00	7.50	4	10	15
Switzerland .....	5	5	5	4.00	4.00	4.00	20	20	20
Total W. Europe .....	6	7	7	4.00	4.29	5.00	24	30	35
Albania .....	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria .....	15	11	14	1.67	1.45	1.43	25	16	20
Czech Republic .....	69	80	79	3.77	3.51	3.32	260	281	262
Hungary .....	70	90	80	1.57	2.22	2.13	110	200	170
Poland .....	2,200	2,436	2,452	2.27	2.18	2.56	5,000	5,300	6,288
Romania .....	32	25	20	1.88	1.88	2.25	60	47	45
Slovakia .....	23	31	90	3.00	3.13	0.99	69	97	89
Yugoslavia .....	35	30	30	1.71	1.67	1.67	60	50	50
Total E. Europe .....	2,419	2,683	2,745	1.81	1.67	1.50	5,534	5,951	6,884
Total Europe .....	3,634	3,929	4,165	2.79	2.78	3.14	10,130	10,924	13,067
Fmr. Soviet Union .....	8,604	6,168	5,295	1.93	1.74	1.59	14,979	9,850	7,881
Africa:									
South Africa, Rep. of .....	20	20	20	0.15	0.15	0.15	3	3	3
Asia:									
Turkey .....	165	170	180	1.39	1.47	1.42	230	250	255
Oceania:									
Australia .....	35	35	35	0.57	0.57	0.57	20	20	20
World Total .....	12,890	10,788	10,124	2.02	2.03	2.17	26,088	21,883	21,929

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow: thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1994 and end early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign Governments, other foreign source materials, reports of Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 1-22.—Rice, rough: Area, yield, production, and value, United States, 1987–96**

Year	Area planted	Area harvested	Yield per acre	Production	Marketing year average price per cwt. received by farmers	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1987 .....	2,356.0	2,333.0	5,555	129,603	7.27	971,167
1988 .....	2,933.0	2,900.0	5,514	159,897	6.83	1,091,817
1989 .....	2,731.0	2,687.0	5,749	154,487	7.35	1,134,039
1990 .....	2,897.0	2,823.0	5,529	156,088	6.68	1,047,242
1991 .....	2,884.0	2,781.0	5,731	159,367	7.58	1,213,330
1992 .....	3,176.0	3,132.0	5,736	179,658	5.89	1,057,272
1993 .....	2,920.0	2,833.0	5,510	156,110	7.98	1,246,875
1994 .....	3,353.0	3,316.0	5,964	197,779	6.78	1,336,570
1995 .....	3,121.0	3,093.0	5,621	173,871	9.15	1,587,236
1996 .....	2,819.0	2,799.0	6,121	171,321	9.50	1,611,959

NASS, Crops Branch, (202) 720-2127.

**Table 1-23.—Rice, rough: Stocks on and off farms, United States, 1988–97**

Year beginning previous December	On farms			Off farms <sup>1</sup>		
	Dec. 1	Mar. 1	Aug. 1	Dec. 1	Mar. 1	Aug. 1
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1988-89 .....	29,789	10,104	1,242	85,631	65,494	22,506
1989-90 .....	39,581	27,266	1,176	92,107	62,784	17,411
1990-91 .....	40,040	15,965	599	76,333	61,989	18,554
1991-92 .....	37,662	19,345	852	75,505	53,082	17,843
1992-93 .....	37,249	20,658	1,109	76,541	55,125	19,422
1993-94 .....	39,966	22,397	1,708	91,517	69,284	28,876
1994-95 .....	24,164	11,703	517	85,081	67,900	20,390
1995-96 .....	41,223	23,239	862	100,088	72,686	21,902
1996-97 .....	32,936	20,520	486	88,395	65,326	19,485
1997-98 <sup>2</sup> .....	32,719	N.A.	N.A.	86,350	N.A.	N.A.

<sup>1</sup> Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit. <sup>2</sup> Preliminary. N.A. = Not available.

NASS, Crops Branch, (202) 720-2127.

**Table 1-24.—Rice, by length of grain: Area, yield, and production, United States, 1987–96**

Year	Area harvested			Yield per acre			Production		
	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1987 .....	1,698.0	594.0	41.0	5,241	6,339	7,212	88,995	37,651	2,957
1988 .....	2,233.0	616.0	51.0	5,345	5,989	7,141	119,364	36,891	3,642
1989 .....	1,998.0	638.0	51.0	5,464	6,495	7,618	109,161	41,441	3,885
1990 .....	2,065.0	745.0	13.0	5,221	6,353	7,338	107,806	47,328	954
1991 .....	2,023.0	748.0	10.0	5,395	6,615	7,530	109,137	49,477	753
1992 .....	2,372.0	747.0	13.0	5,397	6,778	7,769	128,015	50,633	1,010
1993 .....	2,028.0	789.0	16.0	5,082	6,575	7,331	103,064	51,873	1,173
1994 .....	2,379.0	925.0	12.0	5,609	6,853	7,867	133,445	63,390	944
1995 .....	2,312.0	769.0	12.0	5,265	6,663	7,500	121,730	51,241	900
1996 .....	1,964.0	820.0	15.0	5,777	6,926	7,127	113,462	56,790	1,069

NASS, Crops Branch, (202) 720-2127.



**Table 1-25.—Rice, rough, by length of grain: Stocks in all positions, United States, 1988–97**

Year beginning previous December	Long grain				Medium grain				Short grain			
	Dec. 1	Mar. 1	Aug. 1	Oct. 1 <sup>1</sup>	Dec. 1	Mar. 1	Aug. 1	Oct. 1 <sup>1</sup>	Dec. 1	Mar. 1	Aug. 1	Oct. 1 <sup>1</sup>
1988 ....	72,008	44,715	14,349	374	39,535	28,498	8,559	3,627	3,877	2,385	840	269
1989 ....	94,594	64,091	11,405	826	33,229	23,290	6,091	1,387	3,865	2,669	1,091	501
1990 ....	78,791	50,498	8,711	1,187	33,051	24,059	8,658	1,698	4,531	3,397	1,784	1,272
1991 ....	72,196	44,479	8,038	947	38,716	26,139	9,456	5,332	2,255	1,809	1,201	974
1992 ....	70,182	43,753	9,003	580	41,915	30,950	10,916	4,790	1,693	1,080	612	353
1993 ....	88,695	59,548	17,752	533	41,359	31,228	12,363	5,518	1,429	905	469	154
1994 ....	61,356	44,741	12,543	114	46,524	33,732	7,708	1,906	1,365	1,130	656	449
1995 ....	87,281	57,779	10,188	219	52,676	36,963	11,872	4,186	1,354	1,183	704	522
1996 ....	76,256	52,630	7,418	( <sup>3</sup> )	43,941	32,264	12,022	4,506	1,134	952	531	( <sup>3</sup> )
1997 <sup>2</sup> ..	68,687	N.A.	N.A.	N.A.	49,015	N.A.	N.A.	N.A.	1,367	N.A.	N.A.	N.A.

<sup>1</sup> California only. <sup>2</sup> Preliminary. <sup>3</sup> Not published to avoid disclosing individual reports. N.A. = Not available. NASS, Crops Branch, (202) 720-2127.

**Table 1-26.—Rough and milled rice (rough equivalent): Supply and disappearance, United States, 1986–95<sup>1</sup>**

Year beginning August	Supply				Disappearance							Ending stocks July 31
	Beginning stocks	Production	Imports	Total	Domestic use					Exports <sup>2</sup>	Total disappearance	
					Food	Brewers use	Seed	Residual	Total			
	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.	Mil-lion cwt.
1986 .....	77.3	133.4	2.6	213.3	52.8	15.0	2.9	7.0	77.7	84.2	161.9	51.4
1987 .....	51.4	129.6	3.0	184.0	54.9	15.4	3.6	6.5	80.4	72.2	152.6	31.4
1988 .....	31.4	159.9	3.8	195.1	57.4	15.6	3.4	6.0	82.4	85.9	168.3	26.7
1989 .....	26.7	154.5	4.4	185.6	60.2	15.4	3.6	3.0	82.2	77.1	159.3	26.3
1990 .....	26.3	156.1	4.8	187.2	63.7	15.3	3.6	9.0	91.6	71.0	162.6	24.6
1991 .....	24.6	159.4	5.3	189.3	67.1	15.5	4.1	8.7	95.5	66.4	161.8	27.4
1992 .....	27.4	179.7	6.1	213.2	69.0	15.1	3.8	8.8	96.7	77.0	173.7	39.4
1993 .....	39.4	156.1	6.9	202.5	71.2	14.3	4.3	11.7	101.5	75.2	176.7	25.8
1994 .....	25.8	197.8	7.0	230.6	74.0	14.4	4.1	7.4	99.9	99.4	199.2	31.4
1995 <sup>4</sup> .....	34.3	173.9	7.4	212.6	77.0	15.2	3.8	8.5	104.5	83.0	187.6	25.0

<sup>1</sup> Consolidated supply and disappearance of rough and milled rice. Milled-rice data converted to a rough-rice basis using annually derived extraction rates as factors. <sup>2</sup> Based on Bureau of Census reports. Estimates for 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments. <sup>3</sup> Results from losses in drying, storage, handling, and milling and from errors in estimation. <sup>4</sup> Preliminary. Totals may not add due to independent rounding. ERS, Commercial Agriculture Division, (202) 219-0704.

**Table 1-27.—Rice, by length of grain: Area, yield, and production, by States, 1994–96**

State	Area harvested			Yield per acre			Production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	Long grain								
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
AR .....	1,200.0	1,140.0	910.0	5,680	5,370	6,050	68,160	61,218	55,055
CA .....	7.0	8.0	5.0	8,100	7,500	7,200	567	600	360
LA .....	397.0	456.0	463.0	4,890	4,610	4,900	19,413	21,022	22,687
MS .....	313.0	288.0	208.0	5,900	5,400	6,000	18,467	15,552	12,480
MO .....	123.0	112.0	90.0	5,200	5,300	5,550	6,396	5,936	4,995
TX .....	339.0	308.0	288.0	6,030	5,650	6,210	20,442	17,402	17,885
US .....	2,379.0	2,312.0	1,964.0	5,609	5,265	5,777	133,445	121,730	113,462
	Medium grain								
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
AR .....	218.0	198.0	258.0	5,810	5,900	6,500	12,666	11,682	16,770
CA .....	468.0	447.0	482.0	8,510	7,600	7,500	39,827	33,972	36,150
LA .....	223.0	114.0	70.0	4,500	4,550	4,700	10,035	5,187	3,290
MO .....	1.0	.....	.....	5,200	.....	.....	52	.....	.....
TX .....	15.0	10.0	10.0	5,400	4,000	5,800	810	400	580
US .....	925.0	769.0	820.0	6,853	6,663	6,926	63,390	51,241	56,790
	Short grain								
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
AR .....	2.0	2.0	2.0	5,700	6,000	6,000	114	120	120
CA .....	10.0	10.0	13.0	8,300	7,800	7,300	830	780	949
US .....	12.0	12.0	15.0	7,867	7,500	7,127	944	900	1,069

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-28.—Rice: Area, yield, and production, by States, 1994–96**

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
AR .....	1,440.0	1,350.0	1,180.0	1,420.0	1,340.0	1,170.0	5,700	5,450	6,150	80,940	73,020	71,945
CA .....	487.0	467.0	502.0	485.0	465.0	500.0	8,500	7,600	7,490	41,224	35,352	37,459
LA .....	625.0	575.0	535.0	620.0	570.0	533.0	4,750	4,600	4,870	29,448	28,209	25,977
MS .....	315.0	290.0	210.0	313.0	288.0	208.0	5,900	5,400	6,000	18,467	15,552	12,480
MO .....	131.0	119.0	92.0	124.0	112.0	90.0	5,200	5,300	5,550	6,448	5,936	4,995
TX .....	355.0	320.0	300.0	354.0	318.0	298.0	6,000	5,600	6,200	21,252	17,802	18,465
US ...	3,353.0	3,121.0	2,819.0	3,316.0	3,093.0	2,799.0	5,964	5,621	6,121	197,779	173,871	171,321

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-29.—Rice, milled, by length of grain: Stocks in all positions, United States, 1988–97**

Year beginning previous Dec.	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Dec. 1	Mar. 1	Aug. 1	Oct. 1 <sup>1</sup>	Dec. 1	Mar. 1	Aug. 1	Oct. 1 <sup>1</sup>	Dec. 1	Mar. 1	Aug. 1	Oct. 1 <sup>1</sup>
1988 ....	3,828	4,661	3,301	82	656	1,254	964	534	50	136	48	64
1989 ....	3,779	5,268	2,875	86	914	865	1,139	672	50	36	131	62
1990 ....	3,099	3,640	3,286	63	892	1,041	779	462	74	85	85	91
1991 ....	2,959	2,414	2,513	32	859	1,660	671	423	94	90	50	41
1992 ....	2,431	2,651	2,808	33	840	1,425	953	677	268	47	33	37
1993 ....	3,044	2,463	2,700	44	1,736	1,121	2,064	1,024	39	30	44	47
1994 ....	2,399	2,753	1,860	43	1,258	1,414	1,168	596	27	26	28	51
1995 ....	1,884	2,394	3,127	51	1,723	2,243	2,333	749	48	53	44	37
1996 ....	3,509	2,258	1,927	17	1,184	870	1,187	780	39	26	50	88
1997 <sup>2</sup> ..	3,358	N.A.	N.A.	N.A.	1,448	N.A.	N.A.	N.A.	56	N.A.	N.A.	N.A.

Year beginning previous Dec.	Broken kernels <sup>3</sup>											
	Second heads				Screenings				Brewers			
	Dec. 1	Mar. 1	Aug. 1	Oct. 1 <sup>1</sup>	Dec. 1	Mar. 1	Aug. 1	Oct. 1 <sup>1</sup>	Dec. 1	Mar. 1	Aug. 1	Oct. 1 <sup>1</sup>
1988 ....	1,389	1,041	690	146	243	304	85	.....	524	576	241	30
1989 ....	1,141	849	995	110	128	48	222	.....	266	214	470	33
1990 ....	876	803	652	198	243	94	117	.....	572	333	277	39
1991 ....	918	550	827	197	747	298	68	.....	254	254	114	34
1992 ....	577	665	511	146	83	108	176	.....	211	781	367	26
1993 ....	915	892	949	73	129	269	173	.....	454	417	272	34
1994 ....	632	434	364	164	107	47	82	.....	458	1,131	93	21
1995 ....	690	734	579	279	89	31	79	.....	411	164	146	33
1996 ....	626	406	329	159	14	6	14	.....	337	133	107	25
1997 <sup>2</sup> ..	553	N.A.	N.A.	N.A.	49	N.A.	N.A.	.....	187	N.A.	N.A.	N.A.

<sup>1</sup> California only. <sup>2</sup> Preliminary. <sup>3</sup> Screenings in California are included in second heads. N.A. = Not available. NASS, Crops Branch, (202) 720-2127.

**Table 1-30.—Rice: Marketing year average price and value, by States, crop of 1994, 1995, and 1996**

State	Marketing year average price per cwt.			Value of production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AR .....	6.52	9.14	9.75	527,729	667,403	701,464
CA .....	6.97	8.79	7.60	287,331	310,744	284,688
LA .....	6.71	9.09	10.00	197,596	238,240	259,770
MS .....	7.00	9.25	10.00	129,269	143,856	124,800
MO .....	6.72	9.06	9.85	43,331	53,780	49,201
TX .....	7.12	9.73	10.40	151,314	173,213	192,036
US .....	6.78	9.15	9.50	1,336,570	1,587,236	1,611,959

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-31.—Rice, milled: United States exports under specified Government programs, 1984-93**

Year <sup>1</sup>	Public Law 480			Title III <sup>5</sup>	Food for Progress <sup>6</sup>	Foreign Donations Section 416(b) <sup>7</sup>	Mutual Security (AID) <sup>8</sup>	Total specified Government programs
	Title I sales	Title II donations						
	Long-term dollar and convertible foreign currency credit sales <sup>2</sup>	Government-to-government and World Food Program <sup>3</sup>	Voluntary relief agencies <sup>4</sup>					
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1984 .....	9,599	2,051	1,072	.....	.....	.....	.....	12,722
1985 .....	5,700	480	711	.....	.....	.....	.....	6,891
1986 .....	6,342	2,251	808	.....	.....	1,314	.....	10,715
1987 .....	3,458	3,332	287	.....	.....	645	3	7,725
1988 .....	5,178	2,597	1,223	.....	.....	.....	.....	8,998
1989 .....	4,163	2,377	1,193	.....	.....	.....	535	8,268
1990 .....	2,591	3,483	2,026	.....	.....	91	.....	8,191
1991 .....	2,256	2,745	1,357	560	356	.....	.....	7,274
1992 <sup>9</sup> .....	2,341	2,729	1,494	917	3,021	.....	4	10,506
1993 <sup>9</sup> .....	2,066	1,866	1,853	1,760	225	.....	28	7,798

<sup>1</sup> Year beginning Oct. 1. <sup>2</sup> Shipments under agreements authorized by Title I, P.L. 480, as amended by P.L. 89-808. <sup>3</sup> Authorized by Title II, P.L. 480. <sup>4</sup> Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. <sup>5</sup> Shipment under this title represents grants to least-developed countries. Prior to fiscal year 1991, shipments under Titles I and III were reported together. <sup>6</sup> This program is used to support countries that have made commitments to introduce or expand free enterprise elements in their agricultural economy. <sup>7</sup> Section 416(b) of the Agricultural Act of 1949, as amended. <sup>8</sup> Foreign Assistance Act of 1961, as amended. <sup>9</sup> Preliminary.

ERS, Commercial Agriculture Division, (202) 219-0020.

**Table 1-32.—Rice, rough: Price-support operations, United States, 1987/88–1996/97**

Marketing year beginning August 1	Support prices <sup>1</sup>		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC at end of marketing year
	Loan/target Per/cwt.	Loan/target Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
1987/88 .....	6.84/11.66	36/62	125.7	98.4	0.5	8.7
1988/89 .....	6.63/11.15	33/56	147.6	92.6	0.0	6.7
1989/90 .....	6.50/10.80	31/52	121.9	78.9	0.0	0.0
1990/91 .....	6.50/10.71	31/51	143.7	92.1	0.1	0.0
1991/92 .....	6.50/10.71	30/49	108.3	68.8	0.5	0.0
1992/93 .....	6.50/10.71	30/49	126.1	70.2	0.8	0.2
1993/94 .....	6.50/10.71	29/47	30.9	19.8	0.0	0.0
1994/95 .....	6.50/10.71	28/46	131.2	66.3	0.0	0.0
1995/96 .....	6.50/10.71	27/44	100.9	58.0	0.0	0.0
1996/97 .....	6.50/N.A.					

<sup>1</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>2</sup> The underlying parity price used here represents a simple 12-month average of the 12 monthly parity prices in the calendar year in which the crop was harvested. <sup>3</sup> Includes loans made, purchases, and purchase agreements entered. Does not include quantity on which loan deficiency payments were made. <sup>4</sup> Acquisition through loan forfeitures, crop year basis. N.A. = Not applicable.  
 FSA, Food Grains Analysis Group, (202) 720-7923

**Table 1-33.—Rice: United States exports (milled basis), by country of destination, 1992/93 and 1994/95**

Country of destination	Year beginning August <sup>1</sup>			Country of destination	Year beginning August <sup>1</sup>		
	1992/93	1993/94	1994/95		1992/93	1993/94	1994/95
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Canada .....	141	139	156	United Kingdom .....	68	84	52
Mexico .....	198	172	261	Total Europe <sup>2</sup> .....	638	488	570
Bahamas .....	6	6	6	Indonesia .....	9	5	18
Dominican Republic .....	1	0	35	Iran .....	183	108	179
Haiti .....	151	76	172	Korea, Rep. of ....	1	0	0
Jamaica .....	35	54	61	Saudi Arabia .....	224	181	174
Netherlands Antilles .....	10	8	8	Total Asia, Middle East, and Oceania <sup>2</sup>	721	934	980
Chile .....	11	17	8	Guinea .....	6	43	61
Total Western Hemisphere <sup>2</sup>	760	652	1,445	Ivory Coast .....	102	58	70
European Union:				Liberia .....	40	60	18
Belgium-Luxembourg .....	49	53	36	Nigeria .....	0	0	0
France .....	49	7	10	Senegal .....	91	90	28
Germany, Fed. Rep. of .....	66	50	38	South Africa .....	122	112	125
Netherlands .....	112	80	156	Total Africa <sup>2</sup> ...	467	452	363
Portugal .....	105	5	0	World total <sup>2</sup> ....	2,588	2,526	3,324
Sweden .....	18	19	19				
Switzerland .....	69	75	79				

<sup>1</sup> Marketing year. <sup>2</sup> Includes countries not shown.  
 FAS, Grain and Feed Division, (202) 720-6219.

**Table 1-34.—Rice, milled: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Costa Rica .....	40	45	50	2.75	2.67	2.40	110	120	120
Cuba .....	80	80	90	2.11	2.50	1.33	180	125	120
Dominican Rep. ....	105	105	105	3.27	3.10	3.10	334	325	325
El Salvador .....	16	16	15	2.71	2.61	2.73	46	48	41
Guatemala .....	15	15	15	1.93	1.80	1.80	27	27	27
Haiti .....	38	38	40	1.58	1.58	1.50	60	60	60
Honduras .....	11	11	12	2.64	2.30	2.50	37	30	30
Nicaragua .....	60	60	60	1.90	1.67	1.67	110	100	100
Panama .....	95	95	90	1.34	1.37	1.33	107	130	120
Trinidad and Tobago .....	10	10	10	2.00	2.00	2.00	20	20	20
Mexico .....	50	50	60	2.86	2.80	2.83	200	140	170
United States .....	1,146	1,146	1,342	4.50	4.57	4.88	5,704	5,240	6,549
<b>Total .....</b>	<b>1,666</b>	<b>1,671</b>	<b>1,889</b>	<b>4.16</b>	<b>3.81</b>	<b>4.07</b>	<b>6,935</b>	<b>6,365</b>	<b>7,682</b>
<b>South America:</b>									
Argentina .....	140	180	182	2.79	3.36	3.13	390	605	570
Bolivia .....	100	100	100	1.20	1.20	1.20	120	120	120
Brazil .....	4,390	4,242	3,908	1.63	1.74	1.70	7,150	7,402	6,650
Chile .....	29	30	34	2.93	2.87	2.59	85	86	88
Colombia .....	427	420	420	2.72	2.94	2.86	1,160	1,235	1,200
Ecuador .....	230	240	220	1.98	2.10	1.93	455	504	425
Guyana .....	97	106	131	1.89	1.96	2.21	183	208	290
Paraguay .....	90	90	90	1.27	1.11	1.28	114	100	115
Peru .....	178	239	190	3.75	4.05	3.95	668	967	750
Surinam .....	50	50	50	2.00	2.00	2.00	100	100	100
Uruguay .....	120	146	146	3.50	3.86	4.55	420	563	665
Venezuela .....	150	138	157	2.69	2.84	2.66	403	392	418
<b>Total .....</b>	<b>6,001</b>	<b>5,981</b>	<b>5,628</b>	<b>1.87</b>	<b>2.05</b>	<b>2.02</b>	<b>11,248</b>	<b>12,282</b>	<b>11,391</b>
<b>Europe:</b>									
France .....	24	24	24	3.08	2.96	2.96	74	71	71
Greece .....	15	10	10	4.00	4.00	5.00	60	40	50
Italy .....	232	236	239	3.67	3.47	3.32	851	820	794
Portugal .....	25	30	30	2.92	3.33	3.00	73	100	90
Spain .....	50	63	54	4.40	4.33	4.24	220	273	229
<b>Total EU .....</b>	<b>346</b>	<b>363</b>	<b>357</b>	<b>3.69</b>	<b>3.59</b>	<b>3.46</b>	<b>1,278</b>	<b>1,304</b>	<b>1,234</b>
Bulgaria .....	3	1	1	3.33	3.00	5.00	10	3	5
Hungary .....	7	10	5	1.43	1.50	2.00	10	15	10
Romania .....	13	5	6	1.31	2.00	2.50	17	10	15
Yugoslavia .....	7	10	7	1.86	2.00	2.14	13	20	15
<b>Total E. Europe .....</b>	<b>30</b>	<b>26</b>	<b>19</b>	<b>1.67</b>	<b>1.85</b>	<b>2.37</b>	<b>50</b>	<b>48</b>	<b>45</b>
<b>Total Europe .....</b>	<b>376</b>	<b>389</b>	<b>376</b>	<b>3.53</b>	<b>3.48</b>	<b>3.40</b>	<b>1,328</b>	<b>1,352</b>	<b>1,279</b>
<b>Fmr. Soviet Union .....</b>	<b>617</b>	<b>536</b>	<b>509</b>	<b>14.45</b>	<b>13.70</b>	<b>13.26</b>	<b>1,265</b>	<b>998</b>	<b>930</b>
<b>Africa:</b>									
Algeria .....	1	1	1	1.00	1.00	1.00	1	1	1
Angola .....	5	5	6	0.60	0.60	0.83	3	3	5
Benin .....	7	8	8	0.86	0.88	0.88	6	7	7
Burkina .....	35	30	30	1.00	1.33	1.33	35	40	40
Cameroon .....	35	35	40	1.66	1.77	1.63	58	62	65
Chad .....	50	55	50	0.50	1.09	0.90	25	60	45
Egypt .....	538	575	420	4.72	4.92	5.00	2,540	2,830	2,100
Gambia, The .....	8	12	12	1.00	1.08	1.33	8	13	16
Ghana .....	77	81	57	1.22	1.22	1.37	94	99	78
Guinea .....	998	1,088	1,000	0.54	0.55	0.54	541	595	536
Guinea-Bissau .....	71	65	65	1.14	1.31	1.32	81	85	86
Cote d'Ivoire .....	625	635	645	0.72	0.68	0.74	450	434	477
Kenya .....	10	20	15	2.00	1.75	2.00	20	35	30

See footnotes at end of table.

**Table 1-34.—Rice, milled: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Liberia .....	60	45	45	0.65	0.44	0.67	39	20	30
Madagascar .....	1,209	1,180	1,250	1.35	1.28	1.28	1,632	1,510	1,600
Malawi .....	39	27	35	1.10	1.04	0.94	43	28	33
Mali .....	258	284	280	1.09	1.09	1.07	282	310	300
Mauritania .....	22	19	20	2.00	1.89	1.85	44	36	37
Morocco .....	5	8	6	5.00	5.00	3.33	25	40	20
Mozambique .....	105	121	130	0.38	0.54	0.58	40	65	75
Niger .....	30	35	30	1.33	1.29	1.53	40	45	46
Nigeria .....	1,214	1,666	1,700	1.80	1.32	1.33	2,182	2,200	2,260
Senegal .....	86	80	80	1.58	1.38	1.44	136	110	115
Sierra Leone .....	382	328	230	0.76	0.74	0.74	292	243	170
Somalia .....	2	2	2	1.50	1.50	1.50	3	3	3
Sudan .....	7	7	7	1.00	1.00	1.00	7	7	7
Swaziland .....	2	2	2	1.50	1.50	1.50	3	3	3
Tanzania, United Rep. of ..	370	420	478	1.12	1.06	0.98	415	445	470
Togo .....	28	41	40	0.71	0.61	0.63	20	25	25
Zaire .....	500	500	500	0.55	0.50	0.50	275	248	252
Zambia .....	14	7	10	0.57	0.57	0.80	8	4	8
<b>Total .....</b>	<b>6,793</b>	<b>7,382</b>	<b>7,194</b>	<b>1.38</b>	<b>1.30</b>	<b>1.24</b>	<b>9,348</b>	<b>9,606</b>	<b>8,940</b>
<b>Asia:</b>									
Afghanistan .....	210	210	200	1.33	1.33	1.35	280	280	270
Bangladesh .....	9,980	9,922	9,950	1.81	1.70	1.78	18,041	16,833	17,676
Brunei .....	3	3	3	1.33	1.33	1.33	4	4	4
Burma .....	5,443	5,517	5,700	1.61	1.68	1.75	8,750	9,280	10,000
Cambodia .....	1,800	1,700	1,700	0.83	0.65	0.82	1,500	1,100	1,400
China Peoples Republic .....	30,360	30,171	30,700	4.10	4.08	4.22	124,390	123,151	129,650
India .....	42,034	42,500	42,300	1.91	1.91	1.91	80,300	81,160	80,960
Indonesia .....	10,735	11,170	11,300	2.82	2.90	2.94	30,315	32,400	33,200
Iran .....	600	620	620	2.83	2.90	2.90	1,700	1,800	1,800
Iraq .....	100	150	150	1.50	1.67	1.33	150	250	200
Japan .....	2,139	2,212	2,118	3.33	4.93	4.62	7,129	10,903	9,781
Korea, Democratic Pe .....	600	600	580	1.83	2.33	2.24	1,100	1,400	1,300
Korea, Republic of .....	1,136	1,102	1,056	4.18	4.59	4.45	4,750	5,060	4,694
Laos .....	540	640	550	1.39	1.50	1.55	750	960	850
Malaysia .....	668	665	663	1.95	1.99	2.01	1,300	1,325	1,330
Nepal .....	1,350	1,400	1,450	1.56	1.54	1.52	2,100	2,150	2,200
Pakistan .....	2,188	2,107	2,090	1.83	1.64	1.82	3,995	3,447	3,800
Philippines .....	3,445	3,668	3,924	1.87	1.86	1.85	6,450	6,809	7,263
Sri Lanka .....	751	788	668	2.31	2.40	2.26	1,733	1,890	1,510
Taiwan .....	403	366	365	4.06	4.13	4.13	1,636	1,511	1,509
Thailand .....	8,676	9,196	9,250	1.46	1.54	1.56	12,672	14,124	14,400
Turkey .....	45	46	70	3.24	3.26	3.21	146	150	225
Vietnam .....	6,643	6,680	6,830	2.42	2.49	2.55	16,048	16,600	17,400
<b>Total .....</b>	<b>129,849</b>	<b>131,433</b>	<b>132,237</b>	<b>2.50</b>	<b>2.53</b>	<b>2.58</b>	<b>325,239</b>	<b>332,587</b>	<b>341,422</b>
<b>Oceania:</b>									
Australia .....	132	128	149	5.86	6.35	5.50	774	813	819
<b>World total .....</b>	<b>145,434</b>	<b>147,764</b>	<b>147,907</b>	<b>2.44</b>	<b>2.47</b>	<b>2.51</b>	<b>355,557</b>	<b>365,402</b>	<b>371,633</b>

<sup>1</sup> Crop year beginning Aug. 1. Crops harvested in the Northern Hemisphere during the latter part of the year are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 1-35.—Rice, milled equivalent: International trade, 1993–95<sup>1</sup>

Country	1993	1994	1995 <sup>2</sup>
	1,000 metric tons	1,000 Metric tons	1,000 metric tons
<b>Exports:</b>			
Argentina .....	276	215	350
Australia .....	540	570	519
Burma .....	223	619	645
China .....	1,374	1,519	32
Egypt .....	133	262	150
Guyana .....	122	183	203
India .....	625	600	4,201
Indonesia .....	469	225	0
Pakistan .....	937	1,399	1,592
Taiwan .....	101	117	189
Thailand .....	4,798	4,738	5,931
Uruguay .....	451	396	470
Vietnam .....	1,765	2,222	2,308
EU .....	153	185	250
Others .....	304	421	1,059
Subtotal .....	12,271	13,671	17,899
United States .....	2,644	2,794	3,073
<b>Total<sup>3</sup> .....</b>	<b>14,915</b>	<b>16,465</b>	<b>20,972</b>
<b>Imports:</b>			
Bangladesh .....	0	175	1,570
Brazil .....	831	1,098	850
Canada .....	182	190	214
China .....	112	700	2,000
Cuba .....	397	252	316
Cote d'Ivoire .....	384	187	387
Ghana .....	121	90	106
Guinea .....	160	255	291
Haiti .....	147	140	191
Indonesia .....	22	950	3,000
Iran .....	1,161	645	1,700
Iraq .....	647	64	92
Jamaica & .....	75	75	74
Japan .....	107	2,473	29
Jordan .....	86	127	76
Korea, North .....	112	53	675
Korea, South .....	1	4	13
Liberia .....	73	75	17
Malaysia .....	385	317	437
Mexico .....	275	242	245
Nigeria .....	382	300	450
Peru .....	336	220	258
Philippines .....	215	0	247
Russia .....	127	48	122
Saudi Arabia .....	859	698	615
Senegal .....	396	252	387
South Africa .....	431	402	634
Sri Lanka .....	267	39	25
Syria .....	137	136	200
Turkey .....	309	235	441
UAE .....	75	80	85
Yemen .....	131	172	68
EU .....	444	725	550
Other Western Europe .....	60	60	60
Eastern Europe .....	213	127	172
United States .....	199	244	221
Subtotal .....	9,859	11,850	16,818
Other Countries .....	3,117	2,854	3,209
Unaccounted .....	1,939	1,761	945
<b>World Total<sup>3</sup> .....</b>	<b>14,915</b>	<b>16,465</b>	<b>20,972</b>

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled. <sup>2</sup> Calendar year. <sup>3</sup> World total includes other non-specified countries.

FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



**Table 1-36.—Food grains: Average price, selected markets and grades, 1987–96<sup>1</sup>**

Crop year <sup>2</sup>	Kansas City			Minneapolis			Portland Wheat No. 1 Soft White	St. Louis Wheat, No. 2 Soft Red Winter
	Wheat, No. 1 Hard Winter, Ordinary Protein	Wheat, No. 1 Hard Winter, 13% protein	Wheat, No. 1 Soft Red Winter	Wheat, No. 1 Hard Amber Durum (milling)	Wheat, No. 1 Dark Northern Spring, 14% protein	Rye, No. 2		
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1987 .....	2.96	3.14	2.97	4.13	3.15	1.79	3.06	2.95
1988 .....	4.17	4.23	3.96	5.53	4.36	2.26	4.53	4.08
1989 .....	4.22	4.21	3.93	4.25	4.16	2.24	4.28	3.94
1990 .....	2.94	3.01	2.77	3.48	3.06	2.30	3.16	2.81
1991 .....	3.77	3.77	3.35	3.61	3.82	2.52	4.11	3.32
1992 .....	3.67	3.77	3.56	3.88	3.89	2.91	4.11	3.54
1993 .....	3.67	3.77	3.56	3.88	3.89	2.91	4.11	3.54
1994 .....	3.60	4.40	3.55	5.76	4.92	3.64	3.51	3.23
1995 .....	3.97	4.06	3.76	5.98	4.26	2.94	4.16	3.62
1996 .....	5.49	5.69	5.40	7.04	5.72	3.33	5.27	4.82

Crop year <sup>2</sup>	Chicago Wheat, No. 2 Soft Red Winter	Denver Wheat, No. 1 Hard Winter	San Francisco Milled Rice Short	S.W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice	
				Medium	Long	Medium	Long	Medium	Long
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
1987 .....	2.89	2.61	13.60	12.45	12.70	13.70	13.95	n.a.	13.15
1988 .....	4.00	3.87	17.60	14.45	15.30	15.60	15.75	n.a.	15.85
1989 .....	3.92	3.82	n.a.	14.70	14.95	15.20	15.50	n.a.	15.50
1990 .....	2.73	2.62	n.a.	14.89	15.46	15.40	15.79	n.a.	16.06
1991 .....	3.49	3.41	n.a.	15.75	16.35	16.25	16.50	n.a.	16.50
1992 .....	3.49	3.30	n.a.	14.83	15.49	15.74	16.03	n.a.	16.78
1993 .....	3.49	3.30	( <sup>3</sup> )	13.90	13.29	14.29	12.09	n.a.	16.66
1994 .....	3.22	3.20	( <sup>3</sup> )	20.63	19.77	21.20	19.57	21.23	20.32
1995 .....	3.62	3.57	( <sup>3</sup> )	14.07	14.54	13.16	13.25	n.a.	13.39
1996 .....	4.78	5.03	( <sup>3</sup> )	19.40	19.46	19.22	19.63	( <sup>3</sup> )	19.62

<sup>1</sup> Simple average of daily prices. <sup>2</sup> For wheat and rye, crop year begins in June. For rice, crop year begins in August. <sup>3</sup> Discontinued. n.a. not available.  
AMS, Livestock and Grain Market News branch, (202) 720-6231.

**Table 1-37.—Corn: Area, yield, production, and value, United States, 1987–96**

Year	Area planted, all purposes	Corn for grain				Corn for silage			
		Area harvested	Yield per har- vested acre	Produc- tion	Marketing year aver- age price per bushel	Value of production	Area har- vested	Yield per har- vested acre	Produc- tion <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush- els</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>
1987 .....	66,200	59,505	119.8	7,131,300	1.94	14,107,705	5,994	14.4	86,442
1988 .....	67,717	58,250	84.6	4,928,681	2.54	12,661,362	8,301	9.5	78,911
1989 .....	72,322	64,783	116.3	7,531,953	2.36	17,912,895	6,606	13.0	86,111
1990 .....	74,166	66,952	118.5	7,934,028	2.28	18,191,643	6,123	14.2	86,820
1991 .....	75,957	68,822	108.6	7,474,765	2.37	17,860,947	6,140	13.2	81,216
1992 .....	79,311	72,077	131.5	9,476,698	2.07	19,723,258	6,069	14.4	87,663
1993 .....	73,235	62,921	100.7	6,336,470	2.50	16,031,861	6,831	11.9	81,289
1994 .....	79,175	72,887	138.6	10,102,735	2.26	22,992,309	5,601	15.8	88,588
1995 .....	71,245	64,995	113.5	7,373,876	3.24	24,117,503	5,295	14.7	77,867
1996 <sup>2</sup> .....	79,487	73,147	127.1	9,293,435	2.70	24,852,806	5,395	15.4	83,094

<sup>1</sup> Includes hogged or grazed and that cut and fed without removing grain. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-38.—Corn: Stocks on and off farms, United States, 1988–97**

Year beginning previous December	On farms				Off farms <sup>2</sup>			
	Dec. 1	Mar. 1	Jun. 1	Sep. 1 <sup>1</sup>	Dec. 1	Mar. 1	Jun. 1	Sep. 1 <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1988 .....	6,100,000	4,421,000	3,241,000	2,002,800	3,671,005	3,214,590	2,598,217	2,256,286
1989 .....	4,280,200	3,021,000	2,022,000	967,500	2,791,367	2,182,926	1,397,302	962,928
1990 .....	4,698,800	2,910,500	1,623,500	754,800	2,383,275	1,901,921	1,219,708	589,657
1991 .....	4,874,000	3,064,500	1,755,000	691,200	2,066,289	1,724,474	1,236,957	830,045
1992 .....	4,294,500	2,610,200	1,517,500	605,500	2,252,816	1,950,785	1,221,051	494,811
1993 .....	5,736,900	3,630,000	2,216,500	1,070,700	2,169,463	2,048,215	1,492,943	1,042,281
1994 .....	3,803,000	2,210,200	1,203,000	395,400	2,133,548	1,785,514	1,156,881	454,743
1995 .....	5,417,500	3,502,000	2,072,000	740,900	2,662,980	2,089,693	1,342,896	816,940
1996 .....	3,960,000	2,000,200	780,100	196,600	2,145,774	1,799,341	937,794	229,342
1997 <sup>3</sup> .....	4,800,000	N.A.	N.A.	N.A.	2,105,532	N.A.	N.A.	N.A.

<sup>1</sup> Old crop only. <sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. <sup>3</sup> Preliminary. N.A.= not available.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-39.—Corn: Supply and disappearance, United States, 1986–95**

Year beginning Septem- ber 1	Supply				Disappearance					Ending stocks Aug. 31		
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use			Exports	Total dis- appear- ance	Privately held <sup>1</sup>	Govern- ment	Total
					Feed and re- sidual	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1986 .....	4,040	8,226	2	12,267	4,659	1,233	5,893	1,492	7,385	3,439	1,443	4,882
1987 .....	4,882	7,131	3	12,016	4,789	1,252	6,041	1,716	7,757	3,424	835	4,259
1988 .....	4,259	4,929	3	9,191	3,940	1,295	5,234	2,026	7,260	1,568	363	1,930
1989 .....	1,930	7,532	2	9,464	4,387	1,365	5,752	2,368	8,120	1,111	233	1,344
1990 .....	1,344	7,934	3	9,282	4,621	1,415	6,036	1,725	7,761	1,150	371	1,521
1991 .....	1,521	7,475	20	9,016	4,810	1,522	6,331	1,584	7,915	988	113	1,100
1992 .....	1,100	9,477	7	10,584	5,264	1,544	6,808	1,663	8,471	2,057	56	2,113
1993 .....	2,113	6,336	21	8,470	4,700	1,591	6,292	1,328	7,620	805	45	850
1994 .....	850	10,103	10	10,962	5,537	1,690	7,227	2,177	9,405	1,516	42	1,558
1995 .....	1,558	7,374	16	8,948	4,711	1,583	6,294	2,228	8,522	396	30	426

<sup>1</sup> Includes total Government loans (original and resale). <sup>2</sup> Preliminary. Totals may not add due to independent rounding.  
ERS, Commercial Agriculture Division, (202) 219-0704.

**Table 1-40.—Corn: Area, yield, and production, by States, 1994–96**

State	Area planted all for purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL ...	290	250	310	260	220	280	96.0	75.0	82.0	24,960	16,500	22,960
AZ ...	28	30	55	15	22	40	170.0	170.0	175.0	2,550	3,740	7,000
AR ...	100	95	240	90	85	230	120.0	115.0	125.0	10,800	9,775	28,750
CA ...	420	435	480	180	150	220	170.0	160.0	160.0	30,600	24,000	35,200
CO ...	995	950	1,050	890	830	940	150.0	111.0	142.0	133,500	92,130	133,480
CT ...	45	37	38	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
DE ...	155	145	155	150	139	150	125.0	105.0	143.0	18,750	14,595	21,450
FL ...	120	100	140	80	60	112	85.0	90.0	88.0	6,800	5,400	9,856
GA ...	600	400	580	540	350	525	106.0	90.0	95.0	57,240	31,500	49,875
ID ...	100	95	100	35	35	40	140.0	140.0	135.0	4,900	4,900	5,400
IL ...	11,600	10,200	11,000	11,450	10,000	10,800	156.0	113.0	136.0	1,786,200	1,130,000	1,468,800
IN ...	6,100	5,400	5,600	5,960	5,300	5,450	144.0	113.0	123.0	858,240	598,900	670,350
IA ...	13,000	11,700	12,700	12,700	11,400	12,450	152.0	123.0	138.0	1,930,400	1,402,200	1,718,100
KS ...	2,330	2,150	2,500	2,130	1,970	2,350	143.0	124.0	152.0	304,590	244,280	357,200
KY ...	1,350	1,280	1,300	1,220	1,140	1,200	128.0	108.0	124.0	156,160	123,120	148,800
LA ...	320	230	535	306	221	523	115.0	105.0	125.0	35,190	23,205	65,375
ME ...	30	31	33	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
MD ...	460	450	530	390	400	465	118.0	105.0	139.0	46,020	42,000	64,635
MA ...	29	30	32	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
MI ...	2,550	2,450	2,650	2,230	2,170	2,300	117.0	115.0	94.0	260,910	249,550	216,200
MN ...	7,000	6,700	7,500	6,450	6,150	6,950	142.0	119.0	125.0	915,900	731,850	868,750
MS ...	290	300	630	265	275	605	100.0	95.0	102.0	26,500	26,125	61,710
MO ...	2,400	1,650	2,750	2,300	1,470	2,650	119.0	102.0	134.0	273,700	149,940	355,100
MT ...	60	55	55	20	16	15	135.0	120.0	137.0	2,700	1,920	2,055
NE ...	8,600	8,000	8,500	8,300	7,700	8,300	139.0	111.0	143.0	1,153,700	854,700	1,186,900
NH ...	19	17	17	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
NJ ...	100	98	110	81	78	94	119.0	93.0	126.0	9,639	7,254	11,844
NM ...	133	123	130	85	73	84	150.0	160.0	175.0	12,750	11,680	14,700
NY ...	1,110	1,100	1,150	590	610	630	116.0	105.0	107.0	68,440	64,050	67,410
NC ...	1,000	800	1,000	900	700	900	91.0	107.0	95.0	81,900	74,900	85,500
ND ...	800	700	900	540	510	720	100.0	79.0	91.0	54,000	40,290	65,520
OH ...	3,700	3,300	2,900	3,500	3,100	2,750	139.0	121.0	111.0	486,500	375,100	305,250
OK ...	190	155	200	165	130	170	107.0	125.0	145.0	17,655	16,250	24,650
OR ...	48	46	65	20	21	33	170.0	160.0	165.0	3,400	3,360	5,445
PA ...	1,400	1,380	1,450	1,030	980	1,070	120.0	96.0	119.0	123,600	94,080	127,330
RI ...	3	3	2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
SC ...	370	290	400	345	265	380	85.0	91.0	79.0	29,325	24,115	30,020
SD ...	3,800	2,800	4,000	3,400	2,450	3,700	108.0	79.0	100.0	367,200	193,550	370,000
TN ...	670	640	770	570	540	680	116.0	118.0	116.0	66,120	63,720	78,880
TX ...	2,150	2,100	2,100	2,040	1,900	1,800	117.0	114.0	112.0	238,680	216,600	201,600
UT ...	67	68	65	22	20	21	130.0	100.0	130.0	2,860	2,000	2,730
VT ...	93	87	95	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
VA ...	500	430	450	350	275	310	98.0	111.0	126.0	34,300	30,525	39,060
WA ...	150	150	170	105	102	120	185.0	190.0	185.0	19,425	19,380	22,200
WV ...	70	65	65	35	40	40	105.0	100.0	105.0	3,675	4,000	4,200
WI ...	3,750	3,650	3,900	3,100	3,050	3,000	141.0	114.0	111.0	437,100	347,700	333,000
WY ...	80	80	85	48	48	50	122.0	104.0	123.0	5,856	4,992	6,150
US ...	79,175	71,245	79,487	72,887	64,995	73,147	138.6	113.5	127.1	10,102,735	7,373,876	9,293,435

<sup>1</sup>Preliminary. <sup>2</sup>Not estimated.  
NASS, Crops Branch, (202) 720-2127.

Table 1-41.—Corn: Utilization for silage, by States, 1994–96

State	Silage								
	Area harvested			Yield per acre			Production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL .....	20	15	15	15.0	8.0	11.0	300	120	165
AZ .....	13	8	15	28.0	26.0	27.0	364	208	405
AR .....	5	5	5	11.0	8.0	12.0	55	40	60
CA .....	235	280	255	25.0	25.0	25.0	5,875	7,000	6,375
CO .....	97	105	90	21.0	20.0	21.5	2,037	2,100	1,935
CT .....	38	32	33	18.0	16.5	18.5	684	528	611
DE .....	4	5	4	19.0	19.0	17.0	76	95	68
FL .....	21	20	19	16.0	15.0	17.0	336	300	323
GA .....	45	40	45	16.0	14.0	14.0	720	560	630
ID .....	62	58	58	23.5	23.5	24.0	1,457	1,363	1,392
IL .....	125	120	130	15.0	15.0	14.0	1,875	1,800	1,820
IN .....	100	80	100	17.0	15.0	18.0	1,700	1,200	1,800
IA .....	270	250	220	18.0	15.0	18.0	4,860	3,750	3,960
KS .....	170	130	130	16.0	13.5	15.0	2,720	1,755	1,950
KY .....	120	100	90	17.0	14.5	16.5	2,040	1,450	1,485
LA .....	10	6	10	16.0	16.0	16.0	160	96	160
ME .....	24	28	26	17.0	16.0	14.5	408	448	377
MD .....	65	40	60	14.0	20.0	18.0	910	800	1,080
MA .....	24	27	27	19.5	17.5	19.5	468	473	527
MI .....	300	260	310	14.0	15.0	12.5	4,200	3,900	3,875
MN .....	450	450	475	13.0	12.0	13.0	5,850	5,400	6,175
MS .....	20	22	23	12.5	13.5	10.0	250	297	230
MO .....	80	80	60	13.0	10.0	15.0	1,040	800	900
MT .....	39	38	39	21.0	20.0	21.0	819	760	819
NE .....	225	225	125	16.0	12.5	16.5	3,600	2,813	2,063
NH .....	17	15	15	19.5	18.0	17.0	332	270	255
NJ .....	17	19	14	18.0	15.0	16.0	306	285	224
NM .....	46	49	44	20.0	18.0	21.0	920	882	924
NY .....	520	485	510	15.8	14.0	15.5	8,216	6,790	7,905
NC .....	90	90	80	19.0	17.0	13.0	1,710	1,530	1,040
ND .....	235	165	170	6.6	6.8	8.0	1,551	1,122	1,360
OH .....	170	160	130	18.0	15.5	14.5	3,060	2,480	1,885
OK .....	18	20	20	18.0	14.0	20.0	324	280	400
OR .....	27	24	30	25.0	25.0	27.0	675	600	810
PA .....	360	390	370	17.0	14.0	17.5	6,120	5,460	6,475
RI .....	3	3	2	17.5	15.0	17.0	53	45	34
SC .....	20	20	15	13.5	15.0	12.5	270	300	188
SD .....	350	320	270	8.3	7.5	8.7	2,905	2,400	2,349
TN .....	95	90	75	18.0	14.0	16.0	1,710	1,260	1,200
TX .....	55	70	70	21.0	22.0	16.0	1,155	1,540	1,120
UT .....	43	47	42	22.0	20.0	21.0	946	940	882
VT .....	84	79	76	17.5	17.0	16.5	1,470	1,343	1,254
VA .....	145	145	130	15.5	16.0	16.5	2,248	2,320	2,145
WA .....	45	48	50	26.0	27.0	26.0	1,170	1,296	1,300
WV .....	34	23	20	17.0	15.0	16.0	578	345	320
WI .....	635	580	865	15.0	13.5	13.0	9,525	7,830	11,245
WY .....	30	29	33	18.0	17.0	18.0	540	493	594
US .....	5,601	5,295	5,395	15.8	14.7	15.4	88,588	77,867	83,094

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-42.—Corn for grain: Marketing year average price and value, by States, crop of 1994, 1995, and 1996**

State	Marketing year average price per bushel			Value of production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL .....	2.50	3.50	3.60	62,400	57,750	82,656
AZ .....	3.25	3.70	3.80	8,288	13,838	26,600
AR .....	2.31	3.10	2.90	24,948	30,303	83,375
CA .....	2.98	3.95	3.50	91,188	94,800	123,200
CO .....	2.38	3.33	2.75	317,730	306,793	367,070
DE .....	2.40	3.75	2.85	45,000	54,731	61,133
FL .....	2.40	3.20	3.80	16,320	17,280	37,453
GA .....	2.47	3.55	3.55	141,383	111,825	177,056
ID .....	2.76	4.50	3.45	13,524	22,050	18,630
IL .....	2.27	3.30	2.70	4,054,674	3,729,000	3,965,760
IN .....	2.25	3.38	2.65	1,931,040	2,024,282	1,776,428
IA .....	2.22	3.20	2.60	4,285,488	4,487,040	4,467,060
KS .....	2.32	3.24	2.85	706,649	791,467	1,018,020
KY .....	2.38	3.27	2.95	371,661	402,602	438,960
LA .....	2.40	2.95	3.65	84,456	68,455	238,619
MD .....	2.45	3.65	2.70	112,749	153,300	174,515
MI .....	2.23	3.20	2.40	581,829	798,560	518,880
MN .....	2.23	3.14	2.40	2,042,457	2,298,009	2,085,000
MS .....	2.35	3.00	3.40	62,275	78,375	209,814
MO .....	2.25	3.48	2.80	615,825	521,791	994,280
MT .....	2.65	3.00	2.60	7,155	5,760	5,343
NE .....	2.33	3.22	2.60	2,688,121	2,752,134	3,085,940
NJ .....	2.30	3.75	3.05	22,170	27,203	36,124
NM .....	2.50	2.95	3.20	31,875	34,456	47,040
NY .....	2.65	3.85	3.20	181,366	246,593	215,712
NC .....	2.48	3.54	3.40	203,112	265,146	290,700
ND .....	2.06	3.16	2.65	111,240	127,316	173,628
OH .....	2.23	3.32	2.55	1,084,895	1,245,332	778,388
OK .....	2.55	3.70	3.20	45,020	60,125	78,880
OR .....	2.77	4.11	3.20	9,418	13,810	17,424
PA .....	2.68	3.86	2.65	331,248	363,149	337,425
SC .....	2.40	3.40	3.40	70,380	81,991	102,068
SD .....	2.01	3.23	2.20	738,072	625,167	814,000
TN .....	2.25	3.50	3.05	148,770	223,020	240,584
TX .....	2.51	3.19	3.25	599,087	690,954	655,200
UT .....	2.92	3.88	3.80	8,351	7,760	10,374
VA .....	2.40	3.35	3.45	82,320	102,259	134,757
WA .....	2.70	3.45	3.75	52,448	66,861	83,250
WV .....	2.60	3.85	3.30	9,555	15,400	13,860
WI .....	2.25	3.11	2.55	983,475	1,081,347	849,150
WY .....	2.45	3.90	3.00	14,347	19,469	18,450
US .....	2.26	3.24	2.70	22,992,309	24,117,503	24,852,806

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-43.—Corn: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1993/ 94	1994/ 95	1995/ 96 <sup>3</sup>	1993/ 94	1994/ 95	1995/ 96 <sup>3</sup>	1993/ 94	1994/ 95	1995/ 96 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada .....	986	955	1,000	6.59	7.37	7.25	6,501	7,043	7,251
Costa Rica .....	21	30	30	1.76	1.67	1.67	37	50	50
Cuba .....	80	90	85	0.50	0.56	0.53	40	50	45
Dominican Republic .....	28	25	27	1.00	0.96	0.96	28	24	26
El Salvador .....	310	317	300	2.02	1.50	2.13	625	474	640
Guatemala .....	785	800	820	1.62	1.54	1.59	1,268	1,229	1,300
Haiti .....	170	170	170	1.00	0.94	1.00	170	160	170
Honduras .....	429	380	450	1.37	1.37	1.37	589	520	615
Jamaica and Dep .....	4	4	4	1.25	1.25	1.25	5	5	5
Mexico .....	8,557	8,022	7,000	2.24	2.12	2.29	19,141	17,005	16,000
Nicaragua .....	220	200	200	1.29	0.90	1.25	283	180	250
Panama .....	77	80	80	1.04	1.00	1.00	80	80	80
Trinidad and Tobago .....	3	3	3	1.67	1.67	1.67	5	5	5
United States .....	25,463	29,496	26,303	6.32	8.70	7.12	160,954	256,621	187,305
<b>Total .....</b>	<b>37,133</b>	<b>40,572</b>	<b>36,472</b>	<b>5.11</b>	<b>6.99</b>	<b>5.86</b>	<b>189,726</b>	<b>283,446</b>	<b>213,742</b>
<b>South America:</b>									
Argentina .....	2,400	2,500	2,600	4.17	4.36	4.10	10,000	10,900	10,660
Bolivia .....	400	290	270	1.63	1.90	1.94	650	550	525
Brazil .....	13,692	14,189	13,700	2.41	2.61	2.41	32,934	36,982	33,000
Chile .....	105	104	104	8.92	8.96	8.94	937	932	930
Colombia .....	700	700	725	1.64	1.71	1.52	1,150	1,200	1,100
Ecuador .....	290	270	250	1.79	1.78	2.00	520	480	500
Guyana .....	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay .....	218	315	300	2.12	2.54	2.00	462	800	600
Peru .....	367	384	390	2.11	2.04	2.05	775	785	800
Uruguay .....	57	70	70	1.81	1.57	1.57	103	110	110
Venezuela .....	262	460	460	2.46	2.26	2.39	645	1,040	1,100
<b>Total .....</b>	<b>18,496</b>	<b>19,287</b>	<b>18,874</b>	<b>2.60</b>	<b>2.79</b>	<b>2.61</b>	<b>48,181</b>	<b>53,784</b>	<b>49,330</b>
<b>Europe:</b>									
Austria .....	170	179	173	8.96	7.94	8.51	1,524	1,421	1,473
Belgium-Luxembourg .....	19	26	25	8.63	8.04	8.76	164	209	219
France .....	1,848	1,637	1,623	8.03	7.72	7.61	14,843	12,640	12,349
Germany .....	331	344	325	8.02	7.11	7.37	2,656	2,446	2,395
Greece .....	100	158	100	9.00	8.48	9.00	900	1,340	900
Italy .....	927	909	941	8.66	8.05	8.98	8,029	7,320	8,446
Netherlands .....	5	11	9	19.00	7.55	7.00	95	83	63
Portugal .....	106	110	140	5.36	5.09	4.26	568	560	597
Spain .....	274	340	351	6.20	6.67	7.12	1,698	2,269	2,500
Sweden .....	3	3	3	3.33	3.33	3.33	10	10	10
<b>Total Eastern Europe .....</b>	<b>3,783</b>	<b>3,717</b>	<b>3,690</b>	<b>8.06</b>	<b>7.61</b>	<b>7.85</b>	<b>30,487</b>	<b>28,298</b>	<b>28,952</b>
Switzerland .....	26	30	25	8.08	8.67	9.20	210	260	230
<b>Total Western Europe .....</b>	<b>26</b>	<b>30</b>	<b>25</b>	<b>8.08</b>	<b>8.67</b>	<b>9.20</b>	<b>210</b>	<b>260</b>	<b>230</b>
Albania .....	50	60	60	3.00	3.33	3.33	150	200	200
Bulgaria .....	615	490	430	1.59	2.82	3.26	980	1,383	1,400
Czech Republic .....	32	35	27	4.88	3.51	4.19	156	123	113
Hungary .....	1,130	1,200	1,040	3.55	3.58	4.42	4,012	4,300	4,600
Poland .....	55	58	48	5.27	3.26	4.98	290	189	239
Romania .....	3,100	2,998	3,122	2.58	2.84	3.18	8,000	8,500	9,923
Slovakia .....	148	127	122	4.55	4.10	4.89	674	521	596
Yugoslavia .....	2,104	2,100	2,100	2.81	3.57	3.95	5,912	7,500	8,300
<b>Total Eastern Europe .....</b>	<b>7,234</b>	<b>7,068</b>	<b>6,949</b>	<b>2.79</b>	<b>3.21</b>	<b>3.65</b>	<b>20,174</b>	<b>22,716</b>	<b>25,371</b>
<b>Total Europe .....</b>	<b>11,043</b>	<b>10,815</b>	<b>10,664</b>	<b>4.61</b>	<b>4.74</b>	<b>5.12</b>	<b>50,871</b>	<b>51,274</b>	<b>54,553</b>
<b>Fmr. Soviet Union .....</b>	<b>2,937</b>	<b>1,880</b>	<b>2,465</b>	<b>3.05</b>	<b>2.14</b>	<b>2.84</b>	<b>8,957</b>	<b>4,032</b>	<b>6,990</b>
<b>Africa:</b>									
Algeria .....	1	1	1	2.00	2.00	2.00	2	2	2
Angola .....	500	500	700	0.40	0.47	0.50	200	235	350
Benin .....	500	480	475	1.00	1.02	1.00	500	490	475
Botswana .....	40	30	40	0.25	0.17	0.25	10	5	10
Burkina .....	197	218	250	1.38	1.61	1.46	271	350	366
Burundi .....	120	100	110	1.42	1.25	1.00	170	125	110
Cameroon .....	450	450	460	0.96	0.96	1.09	430	430	500
Cape Verde .....	10	10	15	1.20	0.90	0.67	12	9	10
Central African Republic .....	70	70	75	0.83	0.86	0.80	58	60	60
Chad .....	69	111	80	1.45	0.85	1.01	100	94	81
Congo (Brazzaville) .....	32	30	30	0.63	0.67	0.67	20	20	20
Egypt .....	811	886	887	6.14	6.38	6.47	4,980	5,650	5,738

See footnotes at end of table.

**Table 1-43.—Corn: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1993/ 94	1994/ 95	1995/ 96 <sup>3</sup>	1993/ 94	1994/ 95	1995/ 96 <sup>3</sup>	1993/ 94	1994/ 95	1995/ 96 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Ethiopia .....	1,000	1,025	1,325	1.70	1.69	1.57	1,700	1,732	2,075
Gambia, The .....	15	16	15	1.60	1.38	1.33	24	22	20
Ghana .....	637	629	650	1.51	1.49	1.66	960	940	1,080
Guinea .....	86	95	80	1.20	1.20	1.13	103	114	90
Guinea-Bissau .....	13	13	15	1.00	1.08	1.00	13	14	15
Cote d'Ivoire .....	660	675	685	0.82	0.83	0.85	540	560	580
Kenya .....	1,740	1,740	1,750	1.01	1.71	1.49	1,755	2,970	2,600
Lesotho .....	150	100	125	1.17	0.72	1.00	175	72	125
Madagascar .....	165	140	140	1.09	1.14	1.14	180	160	160
Malawi .....	1,350	1,400	1,450	0.78	1.14	1.31	1,050	1,600	1,900
Mali .....	257	284	200	1.10	1.13	1.20	283	320	239
Mauritania .....	6	13	3	1.17	0.46	1.00	7	6	3
Morocco .....	300	324	450	0.31	0.63	0.78	92	203	350
Mozambique .....	600	700	700	0.88	1.05	1.14	525	734	800
Nigeria .....	3,482	3,500	3,550	1.81	1.83	1.83	6,291	6,417	6,500
Rwanda .....	50	40	50	1.48	1.50	1.50	74	60	75
Senegal .....	108	110	110	1.28	1.00	1.09	138	110	120
Sierra Leone .....	14	10	8	0.86	0.90	1.00	12	9	8
Somalia .....	80	150	150	0.99	1.33	1.00	79	200	150
South Africa, Rep. of .....	3,900	2,952	3,300	3.40	1.64	3.09	13,275	4,845	10,200
Swaziland .....	75	60	75	1.32	1.27	1.07	99	76	80
Tanzania, United Rep. ....	1,600	1,650	1,655	1.44	1.30	1.55	2,300	2,150	2,570
Togo .....	200	170	325	1.95	1.47	0.92	390	250	300
Tunisia .....	1	1	1	1.00	1.00	1.00	1	1	1
Uganda .....	503	563	594	1.60	1.60	1.60	804	900	950
Zaire .....	1,300	1,454	1,400	0.92	0.83	0.93	1,200	1,200	1,300
Zambia .....	700	650	750	1.46	1.23	2.00	1,020	800	1,500
Zimbabwe .....	1,400	1,400	1,550	1.54	0.64	1.68	2,160	889	2,600
<b>Total .....</b>	<b>23,192</b>	<b>22,750</b>	<b>24,229</b>	<b>1.81</b>	<b>1.53</b>	<b>1.82</b>	<b>42,003</b>	<b>34,824</b>	<b>44,113</b>
<b>Asia:</b>									
Afghanistan .....	400	450	425	1.50	1.56	1.53	600	700	650
Bhutan .....	50	50	50	1.70	1.70	1.70	85	85	85
Burma .....	115	159	160	1.56	1.61	1.69	179	256	270
Cambodia .....	48	49	50	1.25	1.33	1.30	60	65	65
China, People's Republic of .....	20,690	21,152	22,767	4.96	4.69	4.92	102,700	99,280	112,000
India .....	5,990	6,100	6,100	1.60	1.50	1.61	9,600	9,120	9,800
Indonesia .....	2,950	3,000	2,950	1.83	1.73	1.80	5,400	5,200	5,300
Iran .....	45	50	50	1.56	1.40	1.40	70	70	70
Iraq .....	130	140	140	2.15	2.14	2.14	280	300	300
Japan .....	1	1	1	2.00	2.00	2.00	2	2	2
Jordan .....	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Democratic People's Rep .....	680	700	600	3.24	3.29	3.33	2,200	2,300	2,000
Korea, Rep. of .....	20	22	18	4.10	4.05	4.11	82	89	74
Lebanon .....	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia .....	20	20	20	1.90	2.00	2.00	38	40	40
Nepal .....	700	750	725	1.43	1.60	1.66	1,000	1,200	1,200
Pakistan .....	878	886	850	1.38	1.49	1.50	1,213	1,318	1,275
Philippines .....	3,100	2,967	2,760	1.62	1.53	1.56	5,030	4,534	4,300
Saudi Arabia .....	3	3	3	1.33	1.33	1.33	4	4	4
Syria .....	70	66	65	3.29	3.03	3.08	230	200	200
Taiwan .....	62	57	60	4.61	4.63	4.17	286	264	250
Thailand .....	1,070	1,200	1,140	2.71	3.17	3.25	2,900	3,800	3,700
Turkey .....	630	480	480	3.97	3.54	3.75	2,500	1,700	1,800
Vietnam .....	500	500	500	1.60	1.80	1.80	800	900	900
Yemen .....	40	40	40	1.88	1.75	1.75	75	70	70
<b>Total .....</b>	<b>38,195</b>	<b>38,845</b>	<b>39,957</b>	<b>3.54</b>	<b>3.39</b>	<b>3.61</b>	<b>135,337</b>	<b>131,500</b>	<b>144,358</b>
<b>Oceania:</b>									
Australia .....	44	56	63	5.66	4.63	5.03	249	259	317
New Zealand .....	18	18	18	9.44	8.89	8.89	170	160	160
<b>Total .....</b>	<b>62</b>	<b>74</b>	<b>81</b>	<b>6.76</b>	<b>5.66</b>	<b>5.89</b>	<b>419</b>	<b>419</b>	<b>477</b>
<b>World total .....</b>	<b>131,058</b>	<b>134,223</b>	<b>132,742</b>	<b>3.63</b>	<b>4.17</b>	<b>3.87</b>	<b>475,494</b>	<b>559,279</b>	<b>513,563</b>

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1994 and ends early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

**Table 1-44.—Corn: Price-support operations, United States, 1987/88–1996/97**

Marketing year beginning September 1	Support price				Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC at end of marketing year
	Per bushel		Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
	Loan	Target <sup>1</sup>	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1987/88 .....	1.82	3.03	37	62	4,186	58.7	787	835
1988/89 .....	1.77	2.93	35	58	756	15.3	151	363
1989/90 .....	1.65	2.84	31	53	920	12.2	361	233
1990/91 .....	1.57	2.75	28	49	1,071	13.5	285	371
1991/92 .....	1.62	2.75	29	49	1,006	13.5	291	113
1992/93 .....	1.72	2.75	30	49	1,646	17.4	0	56
1993/94 .....	1.72	2.75	29	47	618	9.8	0	45
1994/95 .....	1.89	2.75	33	48	2,002	19.8	0	42
1995/96 .....	1.89	2.75	32	47	676	9.1	0	30
1996/97 .....	1.89	N.A.						

<sup>1</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>2</sup> The underlying parity price used here represents a simple 12-month average of the 12 monthly parity prices in the calendar year in which the crop was harvested. <sup>3</sup> Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis. <sup>4</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous year. N.A. = Not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-4417.

**Table 1-45.—Corn: United States exports, specified by country of destination, 1993/94–1994/95**

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1993/94	1994/95		1993/94	1994/95
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Corn:			Korea, Rep. of .....	631	8,921
Canada .....	585	1,108	Taiwan .....	4,955	6,210
Mexico .....	1,678	3,166	Japan .....	11,923	16,030
Venezuela .....	751	886	Other Asia .....	36	5,575
Peru .....	118	637	Total Asia .....	17,565	36,736
Brazil .....	32	368	Egypt .....	1,437	2,342
Chile .....	245	428	Nigeria .....	0	0
Other Americas .....	2,451	2,866	Other Africa .....	1,843	2,229
Total Americas .....	5,860	9,459	Total Africa .....	3,279	4,571
European Union .....	1,725	3,202	Other countries .....	2,011	4,277
Other Western Europe .....	38	173	World total .....	33,057	58,645
Total W. Europe .....	1,763	3,375			
Poland .....	0	37			
Former Soviet Union .....	2,531	115			
Other E. Europe .....	48	75			
Total E. Europe and Former Soviet Union .....	2,579	227			

<sup>1</sup> Year beginning Oct. 1.

FAS, Grain and Feed Division, (202) 720-6219.



**Table 1-46.—Oats: Area, yield, production, and value, United States, 1987–96**

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers	Value of production
	Planted <sup>1</sup>	Harvested				
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1987 .....	17,907	6,888	54.3	373,713	1.56	605,599
1988 .....	13,907	5,530	39.3	217,375	2.61	532,238
1989 .....	12,085	6,882	54.3	373,587	1.49	548,938
1990 .....	10,423	5,947	60.1	357,654	1.14	417,762
1991 .....	8,653	4,816	50.6	243,851	1.21	309,735
1992 .....	7,943	4,496	65.4	294,229	1.32	399,595
1993 .....	7,937	3,803	54.4	206,770	1.36	291,014
1994 .....	6,639	4,010	57.1	229,008	1.22	299,810
1995 .....	6,336	2,962	54.7	162,027	1.67	280,547
1996 <sup>2</sup> .....	4,661	2,687	57.8	155,225	1.90	309,006

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall. <sup>2</sup> Preliminary. NASS, Crops Branch, (202) 720-2127.

**Table 1-47.—Oats: Stocks on and off farms, United States, 1987–96**

Year beginning October	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	Jun. 1	Oct. 1	Jan. 1	Apr. 1	Jun. 1
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1987 .....	.....	.....	( <sup>2</sup> )	76,900	.....	.....	( <sup>2</sup> )	35,129
1988 .....	.....	.....	( <sup>2</sup> )	59,930	.....	.....	( <sup>2</sup> )	38,404

Year beginning September	On farms				Off farms <sup>1</sup>			
	Sep. 1	Dec. 1	Mar. 1	Jun. 1	Sep. 1	Dec. 1	Mar. 1	Jun. 1
1989 .....	.....	.....	140,000	82,850	.....	.....	74,749	74,062
1990 <sup>4</sup> .....	234,700	194,700	138,600	92,400	117,009	99,398	90,659	78,831
1991 .....	173,600	148,100	98,150	61,000	110,487	96,508	76,735	66,721
1992 .....	199,900	161,200	110,250	66,130	94,717	81,292	64,875	47,063
1993 .....	161,000	124,200	85,050	53,940	58,004	69,517	61,502	51,583
1994 .....	144,300	113,400	78,400	46,750	75,551	78,664	70,575	53,848
1995 .....	107,200	87,200	57,350	32,600	72,967	65,804	55,268	33,708
1996 <sup>5</sup> .....	93,400	80,650	N.A.	N.A.	39,532	47,872	N.A.	N.A.

<sup>1</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. <sup>2</sup> Discontinued. <sup>3</sup> Per program modification estimates available only for June 1. <sup>4</sup> Per program modifications: stocks estimates for oats were restored for Sept. 1, Dec. 1, and Mar. 1. <sup>5</sup> Preliminary. N.A. = Not available. NASS, Crops Branch, (202) 720-2127.

**Table 1-48.—Oats: Supply and disappearance, United States, 1986–95**

Year beginning June 1	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held <sup>1</sup>	Government	Total
					Feed and residual	Food and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1986 ....	184	385	32	601	385	83	468	1	468	129	4	133
1987 ....	133	374	46	552	358	81	440	1	440	109	4	112
1988 ....	112	217	63	392	194	100	294	1	294	96	2	98
1989 ....	98	374	66	538	266	115	381	1	381	156	1	157
1990 ....	157	358	63	578	286	120	406	1	407	171	( <sup>2</sup> )	171
1991 ....	171	244	75	490	235	125	360	2	362	128	( <sup>2</sup> )	128
1992 ....	128	294	55	477	233	125	358	6	364	113	( <sup>2</sup> )	113
1993 ....	113	207	107	427	193	125	318	3	321	106	0	106
1994 ....	106	229	93	428	202	124	326	1	327	101	0	101
1995 <sup>3</sup> ...	101	162	81	343	152	123	275	2	277	66	0	66

<sup>1</sup> Includes total Government loans (original and resale). <sup>2</sup> Less than 500,000 bushels. <sup>3</sup> Preliminary. Totals may not add due to independent rounding. ERS, Commercial Agriculture Division, (202) 219-0704.

**Table 1-49.—Oats: Price-support operations, United States, 1987/88–1996/97**

Marketing Year beginning June 1	Support price				Put under support <sup>3</sup>		Acquired by CCC under sup- port pro- gram <sup>4</sup>	Owned by CCC at end of marketing year
	Per bushel		Percentage of parity <sup>2</sup>		Quantity	Percent- age of production		
	Loan	Target <sup>1</sup>	Loan	Target				
	Dollars	Dollars	Percent	Percent	Million bushels	Percent	Million bushels	Million bushels
1987/88 .....	0.94	1.60	34	57	2.9	0.8	0.5	3.5
1988/89 .....	0.90	1.55	31	54	1.0	0.5	0.1	2.4
1989/90 .....	0.85	1.50	27	48	1.8	0.5	0.1	0.7
1990/91 .....	0.81	1.45	24	43	1.6	0.4	0.0	0.4
1991/92 .....	0.83	1.45	25	43	1.7	0.7	0.0	0.2
1992/93 .....	0.88	1.45	28	45	2.8	1.0	0.0	0.1
1993/94 .....	0.88	1.45	27	44	1.8	0.9	0.0	0.0
1994/95 .....	0.97	1.45	30	45	1.9	0.8	0.0	0.0
1995/96 .....	0.97	1.45	30	45	0.7	0.4	0.0	0.0
1996/97 .....	1.03	N.A.	.....	.....	.....	.....	.....	.....

<sup>1</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>2</sup> The underlying parity price used here represents a simple 12-month average of the 12 monthly parity prices in the calendar year in which the crop was harvested. <sup>3</sup> Includes loans made, purchases, and purchase agreements entered into. <sup>4</sup> Acquisitions and loans forfeited during the marketing year including loans made in previous year. N.A. = Not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-4417.

**Table 1-50.—Oats: Area, yield, and production, by States, 1994–96**

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1994	1995	1996 <sup>2</sup>	1994	1995	1996 <sup>2</sup>	1994	1995	1996 <sup>2</sup>	1994	1995	1996 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels
AL .....	65	50	40	30	23	20	55.0	35.0	45.0	1,650	805	900
AR .....	25	20	30	20	18	25	77.0	85.0	72.0	1,540	1,530	1,800
CA .....	310	350	300	30	30	30	80.0	85.0	75.0	2,400	2,550	2,250
CO .....	75	95	80	24	33	35	60.0	62.0	52.0	1,440	2,046	1,820
GA .....	80	75	70	50	35	35	67.0	50.0	64.0	3,350	1,750	2,240
ID .....	70	90	60	20	20	25	65.0	80.0	75.0	1,300	1,600	1,875
IL .....	110	500	90	90	80	70	61.0	67.0	66.0	5,490	5,360	4,620
IN .....	75	90	40	35	30	25	53.0	68.0	64.0	1,855	2,040	1,600
IA .....	600	750	285	430	225	190	62.0	65.0	68.0	26,660	14,625	12,920
KS .....	160	130	130	120	80	80	46.0	47.0	52.0	5,520	3,760	4,160
ME .....	27	30	31	24	27	28	70.0	60.0	75.0	1,680	1,620	2,100
MD .....	8	8	9	6	6	7	45.0	61.0	62.0	270	366	434
MI .....	140	110	70	110	90	60	57.0	57.0	60.0	6,270	5,130	3,600
MN .....	575	625	320	450	375	270	55.0	48.0	56.0	24,750	18,000	15,120
MO .....	55	45	52	34	29	29	52.0	47.0	53.0	1,768	1,363	1,537
MT .....	140	145	100	75	80	50	48.0	59.0	40.0	3,600	4,720	2,000
NE .....	240	155	165	150	90	105	50.0	50.0	71.0	7,500	4,500	7,455
NY .....	130	110	90	110	90	75	64.0	59.0	57.0	7,040	5,310	4,275
NC .....	85	60	50	40	30	20	65.0	65.0	60.0	2,600	1,950	1,200
ND .....	860	650	530	550	450	380	61.0	48.0	50.0	33,550	21,600	19,000
OH .....	150	120	120	120	100	90	56.0	69.0	57.0	6,720	6,900	5,130
OK .....	80	60	50	30	20	20	37.0	39.0	30.0	1,110	780	600
OR .....	75	75	80	45	35	35	100.0	97.0	97.0	4,500	3,395	3,395
PA .....	190	190	160	160	160	135	53.0	59.0	56.0	8,480	9,440	7,560
SC .....	65	55	50	40	35	30	71.0	45.0	54.0	2,840	1,575	1,620
SD .....	750	350	450	560	250	360	56.0	46.0	60.0	31,360	11,500	21,600
TX .....	650	650	650	130	120	100	40.0	42.0	34.0	5,200	5,040	3,400
UT .....	40	50	45	8	9	9	75.0	70.0	72.0	600	630	648
WA .....	45	32	28	20	14	14	58.0	80.0	80.0	1,160	1,120	1,120
WV .....	9	8	6	5	5	3	45.0	42.0	50.0	225	210	150
WI .....	700	590	430	470	340	300	54.0	55.0	58.0	25,380	18,700	17,400
WY .....	55	68	50	24	33	32	50.0	64.0	53.0	1,200	2,112	1,696
US .....	6,639	6,336	4,661	4,010	2,962	2,687	57.1	54.7	57.8	229,008	162,027	155,225

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall. <sup>2</sup> Preliminary. NASS, Crops Branch, (202) 720-2127.

**Table 1-51.—Oats: Marketing year average price and value, by States, crop of 1994, 1995, and 1996**

State	Marketing year average price per bushel			Value of production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL .....	1.30	1.85	2.85	2,145	1,489	2,565
AR .....	1.96	1.75	2.84	3,018	2,678	5,112
CA .....	2.93	2.09	2.30	7,032	5,330	5,175
CO .....	1.80	2.17	2.20	2,592	4,440	4,004
GA .....	1.46	1.70	2.60	4,891	2,975	5,824
ID .....	1.34	1.95	2.05	1,742	3,120	3,844
IL .....	1.43	1.74	2.15	7,851	9,326	9,933
IN .....	1.63	1.59	2.50	3,024	3,244	4,000
IA .....	1.30	1.76	2.10	34,658	25,740	27,132
KS .....	1.40	1.71	1.95	7,728	6,430	8,112
ME .....	1.02	1.34	1.55	1,714	2,171	3,255
MD .....	1.50	1.90	2.75	405	695	1,194
MI .....	1.44	1.90	2.30	9,029	9,747	8,280
MN .....	1.15	1.59	1.75	28,463	28,620	26,460
MO .....	1.55	2.00	2.25	2,740	2,726	3,458
MT .....	1.30	1.75	1.70	4,680	8,260	3,400
NE .....	1.29	1.83	2.05	9,675	8,235	15,283
NY .....	1.42	1.65	2.20	9,997	8,762	9,405
NC .....	1.70	1.50	2.50	4,420	2,925	3,000
ND .....	1.05	1.52	1.60	35,228	32,832	30,400
OH .....	1.42	1.68	2.35	9,542	11,592	12,056
OK .....	1.45	1.80	3.20	1,610	1,404	1,920
OR .....	1.47	1.89	2.15	6,615	6,417	7,299
PA .....	1.54	1.91	2.05	13,059	18,030	15,498
SC .....	1.50	1.65	2.40	4,260	2,599	3,888
SD .....	1.20	1.88	1.80	37,632	21,620	38,880
TX .....	1.83	2.19	3.50	9,516	11,038	11,900
UT .....	1.65	2.05	2.15	990	1,292	1,393
WA .....	1.30	1.75	2.05	1,508	1,960	2,296
WV .....	2.05	2.20	2.45	461	462	368
WI .....	1.25	1.63	1.75	31,725	30,481	30,450
WY .....	1.55	1.85	1.90	1,860	3,907	3,222
US .....	1.22	1.67	1.90	299,810	280,547	309,006

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-52.—Oats: Area, yield, and production in specified countries, 1993/94–1995/96 <sup>1</sup>**

Country and continent	Area <sup>2</sup>			Yield per hectare			Production		
	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada .....	1,341	1,490	1,203	2.65	2.44	2.38	3,549	3,638	2,858
Mexico .....	100	100	100	1.00	1.00	1.00	100	100	100
United States .....	1,539	1,623	1,199	1.95	2.05	1.96	3,001	3,324	2,352
Total .....	2,980	3,213	2,502	2.23	2.20	2.12	6,650	7,062	5,310
Argentina .....	350	275	275	1.25	1.27	1.27	437	350	350
Brazil .....	290	290	300	1.07	1.07	1.00	310	310	300
Chile .....	58	65	70	3.03	3.11	2.86	176	202	200
Colombia .....	3	3	3	1.33	1.33	1.33	4	4	4
Ecuador .....	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay .....	60	60	60	0.83	1.00	1.00	50	60	60
Total .....	762	694	709	1.28	1.34	1.29	978	927	915

See footnotes at end of table.

**Table 1-52.—Oats: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:									
Austria .....	50	49	41	3.80	3.51	3.93	190	172	161
Belgium .....	15	13	9	4.80	4.23	4.22	72	55	38
Denmark .....	30	40	32	5.00	3.50	5.25	150	140	168
Finland .....	330	333	329	3.64	3.45	3.33	1,200	1,150	1,097
France .....	169	162	149	4.22	4.20	4.16	713	681	620
Germany .....	359	392	309	4.82	4.24	4.60	1,731	1,663	1,421
Greece .....	43	40	40	1.63	1.75	1.75	70	70	70
Ireland .....	17	18	18	6.00	6.11	5.56	102	110	100
Italy .....	144	144	135	2.58	2.47	2.26	372	355	305
Netherlands .....	5	6	7	6.00	4.67	6.00	30	28	42
Portugal .....	102	80	80	0.81	0.81	0.69	83	65	55
Spain .....	330	346	300	1.21	1.16	0.72	400	402	216
Sweden .....	300	323	273	4.32	3.07	3.47	1,295	991	947
United Kingdom .....	92	110	110	5.22	4.35	5.43	480	479	597
Total EU .....	1,986	2,056	1,832	3.47	3.09	3.19	6,888	6,361	5,837
Norway .....	106	98	93	3.58	3.01	3.78	380	295	352
Switzerland .....	11	10	10	5.27	5.50	5.50	58	55	55
Total W. Europe .....	2,195	2,274	2,045	3.56	3.16	3.35	7,806	7,190	6,841
Albania .....	20	20	20	1.00	1.25	1.25	20	25	25
Bulgaria .....	20	53	36	1.50	1.58	1.31	30	84	47
Czech Republic .....	68	68	60	3.60	3.28	3.12	245	223	187
Hungary .....	50	50	50	2.00	3.00	2.60	100	150	130
Poland .....	642	618	595	2.34	2.01	2.51	1,500	1,243	1,495
Romania .....	360	360	220	1.53	1.67	1.82	550	600	400
Slovakia .....	13	14	16	2.62	2.36	2.63	34	33	42
Yugoslavia .....	130	120	120	1.77	1.67	1.67	230	200	200
Total E. Europe .....	1,303	1,303	1,117	1.23	1.58	1.53	2,709	2,558	2,526
Total Europe .....	5,484	5,633	4,994	3.17	2.86	3.04	17,403	16,109	15,204
Fmr. Soviet Union .....	9,927	10,131	9,471	1.41	1.51	1.39	15,017	14,064	10,916
Algeria .....	100	1	100	0.50	1.00	0.50	50	1	50
Morocco .....	43	43	30	0.67	0.67	0.67	29	29	20
South Africa, Rep. of .....	801	700	698	0.06	0.05	0.05	50	37	38
Total .....	944	744	828	0.14	0.09	0.13	129	67	108
Asia:									
China, People's Republic .....	540	500	540	1.19	1.20	1.19	640	600	640
Japan .....	2	2	3	1.50	1.50	1.33	3	3	4
Turkey .....	145	150	150	1.93	2.00	1.83	280	300	275
Total .....	687	652	693	1.34	1.38	1.33	923	903	919
Oceania:									
Australia .....	996	937	1,035	1.66	0.96	1.62	1,651	897	1,672
New Zealand .....	19	20	20	3.74	3.75	3.75	71	75	75
Total .....	1,015	957	1,055	1.70	1.02	1.66	1,722	972	1,747
World total .....	19,721	19,858	18,310	1.80	1.68	1.57	35,454	33,264	28,685

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1994 and ends early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 1-53.—Barley: Area, yield, production, and value, United States, 1987–96**

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers	Value of production
	Planted <sup>1</sup>	Harvested				
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1987 .....	10,929	9,957	52.4	521,499	1.81	967,008
1988 .....	9,831	7,636	38.0	289,994	2.80	775,229
1989 .....	9,125	8,313	48.6	404,203	2.42	968,180
1990 .....	8,221	7,529	56.1	422,196	2.14	911,545
1991 .....	8,941	8,413	55.2	464,326	2.10	996,542
1992 .....	7,762	7,285	62.5	455,090	2.04	946,463
1993 .....	7,786	6,753	58.9	398,041	1.99	812,889
1994 .....	7,159	6,667	56.2	374,862	2.03	783,709
1995 .....	6,689	6,279	57.3	359,562	2.89	1,028,756
1996 <sup>2</sup> .....	7,174	6,787	58.5	396,851	2.75	1,091,378

<sup>1</sup> Barley sown for all purposes, including barley sown in the preceding fall. <sup>2</sup> Preliminary. NASS, Crops Branch, (202) 720-2127.

**Table 1-54.—Barley: Stocks on and off farms, United States, 1987–96**

Year beginning October	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1	Oct. 1	Jan. 1	Apr. 1	June 1
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1987 .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	193,020	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	128,107
Year beginning September	Sep. 1	Dec. 1	Mar. 1	Jun 1	Sep. 1	Dec. 1	Mar. 1	Jun 1
1988 .....	238,910	182,470	123,265	84,519	211,468	189,648	157,334	111,877
1989 .....	254,350	186,440	102,825	48,590	163,598	164,168	149,870	112,226
1990 .....	258,400	176,400	94,850	48,990	152,453	129,327	116,062	86,392
1991 .....	271,000	196,300	102,000	45,140	168,952	132,087	113,890	83,457
1992 .....	261,000	198,350	122,880	68,220	157,402	148,226	121,057	82,962
1993 .....	277,600	194,150	116,475	63,870	125,102	139,277	107,807	74,988
1994 .....	220,150	166,300	86,800	37,905	131,740	112,560	106,156	74,688
1995 .....	198,900	121,400	58,825	25,600	113,624	121,110	119,107	73,993
1996 <sup>3</sup> .....	193,700	137,700	N.A.	N.A.	122,078	110,524	N.A.	N.A.

<sup>1</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. <sup>2</sup> Per program modification estimates not available for Apr., Oct., and/or Jan. <sup>3</sup> Preliminary. N.A. = Not available. NASS, Crops Branch, (202) 720-2127.

**Table 1-55.—Barley: Supply and disappearance, United States, 1986–95**

Year beginning June 1	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held <sup>1</sup>	Government	Total
					Feed and residual	Food, alcohol, and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1986 .....	327	609	7	942	308	164	472	134	606	261	76	336
1987 .....	336	521	11	869	263	164	427	121	548	271	50	321
1988 .....	321	290	11	622	182	164	346	79	425	166	30	196
1989 .....	196	404	13	614	201	167	369	84	453	142	19	161
1990 .....	161	422	13	596	213	168	380	81	461	127	8	135
1991 .....	135	464	25	624	234	167	401	94	496	122	7	129
1992 .....	129	455	11	595	197	167	364	80	444	146	5	151
1993 .....	151	398	71	621	250	166	416	66	482	134	5	139
1994 .....	139	375	66	580	235	166	401	66	467	108	5	113
1995 <sup>2</sup> .....	113	360	41	513	185	166	351	62	413	95	5	100

<sup>1</sup> Includes Government loans (original and resale). <sup>2</sup> Preliminary. Totals may not add due to independent rounding. ERS, Commercial Agriculture Division, (202) 219-0704.

**Table 1-56.—Barley: Area, yield, and production, by States, 1994–96**

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1994	1995	1996 <sup>2</sup>	1994	1995	1996 <sup>2</sup>	1994	1995	1996 <sup>2</sup>	1994	1995	1996 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
AZ .....	35	25	55	33	21	54	95.0	90.0	105.0	3,135	1,890	5,670
CA .....	290	260	280	220	200	220	65.0	70.0	60.0	14,300	14,000	13,200
CO .....	90	110	100	83	100	92	90.0	100.0	108.0	7,470	10,000	9,936
DE .....	35	40	25	30	37	23	63.0	80.0	68.0	1,890	2,960	1,564
ID .....	740	780	750	720	760	730	75.0	80.0	73.0	54,000	60,800	53,290
KS .....	15	10	13	14	9	11	38.0	35.0	33.0	532	315	363
KY .....	16	18	22	14	15	20	79.0	70.0	74.0	1,106	1,050	1,480
MD .....	65	65	55	60	62	49	70.0	81.0	61.0	4,200	5,022	2,989
MI .....	35	25	28	32	23	25	51.0	50.0	48.0	1,632	1,150	1,200
MN .....	650	610	550	600	580	520	50.0	50.0	64.0	30,000	29,000	33,280
MT .....	1,300	1,300	1,300	1,200	1,200	1,200	44.0	52.0	43.0	52,800	62,400	51,600
NE .....	10	8	20	8	6	17	38.0	37.0	53.0	304	222	910
NV .....	6	6	6	4	4	5	85.0	80.0	75.0	340	320	375
NJ .....	7	5	3	5	5	3	53.0	65.0	60.0	265	325	180
NC .....	30	35	25	25	30	20	70.0	60.0	65.0	1,750	1,800	1,300
ND .....	2,500	2,300	2,650	2,400	2,250	2,600	55.0	45.0	55.0	132,000	101,250	143,000
OK .....	9	6	6	6	5	3	37.0	34.0	23.0	222	170	69
OR .....	140	105	160	130	95	150	73.0	76.0	64.0	9,490	7,220	9,600
PA .....	80	80	80	75	75	75	65.0	69.0	67.0	4,875	5,175	5,025
SC .....	8	6	5	7	5	4	72.0	42.0	50.0	504	210	200
SD .....	340	180	160	310	160	145	42.0	38.0	44.0	13,020	6,080	6,380
TX .....	17	15	16	8	7	11	33.0	46.0	34.0	264	322	374
UT .....	115	100	110	107	93	100	75.0	90.0	82.0	8,025	8,370	8,200
VA .....	105	100	90	87	80	75	73.0	84.0	68.0	6,351	6,720	5,100
WA .....	310	300	450	305	290	440	47.0	72.0	62.0	14,335	20,880	27,280
WI .....	100	100	90	84	72	75	53.0	48.0	53.0	4,452	3,456	3,975
WY .....	110	100	125	100	95	120	76.0	89.0	86.0	7,600	8,455	10,320
US .....	7,159	6,689	7,174	6,667	6,279	6,787	56.2	57.3	58.5	374,862	359,562	396,851

<sup>1</sup>Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall. <sup>2</sup>Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-57.—Barley: Marketing year average price and value, by States, crop of 1994, 1995, and 1996**

State	Marketing year average price per bushel			Value of production		
	1994	1995	1996 <sup>1</sup>	1994	1995	1996 <sup>1</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AZ .....	2.85	2.95	3.60	8,935	5,576	20,412
CA .....	2.67	3.28	3.75	38,181	45,920	49,500
CO .....	2.64	2.95	3.05	19,721	29,500	30,305
DE .....	1.70	1.70	2.95	3,213	5,032	4,614
ID .....	2.42	3.05	3.05	130,680	185,440	162,535
KS .....	1.99	2.11	3.20	1,059	665	1,162
KY .....	1.88	2.01	2.80	2,079	2,111	4,144
MD .....	1.80	1.80	3.10	7,560	9,040	9,266
MI .....	1.75	2.65	2.40	2,856	3,048	2,880
MN .....	1.81	2.55	2.40	54,300	73,950	79,872
MT .....	2.22	3.00	3.00	117,216	187,200	154,800
NE .....	1.85	2.15	2.15	562	477	1,937
NV .....	2.45	3.15	3.25	833	1,008	1,219
NJ .....	1.60	1.85	2.90	424	601	522
NC .....	2.15	2.05	2.60	3,763	3,690	3,380
ND .....	1.87	2.92	2.45	246,840	295,650	350,350
OK .....	2.10	2.20	3.20	466	374	221
OR .....	2.27	3.08	2.60	21,542	22,238	24,960
PA .....	1.84	2.00	3.15	8,970	10,350	15,829
SC .....	2.10	2.00	3.30	1,058	420	660
SD .....	1.90	2.79	2.55	24,738	16,963	16,269
TX .....	2.78	2.80	3.75	734	902	1,403
UT .....	2.32	3.08	2.90	18,618	25,780	23,780
VA .....	1.80	1.75	2.95	11,432	11,760	15,045
WA .....	1.99	2.84	2.60	28,527	59,299	70,928
WI .....	1.50	1.90	2.85	6,678	6,566	11,329
WY .....	2.99	2.98	3.30	22,724	25,196	34,056
US .....	2.03	2.89	2.75	783,709	1,028,756	1,091,378

<sup>1</sup>Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-58.—Barley: Price-support operations, United States, 1987/88–1996/97**

Marketing year beginning June 1	Support price				Put under support <sup>3</sup>			Owned by CCC at end of marketing year
	Per bushel		Percentage of parity <sup>2</sup>		Quantity	Percentage of production	Acquired by CCC under support program <sup>4</sup>	
	Loan	Target <sup>1</sup>	Loan	Target				
	Dollars	Dollars	Percent	Percent	Million bushels	Percent	Million bushels	Million bushels
1987/88 .....	1.49	2.60	34	59	122.7	23.5	25.5	50.1
1988/89 .....	1.44	2.51	32	55	21.9	7.6	10.3	30.4
1989/90 .....	1.34	2.43	28	51	24.0	5.9	16.1	19.3
1990/91 .....	1.28	2.36	26	48	33.8	8.0	0.4	8.4
1991/92 .....	1.32	2.36	27	48	38.0	8.2	( <sup>5</sup> )	6.5
1992/93 .....	1.40	2.36	29	48	42.9	9.4	0.0	5.4
1993/94 .....	1.40	2.36	28	47	37.7	9.5	0.0	5.2
1994/95 .....	1.54	2.36	30	46	28.2	7.5	0.0	5.0
1995/96 .....	1.54	2.36	30	45	18.0	5.0	0.0	0.0
1996/97 .....	1.55	N.A.	.....	.....	.....	.....	.....	.....

<sup>1</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>2</sup> The underlying parity price used here represents a simple 12-month average of the 12 monthly parity prices in the calendar year in which the crop was harvested. <sup>3</sup> Represents loans made, purchases, and purchase agreements entered into. <sup>4</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous years. <sup>5</sup> Less than 50,000 bushels. N.A. = Not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-4417.

**Table 1-59.—Barley: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>	1993/94	1994/95	1995/96 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada .....	4,159	4,092	4,365	3.12	2.86	2.99	12,972	11,690	13,035
Mexico .....	250	250	200	1.80	2.00	2.00	450	500	400
United States .....	2,733	2,698	2,541	3.17	3.03	3.08	8,666	8,162	7,829
<b>Total .....</b>	<b>7,142</b>	<b>7,040</b>	<b>7,106</b>	<b>3.09</b>	<b>2.89</b>	<b>2.99</b>	<b>22,088</b>	<b>20,352</b>	<b>21,264</b>
<b>South America:</b>									
Argentina .....	196	140	200	2.32	2.50	2.25	455	350	450
Bolivia .....	140	140	90	1.00	0.86	0.67	140	120	60
Brazil .....	60	60	60	1.83	1.83	1.67	110	110	100
Chile .....	28	25	25	3.57	3.52	3.60	100	88	90
Colombia .....	40	50	45	2.00	2.00	2.00	80	100	90
Ecuador .....	38	35	35	0.95	1.00	0.86	36	35	30
Peru .....	100	100	90	1.10	1.10	1.11	110	110	100
Uruguay .....	85	70	70	1.65	1.57	1.86	140	110	130
<b>Total .....</b>	<b>687</b>	<b>620</b>	<b>615</b>	<b>1.70</b>	<b>1.65</b>	<b>1.71</b>	<b>1,171</b>	<b>1,023</b>	<b>1,050</b>
<b>Europe:</b>									
Austria .....	270	253	229	4.07	4.68	4.65	1,100	1,184	1,065
Belgium-Luxembourg .....	80	71	68	5.74	5.72	6.28	459	406	427
Denmark .....	713	705	716	4.73	4.89	5.40	3,369	3,446	3,864
Finland .....	460	505	516	3.65	3.68	3.42	1,680	1,858	1,764
France .....	1,623	1,405	1,393	5.53	5.44	5.56	8,981	7,646	7,739
Germany .....	2,200	2,070	2,109	5.00	5.27	5.64	11,000	10,902	11,891
Greece .....	135	150	150	2.81	2.67	2.53	380	400	380
Ireland .....	177	170	181	4.87	5.01	6.03	862	852	1,092
Italy .....	425	392	391	3.81	3.74	3.65	1,619	1,467	1,426
Netherlands .....	40	43	37	6.25	5.30	5.49	250	228	203
Portugal .....	62	53	53	1.74	1.81	1.09	108	96	58
Spain .....	3,484	3,602	3,300	2.73	2.11	1.58	9,520	7,596	5,200
Sweden .....	390	449	445	4.28	3.70	4.03	1,671	1,661	1,793
United Kingdom .....	1,164	1,106	1,196	5.19	5.38	5.71	6,040	5,945	6,833
<b>Total .....</b>	<b>11,223</b>	<b>10,974</b>	<b>10,784</b>	<b>4.19</b>	<b>3.98</b>	<b>4.06</b>	<b>47,039</b>	<b>43,687</b>	<b>43,735</b>
Norway .....	170	179	175	3.62	2.85	3.29	615	510	576
Switzerland .....	60	60	60	5.33	5.83	5.83	320	350	350
<b>Total W. Europe .....</b>	<b>230</b>	<b>239</b>	<b>235</b>	<b>4.07</b>	<b>3.60</b>	<b>3.94</b>	<b>935</b>	<b>860</b>	<b>926</b>

See footnotes at end of table.

**Table 1-59.—Barley: Area, yield, and production in specified countries, 1993/94–1995/96<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1993/94	1994/95	1995/ 96 <sup>3</sup>	1993/94	1994/95	1995/ 96 <sup>3</sup>	1993/94	1994/95	1995/ 96 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe—Continued									
Albania .....	10	10	10	2.50	3.00	3.00	25	30	30
Bulgaria .....	362	389	400	2.62	2.94	3.25	950	1,143	1,300
Czech Republic .....	650	680	558	3.85	3.80	3.84	2,500	2,584	2,140
Hungary .....	390	423	393	2.90	3.66	3.58	1,130	1,550	1,408
Poland .....	1,200	1,032	1,048	2.75	2.60	3.13	3,300	2,686	3,279
Romania .....	640	760	570	2.42	2.12	2.98	1,550	1,610	1,700
Slovakia .....	247	240	234	3.34	3.72	3.39	825	893	794
Yugoslavia .....	250	200	200	2.20	2.50	3.00	550	500	600
Total E. Europe .....	3,749	3,734	3,413	2.89	2.94	3.30	10,830	10,996	11,251
Total Europe .....	15,202	14,947	14,432	3.87	3.72	3.87	58,804	55,543	55,912
Fmr. Soviet Union .....	30,036	30,724	26,763	1.93	1.83	1.73	54,984	53,096	33,068
Africa:									
Algeria .....	650	360	800	0.63	0.67	0.68	410	240	540
Egypt .....	50	55	50	3.20	3.09	3.00	160	170	150
Ethiopia .....	950	1,100	1,250	1.05	1.15	1.20	1,000	1,270	1,500
Kenya .....	85	85	85	1.06	1.06	1.06	90	90	90
Libya .....	280	290	280	0.29	0.31	0.29	80	90	80
Morocco .....	2,150	2,582	1,300	0.47	1.44	0.46	1,019	3,720	600
South Africa, Rep. of .....	112	120	125	2.05	2.29	2.40	230	275	300
Tunisia .....	400	250	200	0.40	0.58	0.40	160	145	80
Zimbabwe .....	4	4	5	5.00	1.50	1.20	20	6	6
Total .....	4,681	4,846	4,095	0.68	1.24	0.82	3,169	6,006	3,346
Asia:									
Afghanistan .....	250	250	225	1.00	0.92	0.89	250	230	200
Bangladesh .....	7	7	7	0.71	0.71	0.71	5	5	5
Bhutan .....	5	5	5	1.00	1.00	1.00	5	5	5
China, Peoples Rep. of ...	1,225	1,200	1,200	3.43	3.17	3.33	4,200	3,800	4,000
Cyprus .....	55	60	55	1.91	2.50	2.27	105	150	125
India .....	916	785	850	1.65	1.67	1.86	1,510	1,310	1,580
Iran .....	2,600	2,600	2,600	1.54	1.42	1.42	4,000	3,700	3,700
Iraq .....	1,400	1,350	1,350	1.00	0.96	0.96	1,400	1,300	1,300
Israel .....	14	14	18	0.21	0.50	0.50	3	7	9
Japan .....	74	62	59	3.66	3.63	3.69	271	225	218
Jordan .....	69	62	89	0.64	0.55	0.53	44	34	47
Korea, Rep. of .....	100	100	100	4.00	3.90	4.00	400	390	400
Lebanon .....	5	5	5	1.20	1.20	1.20	6	6	6
Nepal .....	29	30	30	0.86	0.90	0.83	25	27	25
Pakistan .....	160	151	155	0.99	0.97	0.97	158	146	150
Saudi Arabia .....	174	317	188	6.32	6.39	6.38	1,100	2,025	1,200
Syria .....	2,200	1,900	1,900	0.70	0.78	0.63	1,550	1,480	1,200
Turkey .....	3,550	3,500	3,550	2.06	1.86	1.94	7,300	6,500	6,900
Yemen .....	51	49	49	1.29	1.29	0.59	66	63	29
Total .....	12,884	12,447	12,435	1.74	1.72	1.70	22,398	21,403	21,099
Oceania:									
Australia .....	3,424	2,502	3,197	2.03	1.12	1.72	6,956	2,791	5,498
New Zealand .....	80	80	80	4.88	4.63	5.00	390	370	400
Total .....	3,504	2,582	3,277	2.10	1.22	1.80	7,346	3,161	5,898
World total .....	74,137	73,207	68,724	2.29	2.19	2.06	169,962	160,586	141,639

<sup>1</sup> Years shown refer to year of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1994 is combined with estimates of the Southern Hemisphere harvests, which begin late in 1994 and end early in 1995. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720-0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches and Foreign Service Officers, results of office research, and related information.



**Table 1-60.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1986–95**

Calendar year <sup>1</sup>	Wheat			Rye		Rice (milled)		Corn					Oats		Barley		
	Total consumed <sup>2</sup>	Per capita consumption of food products		Total consumed <sup>2</sup>	Per capita consumption of rye flour	Total consumed <sup>4</sup>	Per capita consumption	Total consumed <sup>5</sup>	Per capita consumption of food products					Total consumed <sup>6</sup>	Per capita consumption of oat food products	Total consumed <sup>7</sup>	Per capita consumption of food products <sup>8</sup>
		Flour <sup>3</sup>	Cereal						Flour and meal	Hominy and grits	Syrup	Sugar	Starch				
	<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million cwt.</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>
1986 .....	697	126	7.1	3.5	0.6	33.8	14.0	650	12.0	3.3	61.9	3.5	4.1	45	4.0	7.8	1.0
1987 .....	723	130	3.7	3.5	0.6	34.8	14.3	678	14.0	3.4	64.1	3.6	4.3	50	4.4	7.4	0.9
1988 .....	737	132	3.8	3.5	0.6	37.7	15.4	692	14.3	3.3	65.6	3.7	4.1	73	6.4	7.1	0.9
1989 .....	727	129	4.0	3.5	0.6	40.5	16.3	714	14.6	3.1	65.3	3.8	4.1	74	6.4	6.7	0.8
1990 .....	773	136	4.3	3.5	0.6	42.7	17.0	736	14.9	3.0	67.3	3.8	4.0	75	6.5	6.4	0.8
1991 .....	791	137	4.5	3.5	0.6	44.1	17.4	763	15.2	2.8	68.9	3.9	4.0	77	6.5	6.0	0.7
1992 .....	817	139	4.8	3.5	0.6	45.1	17.6	791	15.5	2.6	71.4	3.9	4.0	77	6.5	6.1	0.7
1993 .....	853	140	4.9	3.6	0.6	49.4	19.1	831	15.7	2.6	74.7	3.9	4.0	78	6.5	6.2	0.7
1994 .....	871	143	5.1	3.6	0.6	51.5	19.7	862	15.8	2.6	77.3	3.9	4.1	79	6.5	6.3	0.7
1995 <sup>9</sup> .....	858	140	5.4	3.6	0.6	51.9	19.7	885	16.0	2.6	78.7	4.0	4.1	80	6.5	6.4	0.7

<sup>1</sup>Data are in marketing year; for corn, September 1-August 31; for oats, barley, wheat, and rye, June 1-May 31; and rice, August 1-July 31. Syrup and sugar are in calendar year. <sup>2</sup>Excludes quantities used in alcoholic beverages. <sup>3</sup>Includes white, whole wheat, and semolina flour. <sup>4</sup>Excludes rice used in alcoholic beverages. Includes imports and rice used in processed foods and pet foods. <sup>5</sup>Includes an allowance for the quantity used as hominy and grits. <sup>6</sup>Oats used in oatmeal, prepared breakfast foods, infant foods, and food products. <sup>7</sup>Malt for food, breakfast food uses, pearl barley, and flour. <sup>8</sup>Malt equivalent of barley food products. <sup>9</sup>Preliminary. Estimates of corn syrup and sugar are unofficial estimates; industry data were not reported after April 1968.

ERS, Commercial Agriculture Division, (202) 501-8512. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies.

**Table 1-61.—Sorghum: Area, yield, production, and value, United States, 1987–96**

Year	Area planted for all purposes <sup>1</sup>	Sorghum for grain <sup>2</sup>				Sorghum for silage			
		Area harvested	Yield per harvested acre	Production	Marketing year average price per bushel <sup>3</sup>	Value of production <sup>3</sup>	Area harvested	Yield per harvested acre	Production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons
1987 .....	11,756	10,531	69.4	730,809	1.70	1,179,444	429	12.4	5,307
1988 .....	10,343	9,042	63.8	576,686	2.27	1,337,424	518	10.1	5,252
1989 .....	12,642	11,103	55.4	615,420	2.10	1,287,739	541	10.4	5,647
1990 .....	10,535	9,089	63.1	573,303	2.12	1,220,501	527	10.2	5,377
1991 .....	11,064	9,870	59.3	584,860	2.25	1,338,580	483	10.0	4,846
1992 .....	13,177	12,050	72.6	875,022	1.89	1,667,194	453	12.1	5,468
1993 .....	9,882	8,916	59.9	534,172	2.31	1,234,500	351	11.2	3,914
1994 .....	9,827	8,917	72.8	649,206	2.13	1,323,801	329	12.0	3,932
1995 .....	9,454	8,278	55.6	460,373	3.19	1,395,413	368	9.9	3,652
1996 <sup>4</sup> .....	13,188	11,901	67.5	802,974	2.35	2,053,266	371	11.7	4,356

<sup>1</sup> Grain and sweet sorghum for all uses, including sirup. <sup>2</sup> Includes both grain sorghum for grain, and sweet sorghum for grain or seed. <sup>3</sup> Based on the reported price of grain sorghum. <sup>4</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 1-62.—Sorghum grain: Stocks on and off farms, United States, 1988–97**

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	Jun. 1	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	Jun. 1	Oct. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1988 .....	( <sup>3</sup> )	( <sup>3</sup> )	105,900	69,420	( <sup>3</sup> )	( <sup>3</sup> )	701,945	593,231
1989 .....	( <sup>3</sup> )	( <sup>3</sup> )	85,200	47,800	( <sup>3</sup> )	( <sup>3</sup> )	473,768	391,712

Year beginning previous Dec.	On farms				Off farms			
	Dec. 1	Mar. 1	Jun. 1	Sep. 1	Dec. 1	Mar. 1	Jun. 1	Sep. 1
1990 .....		88,050	44,500	30,300		425,549	290,484	189,459
1991 .....	140,000	73,780	43,750	22,150	372,340	259,099	178,250	120,435
1992 .....	110,200	54,960	34,140	18,840	340,262	196,286	76,247	34,352
1993 .....	209,650	111,320	58,465	35,420	394,667	323,088	206,348	139,594
1994 .....	105,950	59,770	32,075	16,155	340,198	216,462	96,035	31,416
1995 .....	126,650	74,620	44,570	17,842	295,809	206,312	114,212	53,772
1996 .....	79,090	33,000	13,955	5,500	222,186	129,566	56,433	12,871
1997 .....	144,590	N.A.	N.A.	N.A.	315,685	N.A.	N.A.	N.A.

<sup>1</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. <sup>2</sup> Old crop only. <sup>3</sup> Per program modification estimates available only for June 1 and September 1.

NASS, Crops Branch, (202) 720-2127.

**Table 1-63.—Sorghum: Supply and disappearance, United States, 1986–95**

Year beginning September 1	Supply			Disappearance				Ending stocks Aug. 31			
	Beginning stocks	Production	Total <sup>1</sup>	Domestic use			Exports	Total disappearance	Privately held <sup>2</sup>	Government	Total
				Feed and residual	Food, alcohol, and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1986 ....	551	939	1,490	541	7	548	198	747	334	409	743
1987 ....	743	731	1,474	561	19	580	232	811	199	464	663
1988 ....	663	577	1,239	471	18	488	311	800	99	341	440
1989 ....	440	615	1,055	522	11	532	303	835	57	163	220
1990 ....	220	573	793	412	7	418	232	651	78	65	143
1991 ....	143	585	727	377	5	383	292	674	45	8	53
1992 ....	53	875	928	471	5	476	277	753	171	4	175
1993 ....	175	534	709	456	4	460	202	662	47	1	48
1994 ....	48	649	697	400	3	402	223	625	71	1	72
1995 <sup>3</sup> ..	72	460	532	312	4	316	198	514	18	0	18

<sup>1</sup> Includes imports. <sup>2</sup> Includes total Government loans (original and resale). <sup>3</sup> Preliminary. Totals may not add due to independent rounding.

ERS, Commercial Agriculture Division, (202) 219-0704.

**Table 1-64.—Sorghum: Area, yield, and production, by States, 1994–96**

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL .....	27	12	14	20	8	10	45.0	40.0	55.0	900	320	550
AR .....	260	200	230	245	185	220	75.0	71.0	74.0	18,375	13,135	16,280
CO .....	200	200	290	170	165	260	42.0	28.0	51.0	7,140	4,620	13,260
GA .....	65	55	65	40	30	40	50.0	37.0	41.0	2,000	1,110	1,640
IL .....	190	180	230	180	170	220	99.0	69.0	84.0	17,820	11,730	18,480
KS .....	3,200	3,300	4,800	3,000	3,100	4,600	77.0	56.0	77.0	231,000	173,600	354,200
KY .....	15	25	26	11	22	23	92.0	84.0	92.0	1,012	1,848	2,116
LA .....	130	87	155	123	84	153	68.0	70.0	76.0	8,364	5,880	11,628
MS .....	75	45	75	70	41	72	75.0	65.0	70.0	5,250	2,665	5,040
MO .....	570	520	600	550	490	580	90.0	73.0	91.0	49,500	35,770	52,780
NE .....	1,400	1,250	1,250	1,200	980	1,030	98.0	58.0	95.0	117,600	56,840	97,850
NM .....	210	230	250	195	130	225	38.0	26.0	33.0	7,410	3,380	7,425
NC .....	35	15	19	20	10	10	55.0	65.0	57.0	1,100	650	570
OK .....	320	350	520	280	320	490	50.0	40.0	59.0	14,000	12,800	28,910
SC .....	15	15	10	8	8	5	40.0	40.0	50.0	320	320	250
SD .....	280	250	230	175	120	145	65.0	40.0	55.0	11,375	4,800	7,975
TN .....	35	20	24	30	15	18	88.0	87.0	90.0	2,640	1,305	1,620
TX .....	2,800	2,700	4,400	2,600	2,400	3,800	59.0	54.0	48.0	153,400	129,600	182,400
US .....	9,827	9,454	13,188	8,917	8,278	11,901	72.8	55.6	67.5	649,206	460,373	802,974

NASS, Crops Branch, (202) 720-2127.

**Table 1-65.—Sorghum: Utilization for silage, by States, 1994–96**

State	Silage								
	Area harvested			Yield per acre			Production		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL .....	4	3	3	10.0	8.0	10.0	40	24	30
AR .....	5	5	5	7.0	7.0	7.0	35	35	35
CO .....	18	13	12	15.0	13.0	13.0	270	169	156
GA .....	20	20	20	11.0	12.0	10.0	220	240	200
IL .....	2	2	1	13.0	9.0	11.0	26	18	11
KS .....	90	80	120	14.0	10.0	14.0	1,260	800	1,680
KY .....	2	1	1	12.0	11.0	14.0	24	11	14
MS .....	4	3	2	14.0	12.0	8.0	56	36	16
MO .....	10	15	10	9.0	8.0	8.0	90	120	80
NE .....	50	60	60	12.0	10.0	13.5	600	600	810
NM .....	5	3	6	11.0	12.0	12.0	55	36	72
NC .....	10	3	4	13.0	12.0	8.0	130	36	32
OK .....	10	7	8	8.0	6.0	15.0	80	42	120
SC .....	5	5	4	14.0	15.0	10.0	70	75	40
SD .....	60	100	60	9.0	7.5	7.5	540	750	450
TN .....	4	3	5	19.0	10.0	12.0	76	30	60
TX .....	30	45	50	12.0	14.0	11.0	360	630	550
US .....	329	368	371	12.0	9.9	11.7	3,932	3,652	4,356

NASS, Crops Branch, (202) 720-2127.

**Table 1-66.—Sorghum grain: Marketing year average price and value, by States, crop of 1994, 1995, and 1996**

State	Marketing year average price per bushel			Value of production		
	1994	1995	1996	1994	1995	1996
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL .....	2.49	2.86	3.20	2,241	915	1,760
AR .....	2.03	2.91	3.00	37,301	38,223	48,840
CO .....	2.14	3.14	2.50	15,280	14,507	33,150
GA .....	2.49	3.24	2.85	4,980	3,596	4,674
IL .....	1.92	3.27	2.20	34,214	38,357	40,656
KS .....	2.00	3.10	2.25	462,000	538,160	796,950
KY .....	1.97	3.47	2.45	1,994	6,413	5,184
LA .....	2.18	2.80	2.90	18,234	16,464	33,721
MS .....	2.18	2.69	3.05	11,445	7,169	15,372
MO .....	2.00	3.10	2.25	99,000	110,887	118,755
NE .....	1.96	3.03	2.45	230,496	172,225	239,733
NM .....	2.25	3.23	2.50	16,673	10,917	18,563
NC .....	1.99	2.80	3.00	2,189	1,820	1,710
OK .....	2.11	3.18	2.45	29,540	40,704	70,830
SC .....	2.13	2.94	2.90	682	941	725
SD .....	1.68	2.97	2.05	19,110	14,256	16,349
TN .....	2.10	3.08	2.70	5,544	4,019	4,374
TX .....	2.17	2.90	3.30	332,878	375,840	601,920
US .....	2.13	3.19	2.35	1,323,801	1,395,413	2,053,266

NASS, Crops Branch, (202) 720-2127.

**Table 1-67.—Sorghum grain: Price-support operations, United States, 1987/88-1996/97**

Marketing year beginning September 1	Support price				Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC at end of marketing year
	Per cwt.		Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
	Loan	Target <sup>1</sup>	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Million cwt.</i>
1987/88 .....	3.11	5.14	37	62	201.3	49.2	119.7	259.8
1988/89 .....	3.00	4.96	35	58	22.7	7.0	17.0	190.9
1989/90 .....	2.80	4.82	31	54	11.7	3.4	10.1	91.0
1990/91 .....	2.66	4.66	28	50	12.1	3.8	5.0	36.2
1991/92 .....	2.75	4.66	29	49	9.5	2.9	5.4	4.6
1992/93 .....	2.91	4.66	32	51	27.2	5.6	0.0	2.2
1993/94 .....	2.91	4.66	31	49	8.2	2.7	0.0	1.4
1994/95 .....	3.21	4.66	35	50	25.2	6.9	0.0	0.4
1995/96 .....	3.21	4.66	36	52	7.2	1.6	0.0	0.0
1996/97 .....	3.23	N.A.	.....	.....	.....	.....	.....	.....

<sup>1</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>2</sup> The underlying parity price used here represents a simple 12-month average of the 12 monthly parity prices in the calendar year in which the crop was harvested. <sup>3</sup> Represents loans made, purchases, and purchase agreements entered into. <sup>4</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous years. N.A. = Not applicable.

FSA, Feed Grains &amp; Oilseeds Analysis Group, (202) 720-4417.

**Table 1-68.—Feed grains: United States exports under specified Government programs, 1984–93**

Year <sup>1</sup>	Public Law 480				Title III <sup>6</sup>	Food for Progress <sup>7</sup>	Foreign donations Section 416(b) <sup>8</sup>	Mutual security (AID) <sup>9</sup>	Total specified Government programs
	Title I sales		Title II donations						
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>					
1984		211	1,121	30			405	1,767	
1985		124	91	41			445	701	
1986		333	39	14			420	844	
1987	8	253	145	20			888	1,339	
1988		133	131	21			743	1,259	
1989	13	364	234	51			1,707	2,924	
1990	19	160	308	32			1,307	2,244	
1991		249	166	62	394	4	833	1,708	
1992 <sup>10</sup>		1,013	50	146	48	952	1,297	4,989	
1993 <sup>10</sup>		2,610	198	154	175		375	3,512	

<sup>1</sup> Year beginning Oct. 1. <sup>2</sup> Authorized by Title I, P.L. 480. <sup>3</sup> Shipments under agreements, authorized by Title I, P.L. 480, as amended by P.L. 89-808. <sup>4</sup> Authorized by Title II, P.L. 480. <sup>5</sup> Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. <sup>6</sup> Shipment under this title represents grants to least-developed countries. Prior to fiscal year 1991, shipments under Titles I and III were reported together. <sup>7</sup> This program is used to support countries that have made commitments to introduce or expand free enterprise elements in their agricultural economy. <sup>8</sup> Section 416(b) of the Agricultural Act of 1949, as amended. <sup>9</sup> Foreign Assistance Act of 1961, as amended. <sup>10</sup> Preliminary.  
ERS, Commercial Agriculture Division, (202) 219-0020.

**Table 1-69.—Commercial feeds: Disappearance for feed, United States, 1986–95**

Year beginning October	Oilseed cake and meal						Animal protein			
	Soybean	Cottonseed	Linseed	Peanut <sup>1</sup>	Sunflower	Total	Tankage and meat meal	Fish meal	Dried milk <sup>2</sup>	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1986	20,436	1,131	127	114	297	22,104	2,641	519	440	3,599
1987	21,323	1,590	140	120	419	23,592	2,709	389	453	3,551
1988	19,496	1,632	102	162	329	21,721	2,567	292	446	3,305
1989	22,291	1,366	139	124	299	24,219	2,557	357	461	3,375
1990	22,934	1,620	124	113	337	25,128	2,527	275	458	3,260
1991	23,008	1,746	127	172	496	25,549	2,541	257	470	3,268
1992	24,251	1,418	137	178	442	26,426	2,372	528	464	3,364
1993	25,283	1,419	113	113	321	27,249	2,446	719	470	3,636
1994	26,542	1,748	105	193	623	29,211	2,551	334	440	3,326
1995 <sup>3</sup>	26,581	1,616	115	181	478	28,971	2,536	260	450	3,245

Year beginning October	Mill products <sup>4</sup>					Total commercial feeds
	Wheat millfeeds	Gluten feed and meal <sup>5</sup>	Rice millfeeds	Alfalfa meal	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1986	6,299	1,284	672	649	8,904	34,608
1987	6,230	1,636	608	610	9,084	36,227
1988	6,302	1,421	678	403	8,803	33,829
1989	6,191	240	613	331	7,375	34,969
1990	6,600	181	612	367	7,759	36,147
1991	6,846	877	584	292	8,599	37,415
1992	6,965	877	604	309	8,755	38,545
1993	7,436	1,210	648	134	9,429	40,314
1994	7,265	427	725	209	8,627	41,164
1995 <sup>3</sup>	7,373	1,172	664	253	9,462	41,678

<sup>1</sup> Year beginning August 1. <sup>2</sup> Includes dried skim milk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years. <sup>3</sup> Preliminary. <sup>4</sup> Other mill products that are not listed include screenings, hominy, and oats feed etc., for which no statistics are available. <sup>5</sup> Adjusted for export data.  
ERS, Commercial Agriculture Division, (202) 219-0360.

**Table 1-70.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1986–95**

Year beginning October	Quantity for feeding <sup>1</sup>						High-protein animal units	Quantity per animal unit	High protein feed prices
	Oilseed meal			Animal protein	Grain protein <sup>3</sup>	Total			
	Soybean meal	Other oilseed meals <sup>2</sup>	Total						
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Million units	Pounds	Index numbers 1992=100
1986 .....	22,479	1,534	24,014	3,965	765	28,743	110.0	523	90
1987 .....	23,455	2,087	25,542	3,889	974	30,406	112.9	539	118
1988 .....	21,446	2,059	23,505	3,595	846	27,946	114.7	487	129
1989 .....	24,520	1,775	26,295	3,669	143	30,107	117.2	514	97
1990 .....	25,227	2,022	27,250	3,529	108	30,886	120.7	512	93
1991 .....	25,309	2,344	27,652	3,527	522	31,701	123.5	513	98
1992 .....	26,676	2,004	28,680	3,661	522	32,864	126.1	521	100
1993 .....	27,811	1,812	29,624	3,991	721	34,336	128.4	535	99
1994 .....	29,196	2,462	31,658	3,627	254	35,540	130.7	544	84
1995 .....	29,239	2,206	31,445	3,518	698	35,661	132.8	537	118

<sup>1</sup> In terms of 44 percent protein soybean meal equivalent. <sup>2</sup> Includes cottonseed, linseed, peanut meal, and sunflower meal. <sup>3</sup> Beginning 1974, adjusted for exports of corn gluten feed and meal.  
ERS, Commercial Agriculture Division, (202) 219-0360.

**Table 1-71.—Feed concentrates fed to livestock and poultry, 1986–95**

Year beginning October	Feed grains				Wheat <sup>1</sup>	Rye <sup>2</sup>	By-product feeds <sup>3</sup>	Total concentrates	Grain consuming animal units	Concentrates fed per grain-consuming animal unit
	Corn <sup>1</sup>	Sorghum <sup>1</sup>	Oats <sup>1</sup> and barley <sup>1</sup>	Total						
1986 .....	130.5	15.2	13.0	158.6	12.4	0.4	41.6	213.0	74.4	2.86
1987 .....	134.1	15.7	11.7	161.6	6.3	0.3	43.2	211.3	76.7	2.75
1988 .....	110.3	13.2	8.5	131.9	4.0	0.3	39.6	175.9	76.8	2.29
1989 .....	122.8	14.6	9.7	147.1	8.2	0.2	41.5	197.1	77.4	2.55
1990 .....	129.4	11.5	9.5	150.4	13.3	0.2	43.0	206.8	80.1	2.58
1991 .....	134.7	10.6	9.2	154.5	6.9	0.2	44.2	205.8	80.7	2.55
1992 .....	147.4	13.2	7.8	168.3	4.3	0.2	45.8	218.6	82.7	2.64
1993 .....	131.6	12.8	9.6	153.9	10.6	0.2	47.3	212.0	84.0	2.52
1994 .....	155.0	11.2	7.9	174.1	8.2	0.2	48.8	231.2	84.3	2.74
1995 .....	131.9	8.7	6.7	147.3	6.8	0.2	48.4	202.6	85.0	2.38

<sup>1</sup> Marketing year beginning Sept. 1. <sup>2</sup> Marketing year beginning June 1. <sup>3</sup> Oilseed meals, animal protein feeds, mill byproducts, and mineral supplements.  
ERS, Commercial Agriculture Division, (202) 219-0360.

**Table 1-72.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1985–95**

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 <sup>1</sup>	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced <sup>2</sup>	Per head	Per 100 pounds produced <sup>3</sup>
	Per head	Per 100 pounds milk produced							
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1985 .....	12,931	99	6,532	9,694	5,311	5,885	1,390	1,275	1,634
1986 .....	13,287	98	6,592	10,214	5,330	5,960	1,353	1,282	1,672
1987 .....	13,069	93	6,555	9,896	5,318	5,956	1,319	1,278	1,711
1988 .....	12,096	85	6,392	8,473	5,267	5,712	1,253	1,260	1,666
1989 .....	12,659	87	6,487	9,297	5,297	5,866	1,302	1,270	1,603
1990 .....	12,734	86	6,499	9,406	5,301	5,935	1,314	1,272	1,635
1991 .....	12,671	82	6,488	9,313	5,297	5,870	1,303	1,270	1,552
1992 .....	12,860	82	6,520	9,590	5,307	5,949	1,329	1,274	1,568
1993 .....	12,660	79	6,487	9,298	5,297	5,894	1,325	1,270	1,611
1994 .....	13,108	80	6,562	9,953	5,320	5,966	1,328	1,279	1,626
1995 <sup>4</sup> .....	12,387	75	6,441	8,899	5,283	5,795	1,287	1,265	1,613

Year beginning October	Poultry								Hogs per 100 pounds produced	Horses and mules 2 years and over per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds produced	Per head	Per 100 pounds produced		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1985 .....	127	52	30	651	11.2	275	95	516	621	3,837
1986 .....	135	55	32	679	11.9	298	103	579	682	3,906
1987 .....	130	52	31	646	11.5	277	97	478	675	3,864
1988 .....	110	43	26	595	9.7	234	82	417	559	3,674
1989 .....	122	49	29	783	10.7	258	91	459	588	3,784
1990 .....	123	49	29	791	10.9	257	92	432	622	3,798
1991 .....	122	49	29	788	10.7	250	91	429	614	3,786
1992 .....	126	50	30	819	11.1	255	94	424	601	3,823
1993 .....	122	49	29	791	10.7	243	91	404	595	3,784
1994 .....	131	52	31	821	11.6	258	97	433	627	3,871
1995 <sup>4</sup> .....	116	46	28	714	10.2	228	87	382	549	3,731

<sup>1</sup> Feed consumed by all cattle divided by the number on feed Jan. 1. <sup>2</sup> Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle. <sup>3</sup> Including wool produced. <sup>4</sup> Preliminary.

ERS, Commercial Agriculture Division, (202) 219-0360.

**Table 1-73.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1986–95**

Year beginning October	Concentrates	Harvested roughage	Pasture	Total	Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>		<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>
1986 .....	222	81	186	488	1991 .....	217	79	175	471
1987 .....	221	81	179	480	1992 .....	230	83	173	486
1988 .....	185	72	181	439	1993 .....	225	77	183	485
1989 .....	207	74	177	458	1994 .....	244	80	184	509
1990 .....	218	79	171	467	1995 <sup>1</sup> .....	217	79	187	483

<sup>1</sup> Preliminary.

ERS, Commercial Agriculture Division, (202) 219-0360.

**Table 1-74.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1986–95<sup>1</sup>**

Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>	Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>
	<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>
1986 .....	74,403	78,311	76,436	1991 .....	80,685	74,665	76,538
1987 .....	76,750	76,318	76,096	1992 .....	82,711	75,250	77,663
1988 .....	76,806	74,468	74,970	1993 .....	83,970	76,348	78,803
1989 .....	77,350	73,699	74,692	1994 .....	84,317	77,873	79,869
1990 .....	80,075	73,490	75,605	1995 <sup>5</sup> .....	84,993	78,263	80,344

<sup>1</sup> Index series based on average feeding rates for years 1969–71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by NASS, USDA. <sup>2</sup> Livestock and poultry numbers weighted by all concentrates consumed. <sup>3</sup> Livestock and poultry numbers weighted by all roughage (including pasture) consumed. <sup>4</sup> Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock. <sup>5</sup> Preliminary.

ERS, Commercial Agriculture Division, (202) 219–0360.

**Table 1-75.—Feed grains: Average price, selected markets and grades, 1987–96<sup>1</sup>**

Crop year <sup>2</sup>	Kansas City			Minneapolis			
	Corn, No. 2 Yellow	Corn, No. 2 White	Sorghum, No. 2 Yellow	Corn, No. 2 Yellow	Barley, No. 3 or Better malting	Duluth Barley, No. 2 Feed	Oats, No. 2 White
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1987 .....	2.12	2.55	3.40	1.99	2.04	1.78	1.92
1988 .....	2.61	3.76	4.16	2.56	4.11	2.31	2.80
1989 .....	2.53	3.10	4.21	2.43	3.28	2.20	1.65
1990 .....	2.45	2.98	4.08	2.31	2.42	2.13	1.30
1991 .....	2.55	3.06	4.36	2.39	2.36	2.16	1.47
1992 .....	2.26	2.49	3.74	2.11	2.37	2.11	1.57
1993 .....	2.26	2.49	3.74	2.11	2.37	2.11	1.57
1994 .....	2.69	2.78	4.37	2.52	2.48	2.05	1.54
1995 .....	2.47	2.91	4.10	2.27	2.75	2.02	1.49
1996 .....	4.12	4.07	6.66	3.74	3.69	2.67	2.28

Crop year <sup>2</sup>	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains: Sorghum, No. 2 Yellow	Los Angeles			St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western	Sorghum, No. 2 Yellow	
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>
1987 .....	1.98	2.14	3.81	3.22	2.50	5.18	2.19
1988 .....	2.49	2.67	4.66	3.73	3.10	6.08	2.73
1989 .....	2.41	2.54	4.38	3.38	2.90	5.53	2.58
1990 .....	2.28	2.40	4.48	3.33	2.84	5.52	2.49
1991 .....	2.36	2.51	4.78	3.39	2.83	5.69	2.54
1992 .....	2.10	2.23	4.06	3.12	2.79	5.11	2.25
1993 .....	2.10	2.23	4.06	(3)	(3)	(3)	2.25
1994 .....	2.58	2.68	4.95	(3)	(3)	(3)	2.67
1995 .....	2.31	2.44	4.75	(3)	(3)	(3)	2.51
1996 .....	3.87	3.97	7.30	(3)	(3)	(3)	4.06

<sup>1</sup> Simple average of daily prices. <sup>2</sup> For corn and sorghum crop year began in October for 1974–84, September for 1985–87. For barley and oats, crop year begins in June. <sup>3</sup> Discontinued.

AMS, Livestock and Grain Market News Branch, (202) 720–6231.



**Table 1-76.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1985–94**

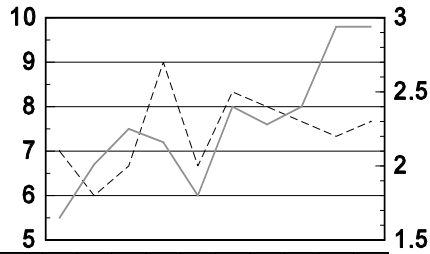
Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Meat meal	Fish meal	Wheat bran	Wheat middlings
	44% protein	49–50% protein	41% protein	41% protein	34% protein	50% protein	60% protein	Kansas City	Minneapolis
	Decatur	Decatur	Kansas City	Memphis	Minneapolis	Kansas City	West Coast		
	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton
1985 .....	154.90	166.20	151.00	133.30	114.00	168.75	230.00	59.00	46.20
1986 .....	162.60	177.30	165.80	148.50	113.20	197.80	265.40	45.90	32.80
1987 .....	221.90	239.30	197.20	178.50	160.30	255.90	236.20	76.80	65.90
1988 .....	233.40	252.30	203.50	188.30	162.00	255.30	355.40	84.10	80.80
1989 .....	173.70	187.40	180.20	168.20	130.40	204.70	302.80	80.60	72.60
1990 .....	174.10	182.80	146.60	130.60	129.50	207.50	296.70	65.80	60.50
1991 .....	175.90	187.90	157.50	127.20	114.40	191.10	310.60	69.40	63.10
1992 .....	181.80	194.60	178.00	161.80	133.40	221.00	325.70	70.80	59.90
1993 .....	179.80	203.00	180.50	169.60	132.50	204.40	(3)	80.60	68.10
1994 .....	152.50	171.70	129.40	120.80	95.00	168.70	(3)	65.50	53.90
1995 .....	225.10	243.10	208.80	190.70	159.00	231.50	(3)	120.30	108.00

Year beginning October	Wheat shorts or mid-dlings	Wheat millrun	Gluten feed	Hominy feed	Distillers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses
	Kansas City	Portland	21% protein	Illinois Points	Lawrenceburg <sup>1</sup>	Milwaukee	Dehydrated, 17% protein	Sun-cured	New Orleans
			Illinois Points				Kansas City	Kansas City	
	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton	Dollars per ton
1985 .....	59.00	82.40	90.90	80.80	111.10	74.50	92.70	82.30	68.80
1986 .....	45.90	65.70	98.30	63.40	115.90	81.40	93.10	85.30	56.50
1987 .....	76.80	85.90	117.60	84.60	133.80	111.10	110.70	105.20	59.80
1988 .....	84.10	102.20	116.30	90.60	141.00	125.10	136.20	130.60	60.10
1989 .....	80.60	95.80	98.80	88.70	117.30	96.50	125.90	121.10	56.80
1990 .....	65.80	87.80	96.00	80.30	126.40	94.00	109.70	103.20	68.00
1991 .....	69.40	85.10	101.50	85.00	123.50	105.10	101.50	95.90	64.00
1992 .....	71.00	81.60	93.90	67.20	121.90	104.50	112.40	103.80	55.60
1993 .....	80.60	88.70	89.30	80.50	123.80	(3)	124.70	114.2	62.50
1994 .....	66.30	82.00	82.00	83.80	105.40	(3)	118.40	112.70	71.20
1995 .....	120.40	118.70	119.30	132.10	156.10	(3)	130.40	122.00	77.50

<sup>1</sup> Cincinnati 1974–1980. <sup>2</sup> Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean meal, cottonseed meal, meat meal, tankage, fishmeal, wheat meals; bran, middlings, and millrun; gluten feed and meal; hominy feed, brewers' and distillers' dried grains; alfalfa meal; rice bran and feeding molasses. <sup>3</sup> Discontinued.

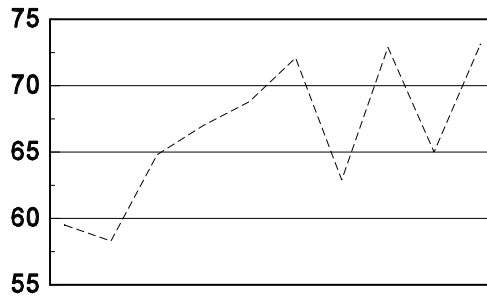
**All Wheat Production  
& Value of Production 1987-96**  
Billion Dollars Billion Bu.



Year	87	88	89	90	91	92	93	94	95	96	
Production	--	2.1	1.8	2.0	2.7	2.0	2.5	2.4	2.3	2.2	2.3
Value of Production	--	5.5	6.7	7.5	7.2	6.0	8.0	7.6	8.0	9.8	9.8

NASS Table I-2

**Corn Acres Harv. for Grain, 1987-96**  
Million Acres



Year	87	88	89	90	91	92	93	94	95	96	
Harv. Acres	--	59.5	58.3	64.8	67.0	68.8	72.1	62.9	72.9	65.0	73.1

NASS Table 1-37