

## 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, 1992–2001<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>
1992 .....	48.2	352.7	3.6	404.5	233.6	91.6	325.2	79.3
1993 .....	79.3	258.8	7.3	345.4	224.2	77.2	301.4	44.0
1994 .....	44.0	355.6	6.3	405.9	246.1	99.2	345.3	60.5
1995 .....	60.5	277.3	5.0	342.9	216.5	100.6	317.1	25.8
1996 .....	25.8	335.5	5.9	367.2	244.5	82.4	326.9	40.3
1997 .....	40.3	336.3	5.9	382.5	245.9	77.5	323.4	59.1
1998 .....	59.1	349.2	6.4	414.6	248.2	88.2	336.5	78.1
1999 .....	78.1	335.1	5.8	419.0	253.0	90.1	343.1	76.0
2000 <sup>3</sup> .....	76.0	342.5	5.7	424.2	257.1	89.2	346.3	77.8
2001 <sup>4</sup> .....	77.8	324.8	5.7	408.3	256.2	88.7	344.8	63.5

<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. <sup>4</sup> Projected as of January 11, 2002, World Agricultural Supply and Demand Estimates. Totals may not add due to independent rounding. ERS, Market and Trade Economics Division, (202) 694–5296.

**Table 1-2.—Wheat: Area, yield, production, and value, United States, 1992–2001**

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>
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 .....	69,031	60,955	35.8	2,182,708	4.55	9,787,766
1996 .....	75,105	62,819	36.3	2,277,388	4.30	9,782,238
1997 .....	70,412	62,840	39.5	2,481,466	3.38	8,286,741
1998 .....	65,821	59,002	43.2	2,547,321	2.65	6,780,623
1999 .....	62,714	53,823	42.7	2,299,010	2.48	5,593,989
2000 .....	62,629	53,133	42.0	2,232,460	2.62	5,782,107
2001 .....	59,617	48,653	40.2	1,957,643	2.80	5,553,815

<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 type: Area, yield, production, and value, United States, 1992–2001**

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>
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 .....	48,591	40,987	37.7	1,545,303	4.41	6,720,901
1996 .....	51,445	39,574	37.1	1,469,618	4.33	6,396,217
1997 .....	47,985	41,340	44.6	1,845,528	3.23	5,948,655
1998 .....	46,449	40,126	46.9	1,880,773	2.52	4,740,361
1999 .....	43,331	35,486	47.8	1,696,580	2.29	3,870,955
2000 .....	43,393	35,072	44.7	1,566,023	2.51	3,893,961
2001 .....	41,078	31,295	43.5	1,361,479	2.75	3,750,695
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>
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 .....	3,630	3,556	32.6	116,090	4.67	541,993
1997 .....	3,310	3,177	27.6	87,783	4.92	422,497
1998 .....	3,805	3,728	37.0	138,119	3.15	452,860
1999 .....	4,035	3,569	27.8	99,322	2.73	284,677
2000 .....	3,937	3,572	30.7	109,805	2.66	301,356
2001 .....	2,910	2,789	30.0	83,556	3.00	266,353
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>
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 .....	17,004	16,612	32.2	535,125	4.59	2,499,324
1996 .....	20,030	19,689	35.1	691,680	4.20	2,844,028
1997 .....	19,117	18,323	29.9	548,155	3.53	1,915,589
1998 .....	15,567	15,148	34.9	528,469	3.00	1,587,402
1999 .....	15,348	14,768	34.1	503,108	2.88	1,438,357
2000 .....	15,299	14,489	38.4	556,632	2.85	1,586,790
2001 .....	15,629	14,569	35.2	512,608	2.95	1,536,767

<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, 1992–2001**

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</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels
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 .....	859,800	570,550	335,250	163,410	1,209,694	920,554	633,949	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	320,750	154,560	899,696	634,660	501,069	289,047
1997 .....	794,350	604,000	399,920	224,210	1,281,998	1,015,242	766,644	498,268
1998 .....	885,720	680,200	471,220	277,710	1,499,595	1,215,481	979,191	668,208
1999 .....	888,060	647,400	424,680	226,780	1,556,983	1,236,344	991,841	722,968
2000 .....	808,390	623,420	384,750	197,270	1,544,280	1,182,705	953,648	678,912
2001 .....	696,850	517,890	NA	NA	1,458,964	1,105,485	NA	NA

  

Year beginning September	Durum wheat <sup>2</sup>							
	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</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels	<i>1,000</i> bushels
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	16,801	13,752
1995 .....	72,560	47,220	27,250	12,470	24,655	23,886	21,311	12,931
1996 .....	79,700	66,100	33,100	17,800	22,410	19,541	21,855	12,938
1997 .....	51,000	37,000	22,000	13,380	36,712	30,280	20,473	12,448
1998 .....	88,000	75,300	58,200	37,500	37,908	33,300	30,372	17,302
1999 .....	96,900	74,500	51,700	30,300	39,830	35,449	29,617	19,532
2000 .....	85,700	72,000	44,200	29,100	37,573	32,306	28,616	16,073
2001 .....	63,300	49,600	NA	NA	33,841	26,097	NA	NA

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>2</sup> Included in all wheat. NA-not available.

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

**Table 1-5.—Wheat: Supply and disappearance, by class, United States, 1997–2001<sup>1</sup>**

Item	Year beginning June				
	1997	1998	1999	2000	2001
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
<b>All wheat:</b>					
Stocks, June 1 .....	444	722	946	950	876
Production .....	2,481	2,547	2,299	2,232	1,958
Supply <sup>2</sup> .....	3,020	3,373	3,339	3,272	2,929
Exports <sup>3</sup> .....	1,040	1,042	1,090	1,061	1,000
Domestic disappearance .....	1,257	1,385	1,300	1,334	1,258
Stocks, May 31 .....	722	946	950	876	671
<b>Hard red winter:</b>					
Stocks, June 1 .....	143	307	435	458	411
Production .....	1,098	1,179	1,051	846	767
Supply <sup>2</sup> .....	1,242	1,487	1,486	1,304	1,179
Exports <sup>3</sup> .....	358	4531	486	402	365
Domestic disappearance .....	577	599	542	491	493
Stocks, May 31 .....	307	435	458	411	321
<b>Soft red winter:</b>					
Stocks, June 1 .....	45	80	136	133	135
Production .....	472	443	454	471	400
Supply <sup>2</sup> .....	517	523	590	604	535
Exports <sup>3</sup> .....	180	105	170	176	210
Domestic disappearance .....	257	282	287	293	261
Stocks, May 31 .....	80	136	133	135	64
<b>Hard red spring:</b>					
Stocks, June 1 .....	166	220	233	218	210
Production .....	491	486	448	502	476
Supply <sup>2</sup> .....	714	765	741	779	735
Exports <sup>3</sup> .....	240	247	230	230	220
Domestic disappearance .....	254	284	293	339	323
Stocks, May 31 .....	220	233	218	210	192
<b>Durum:</b>					
Stocks, June 1 .....	31	26	55	50	45
Production .....	88	138	99	110	84
Supply <sup>2</sup> .....	148	197	182	185	164
Exports <sup>3</sup> .....	57	40	44	50	50
Domestic disappearance .....	65	103	89	90	91
Stocks, May 31 .....	26	55	50	45	23
<b>White:</b>					
Stocks, June 1 .....	59	90	87	91	75
Production .....	332	301	247	303	232
Supply <sup>2</sup> .....	399	401	340	399	317
Exports <sup>3</sup> .....	205	198	160	203	155
Domestic disappearance .....	104	116	89	121	91
Stocks, May 31 .....	90	87	91	75	71

<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, Market and Trade Economics Division, (202) 694-5285.

**Table 1-6.—Wheat: Area, yield, and production, by States, 1999–2001**

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
	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	140	170	90	90	70	48.0	54.0	48.0	4,320	4,860	3,360
AZ .....	86	92	94	85	92	93	97.9	95.4	91.6	8,325	8,775	8,517
AR .....	970	1,180	1,100	920	1,100	970	56.0	54.0	52.0	51,520	59,400	50,440
CA .....	590	635	615	455	487	461	83.0	76.0	76.1	37,785	37,000	35,105
CO .....	2,653	2,548	2,397	2,450	2,396	2,044	43.8	29.8	33.8	107,200	71,370	69,168
DE .....	75	65	60	70	63	57	57.0	66.0	61.0	3,990	4,158	3,477
FL .....	16	13	10	13	9	9	40.0	49.0	41.0	520	441	369
GA .....	300	300	300	225	200	200	43.0	54.0	53.0	9,675	10,800	10,600
ID .....	1,420	1,370	1,280	1,350	1,300	1,200	77.4	83.4	71.0	104,520	108,450	85,150
IL .....	1,050	950	750	1,010	920	720	60.0	57.0	61.0	60,600	52,440	43,920
IN .....	550	550	400	510	510	380	66.0	69.0	66.0	33,660	35,190	25,080
IA .....	40	20	25	31	18	18	43.0	47.0	54.0	1,333	846	972
KS .....	10,000	9,800	9,800	9,200	9,400	8,200	47.0	37.0	40.0	432,400	347,800	328,000
KY .....	650	670	550	410	420	360	60.0	57.0	66.0	24,600	23,940	23,760
LA .....	110	200	175	105	185	160	47.0	53.0	50.0	4,935	9,805	8,000
MD .....	215	220	190	200	200	175	60.0	63.0	63.0	12,000	12,600	11,025
MI .....	610	530	570	600	500	560	69.0	72.0	64.0	41,400	36,000	35,840
MN .....	2,045	2,022	1,867	1,990	1,971	1,815	39.8	49.0	43.9	79,210	96,526	79,655
MS .....	180	250	250	165	235	225	50.0	55.0	52.0	8,250	12,925	11,700
MO .....	980	1,050	900	920	950	760	48.0	52.0	54.0	44,160	49,400	41,040
MT .....	5,560	5,330	5,360	5,320	4,920	4,215	29.0	27.5	22.9	154,310	135,210	96,570
NE .....	1,900	1,750	1,750	1,700	1,650	1,600	48.0	36.0	37.0	81,600	59,400	59,200
NV .....	17	18	15	15	15	3	91.7	98.0	90.0	1,375	1,470	270
NJ .....	42	40	31	33	35	27	56.0	57.0	45.0	1,848	1,995	1,215
NM .....	445	470	500	280	175	240	38.0	24.0	34.0	10,640	4,200	8,160
NY .....	130	150	125	125	140	120	65.0	53.0	53.0	8,125	7,420	6,360
NC .....	650	720	680	580	550	470	49.0	50.0	39.0	28,420	27,500	18,330
ND .....	9,410	10,170	9,450	8,657	9,413	9,080	28.0	33.7	32.2	242,280	316,985	292,400
OH .....	1,050	1,120	950	1,030	1,110	900	70.0	72.0	67.0	72,100	79,920	60,300
OK .....	6,400	6,100	5,600	4,300	4,200	3,700	35.0	34.0	33.0	150,500	142,800	122,100
OR .....	870	935	930	783	910	875	44.3	58.8	38.0	34,659	53,540	33,250
PA .....	195	200	170	190	195	160	54.0	53.0	52.0	10,260	10,335	8,320
SC .....	225	200	220	220	195	210	43.0	49.0	43.0	9,460	9,555	9,030
SD .....	3,105	3,020	3,025	3,024	2,878	2,044	39.9	39.7	37.6	120,582	114,268	76,766
TN .....	500	550	500	340	380	340	56.0	55.0	54.0	19,040	20,900	18,360
TX .....	6,200	6,000	5,600	3,400	2,200	3,200	36.0	30.0	34.0	122,400	66,000	108,800
UT .....	176	173	160	170	166	141	52.6	41.3	42.8	8,940	6,850	6,034
VA .....	280	240	200	240	205	170	57.0	63.0	60.0	13,680	12,915	10,200
WA .....	2,525	2,475	2,490	2,290	2,420	2,380	54.2	68.1	55.7	124,140	164,880	132,580
WV .....	11	13	12	7	9	8	57.0	61.0	58.0	399	549	464
WI .....	133	149	178	127	143	167	58.9	61.0	64.1	7,480	8,730	10,708
WY .....	210	201	168	193	178	126	33.0	24.2	24.2	6,369	4,312	3,048
US .....	62,714	62,629	59,617	53,823	53,133	48,653	42.7	42.0	40.2	2,299,010	2,232,460	1,957,643

<sup>1</sup> Includes area planted preceding fall.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-7.—Wheat: Supply and disappearance, United States, 1990–2001**

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Beginning stocks	Production	Imports <sup>1</sup>	Total	Domestic use				Ex-ports <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	
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 .....	507	2,183	68	2,757	883	103	154	1,140	1,241	2,381	376	
1996 .....	376	2,277	92	2,746	891	102	308	1,301	1,002	2,302	444	
1997 .....	444	2,481	95	3,020	914	92	251	1,257	1,040	2,298	722	
1998 .....	722	2,547	103	3,373	907	81	397	1,384	1,042	2,427	946	
1999 .....	946	2,299	95	3,339	925	92	284	1,300	1,090	2,390	950	
2000 .....	950	2,223	90	3,272	956	80	298	1,334	1,061	2,396	876	
2001 <sup>3</sup> .....	876	1,958	95	2,929	950	83	225	1,258	1,000	2,258	671	

<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, Market and Trade Economics Division, (202) 694-5296.

Table 1-8.—Wheat, by type: Area, yield, and production, by States, 1999–2001

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
Winter wheat												
	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	140	170	90	90	70	48.0	54.0	48.0	4,320	4,860	3,360
AZ .....	11	7	6	10	7	6	105.0	100.0	100.0	1,050	700	600
AR .....	970	1,180	1,100	920	1,100	970	56.0	54.0	52.0	51,520	59,400	50,440
CA .....	500	535	530	370	390	380	78.0	70.0	70.0	28,860	27,300	26,600
CO .....	2,600	2,500	2,350	2,400	2,350	2,000	43.0	29.0	33.0	103,200	68,150	66,000
DE .....	75	65	60	70	63	57	57.0	66.0	61.0	3,990	4,158	3,477
FL .....	16	13	10	13	9	9	40.0	49.0	41.0	520	441	369
GA .....	300	300	300	225	200	200	43.0	54.0	53.0	9,675	10,800	10,600
ID .....	760	780	760	710	730	710	76.0	90.0	73.0	53,960	65,700	51,830
IL .....	1,050	950	750	1,010	920	720	60.0	57.0	61.0	60,600	52,440	43,920
IN .....	550	550	400	510	510	380	66.0	69.0	66.0	33,660	35,190	25,080
IA .....	40	20	25	31	18	18	43.0	47.0	54.0	1,333	846	972
KS .....	10,000	9,800	9,800	9,200	9,400	8,200	47.0	37.0	40.0	432,400	347,800	328,000
KY .....	650	670	550	410	420	360	60.0	57.0	66.0	24,600	23,940	23,760
LA .....	110	200	175	105	185	160	47.0	53.0	50.0	4,935	9,805	8,000
MD .....	215	220	190	200	200	175	60.0	63.0	63.0	12,000	12,600	11,025
MI .....	610	530	570	600	500	560	69.0	72.0	64.0	41,400	36,000	35,840
MN .....	40	20	15	35	19	13	30.0	46.0	29.0	1,050	874	377
MS .....	180	250	250	165	235	225	50.0	55.0	52.0	8,250	12,925	11,700
MO .....	980	1,050	900	920	950	760	48.0	52.0	54.0	44,160	49,400	41,040
MT .....	1,050	1,500	1,300	970	1,350	870	38.0	33.0	22.0	36,860	44,550	19,140
NE .....	1,900	1,750	1,750	1,700	1,650	1,600	48.0	36.0	37.0	81,600	59,400	59,200
NV .....	11	10	9	10	9	2	95.0	100.0	95.0	950	900	190
NJ .....	42	40	31	33	35	27	56.0	57.0	45.0	1,848	1,995	1,215
NM .....	445	470	500	280	175	240	38.0	24.0	34.0	10,640	4,200	8,160
NY .....	130	150	125	125	140	120	65.0	53.0	53.0	8,125	7,420	6,360
NC .....	650	720	680	580	550	470	49.0	50.0	39.0	28,420	27,500	18,330
ND .....	60	120	150	57	113	80	40.0	45.0	40.0	2,280	5,085	3,200
OH .....	1,050	1,120	950	1,030	1,110	900	70.0	72.0	67.0	72,100	79,920	60,300
OK .....	6,400	6,100	5,600	4,300	4,200	3,700	35.0	34.0	33.0	150,500	142,800	122,100
OR .....	710	750	750	630	730	700	47.0	62.0	40.0	29,610	45,260	28,000
PA .....	195	200	170	190	195	160	54.0	53.0	52.0	10,260	10,335	8,320
SC .....	225	200	220	220	195	210	43.0	49.0	43.0	9,460	9,555	9,030
SD .....	1,300	1,350	1,300	1,260	1,280	370	47.0	42.0	32.0	59,220	53,760	11,840
TN .....	500	550	500	340	380	340	56.0	55.0	54.0	19,040	20,900	18,360
TX .....	6,200	6,000	5,600	3,400	2,200	3,200	36.0	30.0	34.0	122,400	66,000	108,800
UT .....	150	150	140	145	145	125	52.0	40.0	42.0	7,540	5,800	5,250
VA .....	280	240	200	240	205	170	57.0	63.0	60.0	13,680	12,915	10,200
WA .....	1,900	1,850	1,850	1,670	1,800	1,750	58.0	73.0	61.0	96,860	131,400	106,750
WV .....	11	13	12	7	9	8	57.0	61.0	58.0	399	549	464
WI .....	125	140	170	120	135	160	60.0	62.0	65.0	7,200	8,370	10,400
WY .....	200	190	160	185	170	120	33.0	24.0	24.0	6,105	4,080	2,880
US .....	43,331	43,393	41,078	35,486	35,072	31,295	47.8	44.7	43.5	1,696,580	1,566,023	1,361,479
Durum wheat												
AZ .....	75	85	88	75	85	87	97.0	95.0	91.0	7,275	8,075	7,917
CA .....	90	100	85	85	97	81	105.0	100.0	105.0	8,925	9,700	8,505
MN .....	5	2	2	5	2	2	32.0	51.0	39.0	160	102	78
MT .....	360	480	510	350	470	495	27.0	28.0	24.0	9,450	13,160	11,880
ND .....	3,450	3,250	2,200	3,000	2,900	2,100	24.0	27.0	26.0	72,000	78,300	54,600
SD .....	55	20	25	54	18	24	28.0	26.0	24.0	1,512	468	576
US .....	4,035	3,937	2,910	3,569	3,572	2,789	27.8	30.7	30.0	99,322	109,805	83,556
Other spring wheat												
CO .....	53	48	47	50	46	44	80.0	70.0	72.0	4,000	3,220	3,168
ID .....	660	590	520	640	570	490	79.0	75.0	68.0	50,560	42,750	33,320
MN .....	2,000	2,000	1,850	1,950	1,950	1,800	40.0	49.0	44.0	78,000	95,550	79,200
MT .....	4,150	3,350	3,550	4,000	3,100	2,850	27.0	25.0	23.0	108,000	77,500	65,550
NV .....	6	8	6	5	6	1	85.0	95.0	80.0	425	570	80
ND .....	5,900	6,800	7,100	5,600	6,400	6,900	30.0	36.5	34.0	168,000	233,600	234,600
OR .....	160	185	180	153	180	175	33.0	46.0	30.0	5,049	8,280	5,250
SD .....	1,750	1,650	1,700	1,710	1,580	1,650	35.0	38.0	39.0	59,850	60,040	64,350
UT .....	26	23	20	25	21	16	56.0	50.0	49.0	1,400	1,050	784
WA .....	625	625	640	620	620	630	44.0	54.0	41.0	27,280	33,480	25,830
WI .....	8	9	8	7	8	7	40.0	45.0	44.0	280	360	308
WY .....	10	11	8	8	8	6	33.0	29.0	28.0	264	232	168
US .....	15,348	15,299	15,629	14,768	14,489	14,569	34.1	38.4	35.2	503,108	556,632	512,608

<sup>1</sup> Includes area planted preceding fall.

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

**Table 1-9.—Wheat: Support operations, United States, 1992–2001**

Marketing year beginning June 1	Income support payment rates per bushel <sup>1</sup>	Program price levels per bushel		Put under loan <sup>4</sup>		Acquired by CCC under loan program <sup>5</sup>	Owned by CCC at end of marketing year <sup>6</sup>
		Loan <sup>2</sup>	Target <sup>3</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1992/93 .....	0.81	2.21	4.00	240	9.7	0	150
1993/94 .....	1.03	2.45	4.00	258	10.8	0	150
1994/95 .....	0.61	2.58	4.00	231	10.0	0	142
1995/96 .....	0.00	2.58	4.00	114	5.2	0	118
1996/97 .....	0.874	2.58	NA	194	8.5	0	93
1997/98 .....	0.631	2.58	NA	264	10.6	2	94
1998/99 .....	0.993	2.58	NA	363	14.3	30	128
1999/2000 ...	1.274	2.58	NA	154	6.7	13	104
2000/2001 ...	1.225	2.58	NA	181	8.1	27	97
2001/2002 ...	1.014	2.58	NA	.....	.....	.....	.....

<sup>1</sup> Payment rates for the 1995/96 and prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and includes supplemental PFC payment rates. Payment rates are rounded to the nearest tenth of a cent. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>4</sup> Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. <sup>5</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous year. <sup>6</sup> Includes 147 million bushels in Food Security Reserve, except 131 million bushels in 1988/89, 71 million bushels in 1989/90 and 141 bushels in 1994/95. NA-not applicable.

FSA, Food Grains Analysis Group, (202) 720-4146.

**Table 1-10.—Wheat: Marketing year average price and value, by States, crop of 1999, 2000, and 2001**

State	Marketing year average price per bushel			Value of production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <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 .....	2.40	2.35	2.35	10,368	11,421	7,896
AZ .....	4.00	3.45	3.80	32,250	30,279	31,795
AR .....	2.24	2.35	2.35	115,405	139,590	118,534
CA .....	2.84	2.82	3.20	112,388	103,834	112,544
CO .....	2.22	2.70	2.75	238,336	191,991	190,054
DE .....	2.20	2.10	2.45	8,778	8,732	8,519
FL .....	2.45	2.25	2.25	1,274	992	830
GA .....	2.31	2.45	2.05	22,349	26,460	21,730
ID .....	2.59	2.63	3.30	269,152	281,124	279,144
IL .....	2.11	2.09	2.45	127,866	109,600	107,604
IN .....	2.13	2.11	2.40	71,696	74,251	60,192
IA .....	2.38	2.15	2.50	3,173	1,819	2,430
KS .....	2.25	2.65	2.75	972,900	921,670	902,000
KY .....	2.19	2.26	2.55	53,874	54,104	60,588
LA .....	2.30	2.40	2.75	11,351	23,532	22,000
MD .....	2.25	2.10	2.45	27,000	26,460	27,011
MI .....	2.12	2.11	2.45	87,768	75,960	87,808
MN .....	2.87	2.89	3.00	227,331	278,473	238,798
MS .....	2.38	2.54	2.45	19,635	32,830	28,665
MO .....	2.10	2.28	2.45	92,736	112,632	100,548
MT .....	2.93	3.02	3.30	451,779	409,007	316,746
NE .....	2.20	2.61	2.80	179,520	155,034	165,760
NV .....	2.64	2.55	3.15	3,592	3,773	844
NJ .....	2.20	2.10	2.30	4,066	4,190	2,795
NM .....	2.40	2.70	2.60	25,536	11,340	21,216
NY .....	2.05	1.94	2.45	16,656	14,395	15,582
NC .....	2.33	2.35	2.55	66,219	64,625	46,742
ND .....	2.77	2.71	2.85	670,237	857,369	831,420
OH .....	2.01	2.02	2.50	144,921	161,438	150,750
OK .....	2.24	2.57	2.80	337,120	366,996	341,880
OR .....	2.81	2.63	3.40	97,456	140,899	113,050
PA .....	2.49	2.19	2.65	25,547	22,634	22,048
SC .....	2.30	2.40	2.30	21,758	22,932	20,769
SD .....	2.55	2.68	2.80	296,905	305,577	219,949
TN .....	2.30	2.35	2.50	43,792	49,115	45,900
TX .....	2.28	2.52	2.85	279,072	166,320	310,080
UT .....	2.65	3.25	3.20	23,944	22,578	19,426
VA .....	2.00	2.00	2.30	27,360	25,830	23,460
WA .....	2.77	2.70	3.30	345,299	443,369	442,680
WV .....	2.23	1.93	2.45	890	1,060	1,137
WI .....	1.75	1.85	2.30	13,076	16,230	24,628
WY .....	2.12	2.70	2.70	13,614	11,642	8,263
US .....	2.48	2.62	2.80	5,593,989	5,782,107	5,553,815

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

**Table 1-11.—Wheat: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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 .....	10,769	10,367	10,962	2.24	2.59	2.45	24,076	26,900	26,804
Mexico .....	768	640	680	4.21	4.77	4.85	3,235	3,050	3,300
United States .....	23,877	21,781	21,502	2.90	2.87	2.83	69,327	62,569	60,758
Total .....	35,414	32,788	33,144	2.73	2.82	2.74	96,638	92,519	90,862
South America:									
Argentina .....	5,133	6,153	6,392	2.42	2.55	2.58	12,400	15,700	16,500
Bolivia .....	130	37	35	0.96	0.95	0.71	125	35	25
Brazil .....	1,425	1,252	1,468	1.54	1.92	1.13	2,188	2,403	1,660
Chile .....	339	392	414	3.53	3.81	4.30	1,197	1,493	1,780
Colombia .....	13	13	14	1.92	2.08	2.07	25	27	29
Ecuador .....	25	25	25	0.60	0.60	0.60	15	15	15
Paraguay .....	200	125	125	1.25	1.60	1.28	250	200	160
Peru .....	125	130	146	1.16	1.28	1.28	145	167	187
Uruguay .....	193	185	150	2.90	2.08	2.33	559	384	350
Total .....	7,583	8,312	8,769	2.23	2.46	2.36	16,904	20,424	20,706
Guatemala .....	3	3	3	1.67	1.67	1.67	5	5	5
Europe:									
Austria .....	263	260	280	5.10	5.45	4.46	1,341	1,416	1,250
Belgium-Luxembourg .....	235	200	230	7.23	7.50	7.39	1,700	1,500	1,700
Denmark .....	680	638	627	7.25	7.01	7.48	4,928	4,471	4,693
Finland .....	137	118	150	2.92	2.15	3.60	400	254	540
France .....	5,234	5,114	5,200	7.60	7.24	7.22	39,793	37,002	37,525
Germany .....	2,803	2,601	2,969	7.20	7.54	7.28	20,188	19,615	21,622
Greece .....	750	800	800	2.44	2.38	2.38	1,830	1,900	1,900
Ireland .....	83	75	80	7.83	8.15	8.75	650	611	700
Italy .....	2,305	2,387	2,322	3.44	3.07	3.14	7,939	7,328	7,282
Netherlands .....	137	103	136	8.03	8.26	8.40	1,100	851	1,143
Portugal .....	146	226	249	1.03	1.56	1.42	150	352	353
Spain .....	1,875	2,442	2,370	2.85	2.01	3.09	5,347	4,900	7,330
Sweden .....	398	280	380	5.65	6.07	6.58	2,249	1,700	2,500
United Kingdom .....	2,045	1,847	2,086	7.56	8.05	8.01	15,470	14,870	16,700
Total .....	17,091	17,091	17,879	6.03	5.66	5.89	103,085	96,770	105,238
Eastern Europe:									
Albania .....	130	120	100	2.85	2.75	3.00	370	330	300
Bosnia-Herzegovina .....	106	95	104	3.22	2.72	3.26	341	258	339
Croatia .....	251	169	235	4.28	3.30	4.39	1,074	558	1,032
Bulgaria .....	1,100	1,000	1,050	3.00	2.90	2.52	3,300	2,900	2,650
Czech Republic .....	912	867	970	4.22	4.65	4.21	3,845	4,028	4,084
Hungary .....	1,100	734	1,040	4.55	3.59	3.46	5,000	2,636	3,600
Macedonia (Skopje) .....	114	114	115	2.95	2.89	2.78	336	330	320
Poland .....	2,631	2,583	2,635	3.62	3.50	3.23	9,537	9,051	8,500
Romania .....	1,970	1,600	1,600	2.64	3.00	2.75	5,200	4,800	4,400
Serbia .....	796	619	653	3.73	3.23	2.76	2,967	2,000	1,800
Slovakia .....	429	296	400	4.17	4.01	3.13	1,789	1,187	1,250
Slovenia .....	35	32	36	4.83	3.66	3.06	169	117	110
Total E. Europe .....	9,574	8,229	8,938	3.54	3.43	3.18	33,928	28,195	28,385
Oth. W. Eur.:									
Malta & Gozo .....	1	1	1	5.00	5.00	5.00	5	5	5
Norway .....	75	60	65	4.53	4.63	4.31	340	278	280
Switzerland .....	97	97	100	6.27	6.27	6.10	608	608	610
Total .....	173	158	166	5.51	5.64	5.39	953	891	895
Fmr. Soviet Union:									
Armenia .....	110	90	90	2.27	2.33	1.11	250	210	100
Azerbaijan .....	515	423	493	1.59	2.05	2.64	819	866	1,300
Belarus .....	369	411	425	2.13	1.73	2.24	787	711	950
Estonia .....	67	68	69	1.76	1.29	2.13	118	88	147
Georgia .....	133	111	90	1.09	2.04	1.00	145	226	90
Kazakhstan .....	9,100	8,730	10,500	0.52	1.28	0.87	4,700	11,200	9,100
Kyrgyzstan .....	500	450	450	2.40	2.44	2.22	1,200	1,100	1,000
Latvia .....	151	146	158	2.55	2.41	2.69	385	352	425
Lithuania .....	360	333	371	2.86	2.62	3.33	1,031	871	1,237
Moldova .....	333	336	320	3.00	2.34	2.81	1,000	785	900
Russian Fed. .....	26,101	23,000	23,200	1.03	1.35	1.48	27,000	31,000	34,450
Tajikistan .....	340	326	301	1.14	1.12	0.94	389	366	283
Turkmenistan .....	500	600	700	2.40	1.67	1.64	1,200	1,000	1,150
Ukraine .....	5,641	5,931	5,161	2.65	2.29	1.98	14,937	13,585	10,197
Uzbekistan .....	1,300	1,400	1,200	2.77	2.64	3.00	3,600	3,700	3,600
Total .....	45,520	42,355	43,528	1.26	1.56	1.49	57,561	66,060	64,929

See footnotes at end of table.



**Table 1-11.—Wheat: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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>Middle East:</b>									
Cyprus .....	10	10	10	1.00	1.00	1.00	10	10	10
Iran .....	6,600	6,000	6,000	1.82	1.42	1.25	12,000	8,500	7,500
Iraq .....	1,600	1,300	1,300	0.81	0.62	0.62	1,300	800	800
Israel .....	80	10	25	1.56	3.50	3.20	125	35	80
Jordan .....	52	23	28	1.15	0.52	0.68	60	12	19
Lebanon .....	10	10	15	2.00	3.00	2.00	20	30	30
Saudi Arabia .....	335	400	400	5.37	4.50	4.50	1,800	1,800	1,800
Syria .....	1,721	1,200	1,200	2.39	2.17	2.25	4,112	2,600	2,700
Turkey .....	8,550	8,650	8,700	2.11	1.91	2.01	18,000	16,500	17,500
Yemen .....	110	110	100	1.45	1.45	1.50	160	160	150
<b>Total .....</b>	<b>19,068</b>	<b>17,713</b>	<b>17,778</b>	<b>1.97</b>	<b>1.72</b>	<b>1.72</b>	<b>37,587</b>	<b>30,447</b>	<b>30,589</b>
<b>Africa:</b>									
Algeria .....	2,000	1,372	827	1.10	1.07	0.92	2,200	1,470	760
Angola .....	5	5	5	0.80	0.80	0.80	4	4	4
Chad .....	4	4	4	1.50	1.50	1.50	6	6	6
Egypt .....	1,017	1,035	1,190	6.00	6.14	5.34	6,104	6,350	6,350
Ethiopia .....	1,100	1,650	1,500	1.32	1.27	1.27	1,450	2,100	1,900
Kenya .....	145	145	145	2.07	2.07	2.07	300	300	300
Lesotho .....	25	13	13	1.20	1.15	1.15	30	15	15
Libya .....	290	290	250	0.55	0.55	0.50	160	160	125
Morocco .....	3,087	2,692	2,902	1.42	0.80	0.48	4,378	2,154	1,381
Mozambique .....	3	3	3	1.00	1.00	1.00	3	3	3
Nigeria .....	35	35	35	1.14	1.29	1.29	40	45	45
<b>South Africa,</b>									
Rep. of .....	748	718	934	2.52	2.40	2.51	1,884	1,725	2,349
Sudan .....	150	100	100	3.57	2.00	2.25	535	200	225
Tanzania, .....									
United Rep. of .....	75	60	40	1.33	1.42	1.25	100	85	50
Tunisia .....	903	910	910	1.50	1.53	1.45	1,353	1,393	1,320
Zaire .....	10	10	10	1.00	1.00	1.00	10	10	10
Zambia .....	11	12	11	5.91	7.50	5.45	65	90	60
Zimbabwe .....	50	57	46	6.00	5.68	5.54	300	324	255
<b>Total .....</b>	<b>9,658</b>	<b>9,111</b>	<b>8,925</b>	<b>1.96</b>	<b>1.80</b>	<b>1.70</b>	<b>18,922</b>	<b>16,434</b>	<b>15,158</b>
<b>Asia:</b>									
Afghanistan .....	2,186	2,027	2,029	1.30	1.22	0.72	2,834	2,480	1,469
Bangladesh .....	805	805	773	2.24	2.47	2.16	1,803	1,988	1,673
Bhutan .....	13	13	13	1.54	1.54	1.54	20	20	20
Burma .....	90	90	90	1.00	1.11	1.11	90	100	100
China, Peop. Rep. ....	29,774	28,855	26,650	3.69	3.95	3.74	109,726	113,880	99,640
India .....	26,700	27,400	27,486	2.49	2.58	2.78	66,350	70,780	76,369
Japan .....	162	169	183	3.52	3.45	3.76	570	583	688
Korea, Dem. Rep. ....	90	125	90	1.11	2.00	1.67	100	250	150
Korea, Rep. ....	1	2	1	5.00	3.00	2.00	5	6	2
Mongolia .....	300	300	300	0.63	0.67	0.50	190	200	150
Nepal .....	630	640	640	1.63	1.64	1.64	1,030	1,050	1,050
Pakistan .....	8,355	8,231	8,463	2.24	2.17	2.49	18,694	17,854	21,079
<b>Total .....</b>	<b>69,106</b>	<b>68,657</b>	<b>66,718</b>	<b>2.91</b>	<b>3.05</b>	<b>3.03</b>	<b>201,412</b>	<b>209,191</b>	<b>202,390</b>
<b>Oceania:</b>									
Australia .....	11,543	12,168	13,002	1.86	2.03	1.83	21,465	24,757	23,766
New Zealand .....	55	55	55	5.00	5.00	5.00	275	275	275
<b>Total .....</b>	<b>11,598</b>	<b>12,223</b>	<b>13,057</b>	<b>1.87</b>	<b>2.05</b>	<b>1.84</b>	<b>21,740</b>	<b>25,032</b>	<b>24,041</b>
<b>World Total ...</b>	<b>224,788</b>	<b>216,641</b>	<b>218,905</b>	<b>2.62</b>	<b>2.70</b>	<b>2.66</b>	<b>588,735</b>	<b>585,968</b>	<b>583,198</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, 1990–2000**

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>
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	108,859
1994 .....	70,561	8,073	13,313	91,947
1995 .....	47,753	6,687	13,493	67,933
1996 .....	71,727	6,386	14,220	92,333
1997 .....	73,245	6,055	15,623	94,923
1998 .....	79,766	7,423	15,815	103,004
1999 .....	72,408	7,115	14,984	94,506
2000 .....	66,296	8,863	14,670	89,829

<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, Market and Trade Economics Division, (202) 694-5285.

**Table 1-13.—Wheat and flour: <sup>1</sup> International trade, 1998/99–2000/2001 <sup>2</sup>**

Country	1998/99	1999/2000	2000/2001 <sup>3</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>Principal exporters:</b>			
Argentina .....	8,985	10,782	11,396
Australia .....	16,104	17,124	16,682
Canada .....	14,394	19,373	17,351
India .....	0	200	2,177
Kazakstan .....	2,295	6,514	3,668
Syria .....	411	82	0
Turkey .....	2,803	1,984	1,601
European Union .....	14,589	17,432	15,000
Eastern Europe .....	4,130	3,384	2,292
Others .....	9,127	5,920	4,777
Subtotal .....	72,838	82,795	74,944
United States .....	29,035	29,462	27,872
<b>Total .....</b>	<b>101,873</b>	<b>112,257</b>	<b>102,816</b>
<b>Principal importers:</b>			
Algeria .....	4,250	4,750	5,000
Bangladesh .....	2,033	1,596	1,200
Bolivia .....	399	375	375
Brazil .....	7,325	7,196	7,300
Chile .....	754	710	500
China .....	829	1,010	300
Columbia .....	1,101	1,135	1,200
Cuba .....	977	1,119	1,000
Ecuador .....	410	485	500
Egypt .....	7,430	5,973	5,800
Ethiopia .....	466	937	850
Georgia .....	500	391	500
India .....	1,294	1,311	100
Indonesia .....	3,117	3,739	4,000
Iran .....	2,538	7,363	6,500
Iraq .....	2,028	2,650	3,300
Israel .....	1,517	1,600	1,600
Japan .....	5,959	5,960	5,911
Jordan .....	344	741	700
Korea, North .....	703	334	500
Korea, South .....	4,689	3,811	3,127
Lebanon .....	400	400	400
Libya .....	1,236	1,600	1,400
Malaysia .....	1,263	1,278	1,300
Mexico .....	2,485	2,632	3,100
Morocco .....	2,819	3,100	3,300
Nigeria .....	1,466	1,275	1,900
Pakistan .....	3,130	1,766	150
Peru .....	1,348	1,250	1,500
Philippines .....	2,328	2,982	3,100
Russia .....	2,490	5,083	1,500
South Africa .....	567	806	600
Sri Lanka .....	867	834	825
Taiwan .....	1,011	1,125	1,000
Thailand .....	830	808	900
Tunisia .....	1,084	1,186	1,300
Turkey .....	1,862	1,455	500
UAE .....	774	1,250	1,200
Ukraine .....	78	450	700
Uzbekistan .....	380	550	600
Venezuela .....	1,300	1,386	1,400
Vietnam .....	604	550	650
Yemen .....	2,066	2,002	2,000
European Union .....	3,761	4,176	4,000
Other Western Europe .....	576	743	560
Eastern Europe .....	2,075	1,391	2,578
United States .....	2,876	2,540	2,400
Subtotal .....	88,339	95,804	89,126
Other Countries .....	11,362	14,028	12,830
Unaccounted .....	2,172	2,425	860
<b>Total .....</b>	<b>101,873</b>	<b>112,257</b>	<b>102,816</b>

<sup>1</sup>Flour reported in terms of grain equivalent. <sup>2</sup>Year beginning July 1. <sup>3</sup>Preliminary.  
 FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics from 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 1-14.—Wheat and flour: <sup>1</sup> United States exports by country of destination, 1998/99 and 2000/2001**

Country of destination	Year <sup>2</sup>		
	1998/99	1999/2000	2000/2001
	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Wheat:</b>			
Egypt .....	4,613	4,168	4,186
Japan .....	3,061	3,209	3,032
Mexico .....	1,675	1,799	1,992
Philippines .....	1,609	2,114	1,942
Nigeria .....	1,249	1,087	1,476
Korea, Republic of .....	1,642	1,580	1,434
Taiwan .....	914	1,018	942
Indonesia .....	533	422	770
Italy .....	606	690	725
Israel .....	765	826	670
Yemen .....	321	527	644
Colombia .....	599	702	627
Venezuela .....	642	422	604
Sri Lanka .....	466	466	465
Jordan .....	192	525	436
Algeria .....	475	652	417
Peru .....	703	367	412
Morocco .....	208	375	407
Thailand .....	297	289	353
Ethiopia .....	102	447	344
Other .....	7,156	6,330	5,009
<b>Total .....</b>	<b>27,829</b>	<b>28,014</b>	<b>26,887</b>
<b>Wheat flour:</b>			
Yemen .....	75	87	118
Mozambique .....	55	65	101
Tajikistan, Republic .....	18	32	68
Yugoslavia .....	54	164	66
Haiti .....	206	98	55
Bangladesh .....	101	81	52
Canada .....	39	48	49
Russian Federation .....	7	18	45
India .....	52	52	37
Angola .....	12	0	34
Bolivia .....	30	57	30
Georgia, Republic of .....	5	6	24
Mexico .....	67	27	20
Moldova, Republic of .....	7	12	15
Sierra Leone .....	19	3	13
Nicaragua .....	0	0	10
Burkina .....	11	14	10
Peru .....	33	18	9
Chad .....	2	8	9
Azerbaijan, Republic .....	15	7	7
Other .....	272	507	79
<b>Total .....</b>	<b>1,080</b>	<b>1,304</b>	<b>853</b>

<sup>1</sup> Flour reported in terms of grain equivalent. <sup>2</sup> Year beginning Jul 1.  
FAS, Grain and Feed Division, (202) 720-6219. Compiled from reports of the U.S. Department of Commerce.

**Table 1-15.—Rye: Area, yield, production, disposition, and value, United States, 1992–2001**

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				
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
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 .....	1,457	345	25.9	8,936	3.70	33,118
1997 .....	1,400	316	25.7	8,132	3.75	30,120
1998 .....	1,566	418	29.1	12,161	2.49	30,404
1999 .....	1,582	383	28.8	11,038	2.27	25,084
2000 .....	1,329	296	28.3	8,386	2.60	21,830
2001 .....	1,328	255	27.3	6,971	2.90	20,243

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

**Table 1-16.—Rye: Supply and disappearance, United States, 1990–2001**

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
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	3,419	3,000	2,000	6,065	14,484	14	14,498	1,555
1993 ..	1,555	10,340	4,607	16,502	3,538	3,000	2,000	6,977	15,515	16	15,531	971
1994 ..	971	11,341	4,386	16,698	3,312	3,000	2,000	6,900	15,212	35	15,247	1,451
1995 ..	1,451	10,064	3,760	15,275	3,318	3,000	2,000	6,018	14,336	41	14,377	898
1996 ..	898	8,936	4,327	14,161	3,459	3,000	2,000	4,916	13,375	32	13,407	754
1997 ..	754	8,132	5,562	14,448	3,298	2,000	3,000	5,306	13,604	80	13,684	764
1998 ..	764	12,161	3,322	16,247	3,639	3,000	3,000	4,392	14,031	33	14,064	2,183
1999 ..	2,449	11,038	3,424	16,911	3,300	3,000	3,000	5,736	15,036	286	15,322	1,589
2000 ..	1,589	8,386	3,230	13,187	3,300	3,000	3,000	2,307	11,607	390	11,997	1,190
2001 <sup>2</sup>	1,190	6,971	4,000	12,161	3,300	3,000	3,000	1,421	10,720	250	10,971	1,190

<sup>1</sup> Residual, approximates total feed use. <sup>2</sup> Preliminary. Totals may not add due to independent rounding.  
ERS, Market and Trade Economics Division, (202) 694-5302.

**Table 1-17.—Rye: Support operations, United States, 1992–2001**

Marketing year beginning June 1	Loan rate per bushel <sup>1</sup>	Put under loan <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC at end of marketing year
		Quantity	Percentage of production		
		Million bushels	Percent		
	Dollars	Million bushels	Percent	Million bushels	Million bushels
1992/93 .....	1.46	0.2	1.7	0.0	0.0
1993/94 .....	1.46	0.1	1.0	0.0	0.0
1994/95 .....	1.61	0.1	0.9	0.0	0.0
1995/96 .....	1.61	0.1	1.0	0.0	0.0
1996/97 .....	( <sup>4</sup> )	.....	.....	.....	.....
1997/98 .....	( <sup>4</sup> )	.....	.....	.....	.....
1998/99 .....	( <sup>4</sup> )	.....	.....	.....	.....
1999/2000 .....	( <sup>4</sup> )	.....	.....	.....	.....
2000/2001 .....	( <sup>4</sup> )	.....	.....	.....	.....
2001/2002 .....	( <sup>4</sup> )	.....	.....	.....	.....

<sup>1</sup> The national average loan rate was also known as the price support rate prior to enactment of the Federal Agriculture Improvement and Reform Act of 1996. <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 provide authority for rye loans after the 1995/96 marketing year.  
FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-8838.

**Table 1-18.—Rye: Area, yield, and production, by States, 1999–2001**

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
	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 <sup>2</sup> .....	28			2			33.0			66		
GA .....	230	230	300	50	45	35	21.0	26.0	25.0	1,050	1,170	875
IL <sup>3</sup> .....	40			7			29.0			203		
IN <sup>2</sup> .....	20			2			35.0			70		
KS <sup>3</sup> .....	90			10			30.0			300		
MD <sup>2</sup> .....	30			5			31.0			155		
MI <sup>3</sup> .....	105			21			36.0			756		
MN <sup>3</sup> .....	30			25			31.0			775		
NE <sup>3</sup> .....	45			15			27.0			405		
NJ <sup>2</sup> .....	20			4			30.0			120		
NY <sup>3</sup> .....	45			15			38.0			570		
NC <sup>3</sup> .....	100			28			23.0			644		
ND .....	40	20	13	37	16	10	41.0	44.0	34.0	1,517	704	340
OH <sup>2</sup> .....	35			4			36.0			144		
OK .....	300	290	250	55	70	50	19.0	21.0	23.0	1,045	1,470	1,150
PA <sup>3</sup> .....	65			15			40.0			600		
SC <sup>3</sup> .....	35			20			25.0			500		
SD .....	24	14	10	23	13	10	44.0	42.0	35.0	1,012	546	350
TX <sup>3</sup> .....	140			25			18.0			450		
VA <sup>2</sup> .....	80			8			34.0			272		
WI <sup>3</sup> .....	80			12			32.0			384		
Oth Sts <sup>4</sup> .....		775	755		152	150		29.6	28.4		4,496	4,256
US .....	1,582	1,329	1,328	383	296	255	28.8	28.3	27.3	11,038	8,386	6,971

<sup>1</sup> Includes area planted preceding fall. <sup>2</sup> Estimates discontinued in 2000. <sup>3</sup> Estimates not published individually beginning in 2000. <sup>4</sup> Other States include IL, KS, MI, MN, NE, NY, NC, PA, SC, TX, and WI.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-19.—Rye: Marketing year average price and value, by States, crop of 1999, 2000, and 2001**

State	Marketing year average price per bushel			Value of production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <sup>1</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
CO <sup>2</sup> .....	1.40			92		
GA .....	5.00	4.90	6.00	5,250	5,733	5,250
IL <sup>3</sup> .....	1.96			398		
IN <sup>2</sup> .....	1.60			112		
KS <sup>3</sup> .....	1.80			540		
MD <sup>2</sup> .....	2.05			318		
MI <sup>3</sup> .....	1.70			1,285		
MN <sup>3</sup> .....	1.31			1,015		
NE <sup>3</sup> .....	1.40			567		
NJ <sup>2</sup> .....	2.90			348		
NY <sup>3</sup> .....	1.50			855		
NC <sup>3</sup> .....	2.19			1,410		
ND .....	1.44	1.31	1.50	2,184	922	510
OH <sup>2</sup> .....	1.96			282		
OK .....	4.00	3.40	3.40	4,180	4,998	3,910
PA <sup>3</sup> .....	2.25			1,350		
SC <sup>3</sup> .....	2.30			1,150		
SD .....	1.40	1.47	2.50	1,417	803	875
TX <sup>3</sup> .....	2.75			1,238		
VA <sup>2</sup> .....	1.90			517		
WI <sup>3</sup> .....	1.50			576		
Oth Sts <sup>4</sup> .....		2.08	2.30		9,374	9,698
US .....	2.27	2.60	2.90	25,084	21,830	20,243

<sup>1</sup> Preliminary. <sup>2</sup> Estimates discontinued in 2000. <sup>3</sup> Estimates not published individually beginning in 2000. <sup>4</sup> Other States include IL, KS, MI, MN, NE, NY, NC, PA, SC, TX, and WI.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-20.—Rye: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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 .....	204	169	115	1.95	2.29	2.26	398	387	260
United States .....	169	155	120	1.83	1.81	1.78	309	280	213
<b>Total .....</b>	<b>373</b>	<b>324</b>	<b>235</b>	<b>1.90</b>	<b>2.06</b>	<b>2.01</b>	<b>707</b>	<b>667</b>	<b>473</b>
<b>South America:</b>									
Argentina .....	61	51	52	1.08	1.25	1.08	66	64	56
Brazil .....	10	10	10	1.20	1.20	1.20	12	12	12
Chile .....	5	5	5	2.00	2.00	2.00	10	10	10
<b>Total .....</b>	<b>76</b>	<b>66</b>	<b>67</b>	<b>1.16</b>	<b>1.30</b>	<b>1.16</b>	<b>88</b>	<b>86</b>	<b>78</b>
<b>Europe:</b>									
Austria .....	59	56	52	4.00	3.89	3.27	236	218	170
Belgium-Luxembourg .....	3	3	3	4.00	4.00	4.00	12	12	12
Denmark .....	105	51	51	5.12	4.86	5.14	538	248	262
Finland .....	36	12	44	1.39	2.00	2.61	50	24	115
France .....	46	41	35	4.70	4.54	4.57	216	186	160
Germany .....	936	748	843	5.10	5.79	4.93	4,775	4,329	4,154
Greece .....	17	17	17	2.35	2.35	2.35	40	40	40
Italy .....	8	7	3	2.50	2.57	2.67	20	18	8
Netherlands .....	6	3	6	5.00	4.67	4.83	30	14	29
Portugal .....	55	55	50	0.64	0.95	1.00	35	52	50
Spain .....	120	123	115	1.73	1.78	2.04	207	219	235
Sweden .....	35	24	24	4.60	5.42	5.42	161	130	130
United Kingdom .....	5	5	5	5.00	5.00	5.00	25	25	25
<b>Total .....</b>	<b>1,431</b>	<b>1,145</b>	<b>1,248</b>	<b>4.43</b>	<b>4.82</b>	<b>4.32</b>	<b>6,345</b>	<b>5,515</b>	<b>5,390</b>
<b>Eastern Europe:</b>									
Albania .....	10	10	10	1.00	1.00	1.00	10	10	10
Bosnia-Herzegovina .....	4	4	5	2.25	2.25	2.40	9	9	12
Bulgaria .....	10	10	10	1.10	1.50	1.50	11	15	15
Croatia .....	2	2	2	3.00	3.00	3.00	6	6	6
Czech Republic .....	72	55	44	3.63	3.64	3.41	261	200	150
Hungary .....	62	40	40	2.08	2.00	2.00	129	80	80
Macedonia (Skopje) .....	7	7	7	2.14	1.57	1.57	15	11	11
Poland .....	2,291	2,243	2,130	2.47	2.31	1.88	5,664	5,181	4,003
Romania .....	22	20	20	2.05	2.50	2.50	45	50	50
Serbia .....	9	6	6	1.89	1.67	1.33	17	10	8
Slovakia .....	34	30	32	2.82	2.33	2.00	96	70	64
Slovenia .....	1	1	1	4.00	3.00	3.00	4	3	3
<b>Total .....</b>	<b>2,524</b>	<b>2,428</b>	<b>2,307</b>	<b>2.48</b>	<b>2.32</b>	<b>1.91</b>	<b>6,267</b>	<b>5,645</b>	<b>4,412</b>
<b>Oth Western Europe:</b>									
Norway .....	4	3	3	4.00	3.67	3.67	16	11	11
Switzerland .....	3	3	3	6.67	6.67	6.67	20	20	20
<b>Total .....</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>5.14</b>	<b>5.17</b>	<b>5.17</b>	<b>36</b>	<b>31</b>	<b>31</b>
<b>Fmr. Soviet Union:</b>									
Byelarus .....	790	641	780	1.75	1.45	1.86	1,384	929	1,450
Estonia .....	39	38	29	1.41	1.03	2.10	55	39	61
Kazakhstan .....	50	20	70	0.40	1.00	0.71	20	20	50
Latvia .....	58	47	55	2.07	1.89	2.02	120	89	111
Lithuania .....	174	135	133	2.01	1.93	2.34	349	261	311
Russian Fed. ....	3,777	3,400	3,500	0.87	1.41	1.56	3,300	4,800	5,450
Ukraine .....	702	623	637	1.62	1.48	1.52	1,140	919	966
Uzbekistan .....	3	0	0	1.67	0.00	0.00	5	0	0
<b>Total .....</b>	<b>5,593</b>	<b>4,904</b>	<b>5,204</b>	<b>1.14</b>	<b>1.44</b>	<b>1.61</b>	<b>6,373</b>	<b>7,057</b>	<b>8,399</b>
<b>Asia:</b>									
Turkey .....	147	180	180	1.61	1.39	1.39	237	250	250
<b>Africa:</b>									
South Africa .....	20	20	20	0.15	0.15	0.15	3	3	3
<b>Oceania:</b>									
Australia .....	35	35	35	0.57	0.57	0.57	20	20	20
<b>World Total .....</b>	<b>10,206</b>	<b>9,108</b>	<b>9,302</b>	<b>1.99</b>	<b>2.14</b>	<b>2.07</b>	<b>20,076</b>	<b>19,274</b>	<b>19,056</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 Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 1-21.—Rice, rough: Area, yield, production, and value, United States, 1992–2001**

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>
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 .....	2,824.0	2,804.0	6,120	171,599	9.96	1,690,270
1997 .....	3,125.0	3,103.0	5,897	182,992	9.70	1,756,136
1998 .....	3,285.0	3,257.0	5,663	184,443	8.89	1,654,157
1999 .....	3,531.0	3,512.0	5,866	206,027	5.93	1,231,207
2000 .....	3,060.0	3,039.0	6,281	190,872	5.61	1,049,961
2001 .....	3,335.0	3,314.0	6,429	213,045	4.25	895,757

NASS, Crops Branch, (202) 720–2127.

**Table 1-22.—Rice, rough: Stocks on and off farms, United States, 1993–2002**

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>
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 .....	32,719	16,003	428	86,350	64,141	21,365
1998-99 .....	33,470	21,205	1,136	90,873	66,846	19,855
1999-2000 .....	35,584	22,290	1,560	85,394	57,960	15,066
2000-2001 .....	50,185	27,212	1,141	89,191	63,025	20,829
2001-2002 .....	38,085	18,715	921	95,842	67,305	21,097
2002-2003 <sup>2</sup> .....	52,680	NA	NA	101,881	NA	NA

<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. NA—not available.

NASS, Crops Branch, (202) 720–2127.

**Table 1-23.—Rice, by length of grain: Area, yield, and production, United States, 1992–2001**

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>
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 .....	1,967.0	822.0	15.0	5,777	6,922	7,127	113,629	56,901	1,069
1997 .....	2,309.0	776.0	18.0	5,391	7,357	7,867	124,485	57,091	1,416
1998 .....	2,568.0	656.0	33.0	5,426	6,616	5,185	139,328	43,404	1,711
1999 .....	2,718.0	742.0	52.0	5,587	6,811	6,969	151,863	50,540	3,624
2000 .....	2,189.0	814.0	36.0	5,882	7,311	7,228	128,756	59,514	2,602
2001 .....	2,697.0	591.0	26.0	6,130	7,801	6,192	165,330	46,105	1,610

NASS, Crops Branch, (202) 720–2127.



**Table 1-24.—Rice, rough, by length of grain: Stocks in all positions, United States, 1993–2002**

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>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
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 ....	68,687	47,871	10,839	( <sup>3</sup> )	49,015	31,665	10,723	4,334	1,367	608	231	( <sup>3</sup> )
1998 ....	78,329	53,329	9,863	( <sup>3</sup> )	44,477	33,596	10,640	4,368	1,537	1,126	488	( <sup>3</sup> )
1999 ....	84,346	57,636	10,947	( <sup>3</sup> )	34,774	21,329	5,037	861	1,858	1,285	642	( <sup>3</sup> )
2000 <sup>2</sup> ..	96,383	62,755	12,511	160	39,601	25,381	8,299	3,287	3,392	2,101	1,160	680
2001 <sup>2</sup> ..	82,718	51,428	8,305	116	48,438	32,504	12,841	5,066	2,771	2,088	872	732
2002 <sup>2</sup> ..	109,953	NA	NA	NA	42,525	NA	NA	NA	2,083	NA	NA	NA

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

**Table 1-25.—Rough and milled rice (rough equivalent): Supply and disappearance, United States, 1992–2001<sup>1</sup>**

Year beginning August	Supply				Disappearance					Ending stocks July 31
	Beginning stocks	Production	Imports	Total	Food, industrial, & residual <sup>2</sup>	Seed	Total	Exports <sup>3</sup>	Total disappearance	
	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.
1992 ...	27.4	179.7	6.2	213.3	91.0	3.6	94.6	79.2	173.8	39.4
1993 ...	39.4	156.1	6.9	202.5	96.2	4.1	100.3	76.4	176.7	25.8
1994 ...	25.8	197.8	8.1	231.6	97.6	3.9	101.5	98.8	200.3	31.3
1995 ...	31.3	173.9	7.7	212.9	101.1	3.5	104.6	83.2	187.8	25.0
1996 ...	25.0	171.6	10.5	207.2	97.7	3.9	101.6	78.3	179.9	27.2
1997 ...	27.2	183.0	9.3	219.5	99.8	4.1	103.9	87.7	191.6	27.9
1998 ...	27.9	184.4	10.6	223.0	109.6	4.4	114.0	86.8	200.9	22.1
1999 ...	22.1	206.0	10.1	238.2	117.8	4.0	121.9	88.9	210.7	27.5
2000 ...	27.5	190.9	10.9	229.2	113.1	4.1	117.2	83.5	200.7	28.5
2001 <sup>4</sup> ..	28.5	213.0	11.0	252.5	118.0	4.1	122.1	88.0	210.1	42.5

All data updated as of January 2002. Totals may not add due to independent rounding. <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> The residual includes unaccounted losses in drying, processing, and handling. <sup>3</sup> Trade data from Bureau of the Census. <sup>4</sup> Preliminary. ERS, Market and Trade Economics Division, (202) 694-5292.

**Table 1-26.—Rice, by length of grain: Area, yield, and production, by States, 1999–2001**

State	Area harvested			Yield per acre			Production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <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 .....	1,374.0	1,130.0	1,472.0	5,780	6,060	6,225	79,417	68,478	91,632
CA .....	5.0	9.0	13.0	6,800	7,100	7,700	340	639	1,001
LA .....	581.0	455.0	538.0	5,000	5,080	5,500	29,050	23,114	29,590
MS .....	323.0	218.0	253.0	5,650	5,900	6,500	18,250	12,862	16,445
MO .....	182.0	168.0	206.0	5,400	5,700	5,950	9,828	9,576	12,257
TX .....	253.0	209.0	215.0	5,920	6,740	6,700	14,978	14,087	14,405
US .....	2,718.0	2,189.0	2,697.0	5,587	5,882	6,130	151,863	128,756	165,330
	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 .....	249.0	278.0	148.0	6,230	6,300	6,500	15,513	17,514	9,620
CA .....	450.0	505.0	433.0	7,300	8,000	8,300	32,850	40,400	35,939
LA .....	35.0	25.0	8.0	5,070	5,150	5,300	1,775	1,288	424
MO .....	2.0	1.0	1.0	5,400	5,700	5,950	108	57	60
TX .....	6.0	5.0	1.0	4,900	5,100	6,200	294	255	62
US .....	742.0	814.0	591.0	6,811	7,311	7,801	50,540	59,514	46,105
	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	1.0	6,200	6,000	6,000	124	120	60
CA .....	50.0	34.0	25.0	7,000	7,300	6,200	3,500	2,482	1,550
US .....	52.0	36.0	26.0	6,969	7,228	6,192	3,624	2,602	1,610

<sup>1</sup> Preliminary.

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

**Table 1-27.—Rice: Area, yield, and production, by States, 1998–2000**

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1998	1999	2000 <sup>1</sup>	1998	1999	2000 <sup>1</sup>	1998	1999	2000 <sup>1</sup>	1998	1999	2000 <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 .....	1,630.0	1,420.0	1,631.0	1,625.0	1,410.0	1,621.0	5,850	6,110	6,250	95,054	86,112	101,312
CA .....	510.0	550.0	473.0	505.0	548.0	471.0	7,270	7,940	8,170	36,690	43,521	38,490
LA .....	620.0	485.0	548.0	616.0	480.0	546.0	5,000	5,080	5,500	30,825	24,402	30,014
MS .....	325.0	220.0	255.0	323.0	218.0	253.0	5,650	5,900	6,500	18,250	12,862	16,445
MO .....	186.0	170.0	211.0	184.0	169.0	207.0	5,400	5,700	5,950	9,936	9,633	12,317
TX .....	260.0	215.0	217.0	259.0	214.0	216.0	5,900	6,700	6,700	15,272	14,342	14,467
US ...	3,531.0	3,060.0	3,335.0	3,512.0	3,039.0	3,314.0	5,866	6,281	6,429	206,027	190,872	213,045

<sup>1</sup> Preliminary.

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

**Table 1-28.—Rice: Marketing year average price and value, by States, crop of 1999–2001**

State	Marketing year average price per cwt.			Value of production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <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 .....	5.71	5.60	4.15	542,758	482,227	420,445
CA .....	6.97	4.99	3.60	255,729	217,170	138,564
LA .....	5.99	5.82	4.70	184,642	142,020	141,066
MS .....	5.49	5.68	4.85	100,193	73,056	79,758
MO .....	5.60	5.40	3.95	55,642	52,018	48,652
TX .....	6.04	5.82	4.65	92,243	83,470	67,272
US .....	5.93	5.61	4.25	1,231,207	1,049,961	895,757

<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, 1993–2002**

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>
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 ....	3,358	2,622	2,312	10	1,448	1,079	788	584	56	85	34	66
1998 ....	3,443	3,871	3,228	37	1,248	1,080	728	313	46	35	100	25
1999 ....	2,980	2,361	2,159	21	1,613	1,114	657	301	30	62	131	49
2000 ....	2,732	2,160	2,506	14	770	758	644	540	63	46	30	66
2001 ....	3,624	2,470	2,287	26	1,348	1,164	1,207	342	67	84	87	57
2002 <sup>2</sup> ..	3,796	NA	NA	NA	986	NA	NA	NA	62	NA	NA	NA

  

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>
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 ....	553	623	467	97	49	20	13	.....	187	182	205	19
1998 ....	642	711	524	273	27	27	33	.....	276	155	182	14
1999 ....	662	612	588	30	29	92	102	.....	102	103	140	12
2000 <sup>2</sup> ..	608	937	652	238	64	85	61	.....	348	238	285	46
2001 <sup>2</sup> ..	1,006	1,035	667	403	66	3	72	.....	251	228	117	31
2002 <sup>2</sup> ..	825	NA	NA	NA	123	NA	NA	.....	115	NA	NA	NA

<sup>1</sup> California only. <sup>2</sup> Preliminary. <sup>3</sup> Screenings included in second heads in California. NA-not available. NASS, Crops Branch, (202) 720-2127.

**Table 1-30.—Rice, rough: Support operations, United States, 1992–2001**

Marketing year beginning August 1	Income support payment rates per cwt <sup>1</sup>	Program price levels per cwt		Put under loan <sup>4</sup>		Acquired by CCC under loan program <sup>5</sup>	Owned by CCC at end of marketing year
		Loan <sup>2</sup>	Target <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Dollars	Dollars	Million cwt	Percent	Million cwt	Million cwt
1992/93 .....	4.21	6.50	10.71	126.1	70.2	0.8	0.2
1993/94 .....	3.98	6.50	10.71	30.9	19.8	0.0	0.0
1994/95 .....	3.79	6.50	10.71	131.2	66.3	0.0	0.0
1995/96 .....	3.22	6.50	10.71	100.9	58.0	0.0	0.0
1996/97 .....	2.766	6.50	NA	68.9	40.2	0.0	0.0
1997/98 .....	2.710	6.50	NA	67.6	36.9	0.0	0.0
1998/99 .....	4.374	6.50	NA	80.3	43.5	0.0	0.0
1999/2000 .....	5.640	6.50	NA	110.8	53.8	0.2	0.0
2000/2001 .....	5.420	6.50	NA	97.4	51.0	0.1	0.0
2001/2002 .....	4.490	6.50	NA				

<sup>1</sup> Payment rates for the 1995/96 and prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and includes supplemental PFC payment rates. Payment rates are rounded to the nearest tenth of a cent. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>4</sup> Includes loans made and purchase agreements entered. Excludes quantities on which loan deficiency payments were made. <sup>5</sup> Acquisition through loan forfeitures, crop-year basis. NA-not applicable.

FSA, Food Grains Analysis Group, (202) 720-2891.

**Table 1-31.—Rice: United States exports (milled basis), by country of destination, 1998–2000<sup>1</sup>**

Country of destination	Year		
	1998	1999	2000
	1,000 metric tons	1,000 metric tons	1,000 metric tons
Canada .....	170	180	178
Mexico .....	293	304	414
Bahamas .....	7	9	9
Dominican Republic .....	66	73	55
Haiti .....	181	213	219
Jamaica .....	14	26	24
Netherlands Antilles .....	11	5	8
Brazil .....	417	0	2
Total Western Hemisphere <sup>2</sup> .....	1,922	1,110	1,210
European Union:			
Belgium-Luxembourg .....	74	33	21
France .....	24	23	25
Germany, Fed. Rep. of .....	72	69	54
Netherlands .....	42	47	56
Portugal .....	2	0	0
Sweden .....	6	5	2
United Kingdom .....	96	113	128
Switzerland .....	23	25	28
Total Europe <sup>2</sup> .....	381	500	383
Indonesia .....	66	169	79
Iran .....	0	0	0
Japan .....	231	311	292
Saudi Arabia .....	144	119	164
Total Asia, Middle East, and Oceania <sup>2</sup> .....	671	829	1,050
Guinea .....	5	5	4
Ivory Coast .....	1	25	17
Liberia .....	8	10	14
Nigeria .....	1	0	0
Ghana .....	61	77	65
South Africa .....	72	84	55
Total Africa <sup>2</sup> .....	183	225	204
World total <sup>2</sup> .....	3,165	2,664	2,847

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

**Table 1-32.—Rice, milled: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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>									
Mexico .....	100	84	79	3.13	3.20	2.72	313	269	215
United States .....	1,318	1,421	1,230	4.40	4.58	4.83	5,798	6,502	5,941
<b>Total .....</b>	<b>1,418</b>	<b>1,505</b>	<b>1,309</b>	<b>4.31</b>	<b>4.50</b>	<b>4.70</b>	<b>6,111</b>	<b>6,771</b>	<b>6,156</b>
<b>South America:</b>									
Argentina .....	289	190	133	3.74	3.09	3.66	1,080	588	487
Bolivia .....	145	145	145	1.38	1.38	1.38	200	200	200
Brazil .....	3,700	3,678	3,250	2.13	2.11	2.17	7,876	7,768	7,062
Chile .....	15	26	29	2.60	2.62	2.62	39	68	76
Colombia .....	320	493	430	2.88	2.83	3.08	922	1,394	1,325
Ecuador .....	260	250	205	1.77	1.76	1.95	460	440	400
Guyana .....	130	147	150	2.65	2.48	2.43	345	365	365
Paraguay .....	90	90	90	1.28	1.28	1.28	115	115	115
Peru .....	317	264	304	3.72	4.73	4.63	1,180	1,250	1,425
Surinam .....	55	55	55	1.82	1.82	1.82	100	100	100
Uruguay .....	205	183	150	4.44	4.62	4.67	910	846	700
Venezuela .....	165	150	155	2.97	3.53	3.29	490	530	510
<b>Total .....</b>	<b>5,691</b>	<b>5,671</b>	<b>5,096</b>	<b>2.41</b>	<b>2.41</b>	<b>2.50</b>	<b>13,717</b>	<b>13,664</b>	<b>12,765</b>
<b>Central America:</b>									
Costa Rica .....	59	68	65	2.98	2.69	2.74	176	183	178
El Salvador .....	13	13	13	2.69	3.08	3.08	35	40	40
Guatemala .....	13	13	13	1.92	1.92	1.77	25	25	23
Honduras .....	5	3	3	2.40	2.33	2.33	12	7	7
Nicaragua .....	84	62	67	2.06	2.19	1.54	173	136	103
Panama .....	94	99	90	1.06	1.54	1.62	100	152	146
<b>Total .....</b>	<b>268</b>	<b>258</b>	<b>251</b>	<b>1.94</b>	<b>2.10</b>	<b>1.98</b>	<b>521</b>	<b>543</b>	<b>497</b>
<b>Caribbean:</b>									
Cuba .....	123	113	90	1.48	2.12	1.83	182	240	165
Dominican Rep. ....	76	76	87	2.96	3.36	3.10	225	255	270
Haiti .....	40	40	40	1.63	1.63	1.63	65	65	65
Trinidad .....	10	10	10	2.00	2.00	2.00	20	20	20
<b>Total .....</b>	<b>249</b>	<b>239</b>	<b>227</b>	<b>1.98</b>	<b>2.43</b>	<b>2.29</b>	<b>492</b>	<b>580</b>	<b>520</b>
<b>European Union:</b>									
France .....	18	17	19	3.72	3.65	3.37	67	62	64
Greece .....	27	20	20	5.26	5.45	5.50	142	109	110
Italy .....	223	221	220	3.87	4.00	3.34	863	884	734
Portugal .....	27	26	24	4.22	4.08	4.17	114	106	100
Spain .....	113	113	115	4.98	5.22	4.86	563	590	559
<b>Total .....</b>	<b>408</b>	<b>397</b>	<b>398</b>	<b>4.29</b>	<b>4.41</b>	<b>3.94</b>	<b>1,749</b>	<b>1,751</b>	<b>1,567</b>
<b>Eastern Europe:</b>									
Bulgaria .....	3	2	2	0.67	1.50	1.50	2	3	3
Hungary .....	5	5	5	2.00	2.00	2.00	10	10	10
Macedonia (Skopje) ..	10	10	10	1.50	1.50	1.50	15	15	15
Romania .....	5	6	6	1.20	1.17	1.17	6	7	7
<b>Total .....</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>1.43</b>	<b>1.52</b>	<b>1.52</b>	<b>33</b>	<b>35</b>	<b>35</b>
<b>Fmr. Soviet Union:</b>									
Kazakhstan .....	75	70	70	2.00	1.86	1.86	150	130	130
Kyrgyzstan .....	5	5	5	1.00	1.00	1.00	5	5	5
Russian Fed. ....	145	165	170	2.00	2.33	2.24	290	385	380
Tajikistan .....	8	10	13	1.63	1.10	1.23	13	11	16
Turkmenistan .....	30	30	20	0.57	0.70	0.90	17	21	18
Ukraine .....	21	20	25	2.00	2.15	2.36	42	43	59
Uzbekistan .....	148	164	45	1.59	1.64	2.22	235	269	100
<b>Total .....</b>	<b>432</b>	<b>464</b>	<b>348</b>	<b>1.74</b>	<b>1.86</b>	<b>2.03</b>	<b>752</b>	<b>864</b>	<b>708</b>
<b>Middle East:</b>									
Iran .....	600	450	425	3.08	2.66	2.66	1,850	1,199	1,132
Iraq .....	130	120	110	1.54	1.33	1.36	200	160	150
Turkey .....	75	80	80	2.53	2.75	2.88	190	220	230
<b>Total .....</b>	<b>805</b>	<b>650</b>	<b>615</b>	<b>2.78</b>	<b>2.43</b>	<b>2.46</b>	<b>2,240</b>	<b>1,579</b>	<b>1,512</b>
<b>Africa:</b>									
Algeria .....	1	1	1	1.00	1.00	1.00	1	1	1
Angola .....	10	10	10	0.90	0.90	0.90	9	9	9
Benin .....	10	10	10	1.00	1.00	1.00	10	10	10
Burkina .....	50	50	50	1.30	1.50	1.50	65	75	75
Chad .....	40	40	40	1.38	1.63	1.63	55	65	65
Cameroon .....	60	60	60	1.00	1.00	1.00	60	60	60
Cote d'Ivoire .....	600	550	580	0.60	0.99	0.98	358	545	570

See footnotes at end of table.

**Table 1-32.—Rice, milled: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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
Africa—Continued									
Egypt .....	504	654	655	5.25	5.79	6.05	2,645	3,787	3,965
Gambia, The .....	13	15	15	1.00	1.00	1.00	13	15	15
Ghana .....	130	130	130	1.31	0.96	0.96	170	125	125
Guinea .....	475	475	475	0.95	1.05	1.00	450	500	475
Guinea-Bissau .....	65	70	70	0.92	1.14	1.14	60	80	80
Kenya .....	15	15	15	2.00	2.00	2.00	30	30	30
Liberia .....	160	175	175	0.78	0.91	0.91	125	160	160
Madagascar .....	1,200	1,100	1,200	1.29	1.27	1.42	1,550	1,400	1,700
Malawi .....	40	40	40	1.13	1.13	1.13	45	45	45
Mali .....	350	375	375	1.29	1.21	1.31	450	454	492
Mauritania .....	25	25	25	2.80	2.40	2.40	70	60	60
Morocco .....	8	8	8	5.00	5.00	5.00	40	40	40
Mozambique .....	180	150	180	0.69	0.57	0.69	125	85	125
Niger .....	30	30	30	1.33	1.50	1.50	40	45	45
Nigeria .....	1,650	1,660	1,650	1.15	1.20	1.21	1,900	2,000	2,000
Senegal .....	45	96	85	1.80	1.63	1.66	81	156	141
Sierra Leone .....	275	275	275	0.76	0.84	0.84	210	230	230
Somalia .....	2	3	3	2.00	1.33	1.33	4	4	4
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 ..	490	450	450	1.08	1.00	1.00	530	450	450
Togo .....	45	50	50	0.78	0.80	0.80	35	40	40
Zaire .....	550	530	540	0.53	0.47	0.51	290	250	275
Zambia .....	9	15	15	0.56	0.47	0.47	5	7	7
Total .....	7,041	7,071	7,221	1.34	1.52	1.57	9,436	10,738	11,304
Asia:									
Afghanistan .....	180	140	130	1.63	1.30	0.78	293	182	101
Bangladesh .....	9,689	10,708	10,887	2.05	2.15	2.30	19,854	23,066	25,086
Brunei .....	3	3	3	1.33	1.33	1.33	4	4	4
Burma .....	5,600	6,000	6,000	1.66	1.64	1.80	9,280	9,860	10,771
Cambodia .....	1,960	2,070	1,872	1.12	1.23	1.27	2,200	2,545	2,370
China Peoples Republic .....	31,214	31,284	29,962	4.46	4.44	4.39	139,100	138,936	131,536
India .....	44,600	45,160	44,361	1.93	1.99	1.91	86,000	89,700	84,871
Indonesia .....	11,850	11,650	11,790	2.69	2.87	2.78	31,853	33,445	32,800
Japan .....	1,801	1,788	1,770	4.53	4.67	4.88	8,154	8,350	8,636
Korea, Democratic Pe .....	600	600	550	2.33	2.67	2.36	1,400	1,600	1,300
Korea, Republic of .....	1,059	1,066	1,072	4.82	4.94	4.94	5,100	5,263	5,291
Laos .....	615	615	575	1.63	1.63	1.62	1,000	1,000	930
Malaysia .....	640	660	665	1.96	1.95	2.12	1,255	1,290	1,410
Nepal .....	1,500	1,500	1,500	1.62	1.65	1.65	2,425	2,470	2,470
Pakistan .....	2,424	2,515	2,350	1.93	2.05	2.00	4,674	5,156	4,700
Philippin .....	3,630	3,995	4,030	1.84	1.95	2.02	6,674	7,772	8,135
Sri Lanka .....	703	720	770	2.60	2.70	2.52	1,830	1,947	1,940
Taiwan .....	358	353	340	3.66	3.82	3.95	1,311	1,349	1,342
Thailand .....	9,900	9,970	9,900	1.57	1.65	1.71	15,589	16,500	16,900
Vietnam .....	7,575	7,660	7,493	2.65	2.73	2.73	20,108	20,926	20,473
Total .....	135,901	138,457	136,020	2.64	2.68	2.65	358,104	371,361	361,066
Oceania:									
Australia .....	148	133	186	6.58	5.92	6.77	974	787	1,259
World total .....	152,384	154,868	151,694	2.59	2.64	2.62	394,129	408,673	397,389

<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 1-33.—Rice, milled equivalent: <sup>1</sup> International trade, 1999–2001 <sup>2</sup>**

Country	1999	2000	2001 <sup>3</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>Exports:</b>			
Argentina .....	654	473	275
Australia .....	667	617	600
Burma .....	57	159	500
China .....	2,708	2,951	1,800
Egypt .....	320	500	550
Guyana .....	252	167	175
India .....	2,752	1,449	1,600
Pakistan .....	1,838	2,026	1,900
Taiwan .....	113	120	90
Thailand .....	6,679	6,549	7,000
Uruguay .....	681	642	700
Vietnam .....	4,555	3,370	3,600
EU .....	348	308	350
Others .....	653	809	1,240
Subtotal .....	22,277	20,140	20,380
United States .....	2,648	2,756	2,650
<b>Total .....</b>	<b>24,925</b>	<b>22,896</b>	<b>23,030</b>
<b>Imports:</b>			
Bangladesh .....	1,220	638	475
Brazil .....	781	700	500
Canada .....	248	250	260
China .....	178	278	300
Colombia .....	38	57	100
Costa Rica .....	56	48	55
Cote d'Ivoire .....	600	450	650
Cuba .....	431	415	450
Ghana .....	125	186	200
Haiti .....	235	245	250
Indonesia .....	3,729	1,500	1,300
Iran .....	1,313	1,100	800
Iraq .....	779	1,274	1,000
Jamaica & Dep .....	71	75	75
Japan .....	633	656	700
Korea, North .....	159	400	550
Korea, South .....	137	151	135
Malaysia .....	617	596	600
Mexico .....	342	415	425
Nigeria .....	950	1,250	1,600
Peru .....	116	86	150
Philippines .....	1,000	900	950
Russia .....	580	400	350
Saudi Arabia .....	750	992	950
Senegal .....	700	502	750
Singapore .....	421	354	335
South Africa .....	514	525	550
Syria .....	200	150	150
Turkey .....	321	350	300
UAE .....	75	75	75
Uzbekistan .....	40	30	142
Yemen .....	217	210	215
EU .....	784	852	800
Other Western Europe .....	50	50	55
Eastern Europe .....	361	343	352
United States .....	357	308	315
Subtotal .....	19,128	16,811	16,864
Other Countries .....	4,159	4,208	4,206
Unaccounted .....	1,638	1,877	1,960
<b>World Total .....</b>	<b>24,925</b>	<b>22,896</b>	<b>23,030</b>

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled equivalent. <sup>2</sup> Year beginning Jan 1. <sup>3</sup> Preliminary.

FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics from 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 1-34.—Food grains: Average price, selected markets and grades, 1994–2000<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. 2 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>
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
1997 .....	4.88	4.92	4.61	5.59	4.97	2.94	4.54	4.10
1998 .....	3.70	3.96	3.38	5.97	4.31	.....	3.81	3.43
1999 .....	3.08	3.47	2.88	4.05	3.83	.....	2.98	2.41
2000 .....	2.87	3.41	2.53	4.23	3.61	.....	3.02	2.39

  

Crop year <sup>2</sup>	Chicago Wheat, No. 2 Soft Red Winter	Denver Wheat, No. 1 Hard Winter	S.W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice
			Medium	Long	Medium	Long	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>
1994 .....	3.22	3.20	20.63	19.77	21.20	19.57	20.32
1995 .....	3.52	3.57	14.07	14.54	13.16	13.25	13.39
1996 .....	4.82	5.03	19.40	19.46	19.22	19.63	19.62
1997 .....	3.92	4.43	19.91	19.98	18.66	20.42	20.87
1998 .....	3.29	3.33	18.70	18.27	18.34	18.46	18.94
1999 .....	2.46	2.79	18.45	15.31	19.96	15.41	17.02
2000 .....	2.19	2.29	13.10	12.22	13.56	12.24	14.82

<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. NA-not available.

AMS, Livestock and Grain Market News branch, (202) 720-6231.

**Table 1-35.—Corn: Area, yield, production, and value, United States, 1992–2001**

Year	Area plant- ed, all pur- poses	Corn for grain				Corn for silage			
		Area har- vested	Yield per har- vested acre	Production	Marketing year av- erage price per bushel	Value of production	Area har- vested	Yield per har- vested acre	Production
	<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>
1992 .....	79,311	72,077	131.5	9,476,698	2.07	19,723,258	6,069	14.4	87,663
1993 .....	73,239	62,933	100.7	6,337,730	2.50	16,035,515	6,823	11.9	81,131
1994 .....	78,921	72,514	138.6	10,050,520	2.26	22,874,154	5,717	15.8	90,170
1995 .....	71,479	65,210	113.5	7,400,051	3.24	24,202,234	5,321	14.7	78,181
1996 .....	79,229	72,644	127.1	9,232,557	2.71	25,149,013	5,607	15.4	86,581
1997 .....	79,537	72,671	126.7	9,206,832	2.43	22,351,507	6,054	16.1	97,192
1998 .....	80,165	72,589	134.4	9,758,685	1.94	18,922,084	5,913	16.1	95,479
1999 .....	77,386	70,487	133.8	9,430,612	1.82	17,103,991	6,037	15.8	95,633
2000 .....	79,551	72,440	136.9	9,915,051	1.85	18,499,002	6,082	16.8	102,156
2001 <sup>1</sup> .....	75,752	68,808	138.2	9,506,840	2.00	19,209,312	6,148	16.6	102,352

<sup>1</sup> Preliminary.

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

**Table 1-36.—Corn: Stocks on and off farms, United States, 1993–2002**

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>
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 .....	4,800,000	2,870,000	1,501,000	475,000	2,102,974	1,624,128	995,550	408,161
1998 .....	4,822,000	2,975,000	1,830,000	640,000	2,424,756	1,964,898	1,209,757	667,803
1999 .....	5,320,000	3,570,000	2,257,000	797,000	2,731,846	2,128,428	1,359,225	989,977
2000 .....	5,195,000	3,300,000	2,029,800	793,000	2,844,443	2,301,895	1,556,138	924,549
2001 .....	5,550,000	3,600,000	2,230,800	753,150	2,979,634	2,442,999	1,693,158	1,145,958
2002 <sup>3</sup> .....	5,275,000	NA	NA	NA	2,989,257	NA	NA	NA

<sup>1</sup> Old crop only. <sup>2</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>3</sup> Preliminary. NA-not available.

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



**Table 1-37.—Corn: Area, yield, and production, by States, 1999–2001**

State	Area planted for all purposes			Corn for grain								
	1999	2000	2001 <sup>1</sup>	Area harvested			Yield per harvested acre			Production		
				1999	2000	2001 <sup>1</sup>	1998	2000	2001 <sup>1</sup>	1999	2000	2001 <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 ...	220	230	180	200	165	150	103.0	65.0	107.0	20,600	10,725	16,050
AZ ...	50	56	55	30	33	28	195.0	196.0	208.0	5,850	6,468	5,824
AR ...	105	180	190	100	175	185	130.0	130.0	145.0	13,000	22,750	26,825
CA ...	525	540	480	185	205	160	170.0	170.0	170.0	31,450	34,850	27,200
CO ...	1,230	1,350	1,220	1,120	1,150	1,070	142.0	126.0	140.0	159,040	144,900	149,800
CT ...	38	36	32	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
DE ...	169	165	170	154	155	162	89.0	162.0	146.0	13,706	25,110	23,652
FL ...	90	85	65	40	25	26	93.0	75.0	87.0	3,720	1,875	2,262
GA ...	350	360	265	300	240	220	103.0	107.0	134.0	30,900	25,680	29,480
ID ...	165	195	175	55	57	45	155.0	160.0	150.0	8,525	9,120	6,750
IL ...	10,800	11,200	11,000	10,650	11,050	10,850	140.0	151.0	152.0	1,491,000	1,668,550	1,649,200
IN ...	5,800	5,700	5,800	5,670	5,550	5,670	132.0	146.0	156.0	748,440	810,300	884,520
IA ...	12,100	12,300	11,700	11,800	12,000	11,400	149.0	144.0	146.0	1,758,200	1,728,000	1,664,400
KS ...	3,150	3,450	3,450	2,980	3,170	3,050	141.0	130.0	127.0	420,180	412,100	387,350
KY ...	1,320	1,330	1,200	1,180	1,230	1,100	105.0	130.0	142.0	123,900	159,900	156,200
LA ...	340	380	315	330	370	307	121.0	116.0	148.0	39,930	42,920	45,436
ME ...	33	29	28	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MD ...	470	480	490	360	405	410	93.0	155.0	136.0	33,480	62,775	55,760
MA ...	26	25	22	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MI ...	2,200	2,200	2,200	1,950	1,950	1,900	130.0	124.0	105.0	253,500	241,800	199,500
MN ...	7,100	7,200	6,800	6,600	6,650	6,200	150.0	145.0	130.0	990,000	964,250	806,000
MS ...	340	390	400	310	365	385	117.0	100.0	130.0	36,270	36,500	50,500
MO ...	2,650	2,850	2,700	2,550	2,770	2,600	97.0	143.0	133.0	247,350	396,110	345,800
MT ...	65	60	65	18	16	13	110.0	140.0	148.0	1,980	2,240	1,924
NE ...	8,600	8,500	8,100	8,300	8,050	7,750	139.0	126.0	147.0	1,153,700	1,014,300	1,139,250
NV <sup>3</sup>	4	3	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
NH ...	15	15	15	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
NJ ...	110	90	80	60	75	66	37.0	134.0	112.0	2,220	10,050	7,392
NM ...	150	150	130	83	66	46	180.0	160.0	180.0	14,940	10,560	8,280
NY ...	1,150	980	1,030	590	450	540	101.0	98.0	105.0	59,590	44,100	56,700
NC ...	750	730	700	640	640	625	80.0	116.0	125.0	51,200	74,240	78,125
ND ...	800	1,080	880	655	930	705	117.0	112.0	115.0	76,635	104,160	81,075
OH ...	3,450	3,550	3,400	3,200	3,300	3,170	126.0	147.0	138.0	403,200	485,100	437,460
OK ...	430	270	250	280	240	210	145.0	140.0	125.0	40,600	33,600	26,250
OR ...	45	55	45	30	27	18	175.0	180.0	140.0	5,250	4,860	2,520
PA ...	1,500	1,550	1,500	880	1,080	990	70.0	127.0	98.0	61,600	137,160	97,020
RI ...	3	2	2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SC ...	300	310	260	275	280	240	70.0	65.0	108.0	19,250	18,200	25,920
SD ...	3,600	4,300	3,800	3,250	3,800	3,400	113.0	112.0	109.0	367,250	425,600	370,600
TN ...	630	650	680	570	580	620	102.0	114.0	132.0	58,140	66,120	81,840
TX ...	1,950	2,100	1,600	1,770	1,900	1,420	129.0	124.0	118.0	228,330	235,600	167,560
UT ...	61	64	60	20	18	15	143.0	144.0	142.0	2,860	2,592	2,130
VT ...	106	90	90	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
VA ...	500	470	470	280	330	330	78.0	146.0	123.0	21,840	48,180	40,590
WA ...	155	155	115	100	100	55	180.0	185.0	190.0	18,000	18,500	10,450
WV ...	60	55	50	20	35	26	65.0	130.0	120.0	1,300	4,550	3,120
WI ...	3,600	3,500	3,400	2,850	2,750	2,600	143.0	132.0	127.0	407,550	363,000	330,200
WY ...	85	90	90	52	58	51	118.0	132.0	125.0	6,136	7,656	6,375
US ...	77,386	79,551	75,752	70,487	72,440	68,808	133.8	136.9	138.2	9,430,612	9,915,051	9,506,840

<sup>1</sup> Preliminary. <sup>2</sup> Not estimated. <sup>3</sup> Estimates began in 2000.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-38.—Corn: Supply and disappearance, United States, 1992–2001**

Year beginning September 1	Supply				Disappearance					Ending stocks Aug. 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
1992 .....	1,100	9,477	7	10,584	5,252	1,556	6,808	1,663	8,471	2,057	56	2,113
1993 .....	2,113	6,338	21	8,472	4,680	1,613	6,293	1,328	7,621	805	45	850
1994 .....	850	10,051	10	10,910	5,460	1,715	7,175	2,177	9,352	1,516	42	1,558
1995 .....	1,558	7,400	16	8,974	4,692	1,628	6,320	2,228	8,548	396	30	426
1996 .....	426	9,233	13	9,672	5,277	1,714	6,991	1,797	8,789	881	2	883
1997 .....	883	9,207	9	10,099	5,482	1,805	7,287	1,504	8,791	1,304	4	1,308
1998 .....	1,308	9,759	19	11,085	5,471	1,846	7,318	1,981	9,298	1,775	12	1,787
1999 .....	1,787	9,431	15	11,232	5,664	1,913	7,578	1,937	9,515	1,704	14	1,718
2000 <sup>2</sup> .....	1,718	9,915	7	11,639	5,836	1,967	7,803	1,937	9,741	1,891	8	1,899
2001 <sup>3</sup> .....	1,899	9,507	10	11,416	5,850	2,045	7,895	1,975	9,870	1,541	5	1,546

<sup>1</sup> Includes quantity under loan and farmer-owned reserve. <sup>2</sup> Preliminary. <sup>3</sup> Projected as of January 11, 2002, World Agricultural Supply and Demand Estimates. Totals may not add due to independent rounding.  
ERS, Market and Trade Economics Division, (202) 694-5296.

Table 1-39.—Corn: Utilization for silage, by States, 1999–2001

State	Silage								
	Area harvested			Yield per acre			Production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <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	15	25	25	11.0	9.0	13.0	165	225	325
AZ	19	22	26	23.0	25.0	27.0	437	550	702
AR	4	4	3	12.0	12.0	12.0	48	48	36
CA	335	330	315	26.0	26.0	26.0	8,710	8,580	8,190
CO	100	110	115	24.0	22.0	23.0	2,400	2,420	2,645
CT	31	33	30	17.5	19.0	19.0	543	627	570
DE	10	9	7	14.0	22.0	18.0	140	198	126
FL	37	48	33	17.0	16.0	18.0	629	768	594
GA	45	45	40	13.0	15.0	18.0	585	675	720
ID	106	135	125	24.5	25.0	25.0	2,597	3,375	3,125
IL	125	115	115	17.0	16.0	16.0	2,125	1,840	1,840
IA	110	130	110	16.0	19.0	19.0	1,760	2,470	2,090
IN	270	250	230	18.0	17.0	18.5	4,860	4,250	4,255
KS	130	180	295	17.0	14.0	14.0	2,210	2,520	4,130
KY	135	95	95	12.5	18.0	19.0	1,688	1,710	1,805
LA	8	7	7	15.0	10.0	14.0	120	70	98
ME	30	26	25	18.0	17.5	19.0	540	455	475
MD	100	70	75	11.0	20.0	15.0	1,100	1,400	1,125
MA	21	20	19	18.5	19.5	21.0	389	390	399
MI	235	230	280	17.5	14.0	13.0	4,113	3,220	3,640
MN	425	475	500	16.0	16.0	14.0	6,800	7,600	7,000
MS	25	20	13	13.0	11.0	11.0	325	220	143
MO	70	60	70	9.5	15.0	16.0	665	900	1,120
MT	45	42	51	20.0	21.0	22.0	900	882	1,122
NE	230	290	275	16.0	14.0	18.0	3,680	4,060	4,950
NV <sup>2</sup>	.....	3	3	.....	25.0	22.0	.....	75	66
NH	15	14	14	19.5	19.5	21.0	293	273	294
NJ	25	14	13	6.0	17.0	16.0	150	238	208
NM	65	82	82	24.0	23.0	23.0	1,560	1,886	1,886
NY	560	530	485	16.0	14.0	16.0	8,960	7,420	7,760
NC	85	85	72	12.0	15.0	19.0	1,020	1,275	1,368
ND	135	140	155	8.8	11.0	11.0	1,188	1,540	1,705
OH	170	180	170	15.0	16.0	17.0	2,550	2,880	2,890
OK	20	25	23	16.0	17.0	18.0	320	425	414
OR	14	27	26	24.0	23.0	21.0	336	621	546
PA	590	460	490	10.5	17.0	16.0	6,195	7,820	7,840
RI	3	2	2	16.5	18.0	20.0	50	36	40
SC	15	15	15	13.0	8.0	20.0	195	120	300
SD	330	450	370	10.0	11.5	10.5	3,300	5,175	3,885
TN	55	65	55	14.0	17.0	19.0	770	1,105	1,045
TX	110	130	130	21.0	20.0	17.0	2,310	2,600	2,210
UT	40	45	44	21.0	21.0	21.0	840	945	924
VT	93	85	85	18.0	16.5	19.0	1,674	1,403	1,615
VA	200	135	135	10.0	19.0	15.5	2,000	2,565	2,093
WA	55	55	60	26.0	26.0	26.0	1,430	1,430	1,560
WV	35	19	23	8.5	19.0	17.0	298	361	391
WI	730	720	780	16.5	16.5	14.5	12,045	11,880	11,310
WY	31	30	37	20.0	21.0	21.0	620	630	777
US	6,037	6,082	6,148	15.8	16.8	16.6	95,633	102,156	102,352

<sup>1</sup>Preliminary. <sup>2</sup>Estimates began in 2000.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-40.—Corn for grain: Marketing year average price and value, by States, crop of 1999, 2000, and 2001**

State	Marketing year average price per bushel			Value of production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <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 .....	2.26	2.16	2.30	46,556	23,166	36,915
AZ .....	2.72	2.78	2.75	15,912	17,981	16,016
AR .....	1.74	1.75	2.00	22,620	39,813	53,650
CA .....	2.50	2.44	2.50	78,625	85,034	68,000
CO .....	1.84	2.08	2.15	292,634	301,392	322,070
DE .....	2.34	2.01	2.05	32,072	50,471	48,487
FL .....	2.32	2.24	2.25	8,630	4,200	5,090
GA .....	2.27	2.06	2.15	70,143	52,901	63,382
ID .....	2.34	2.63	2.55	19,949	23,986	17,213
IL .....	1.91	1.91	2.05	2,847,810	3,186,931	3,380,860
IN .....	1.88	1.90	1.95	1,407,067	1,539,570	1,724,814
IA .....	1.72	1.75	2.10	3,024,104	3,024,000	3,495,240
KS .....	1.81	2.00	2.05	760,526	824,200	794,068
KY .....	2.11	2.07	1.90	261,429	330,993	296,780
LA .....	2.05	1.75	2.20	81,857	75,110	99,959
MD .....	2.36	2.01	2.05	79,013	126,178	114,308
MI .....	1.78	1.90	1.90	451,230	459,420	379,050
MN .....	1.60	1.71	1.85	1,584,000	1,648,868	1,491,100
MS .....	2.00	1.91	2.00	72,540	69,715	100,100
MO .....	1.96	1.78	2.00	484,806	705,076	691,600
MT .....	1.55	1.53	2.00	3,069	3,427	3,848
NE .....	1.75	1.90	2.00	2,018,975	1,927,170	2,278,500
NJ .....	2.20	1.97	2.00	4,884	19,799	14,784
NM .....	2.41	2.52	2.40	36,005	26,611	19,872
NY .....	2.24	2.35	2.30	133,482	103,635	130,410
NC .....	2.27	2.01	2.30	116,224	149,222	179,688
ND .....	1.59	1.65	1.85	121,850	171,864	149,989
OH .....	1.89	1.90	2.00	762,048	921,690	874,920
OK .....	1.95	2.10	2.10	79,170	70,560	55,125
OR .....	2.35	2.41	2.45	12,338	11,713	6,174
PA .....	2.41	2.09	2.30	148,456	286,664	223,146
SC .....	2.29	2.10	2.10	44,083	38,220	54,432
SD .....	1.54	1.61	1.75	565,565	685,216	648,550
TN .....	1.92	1.96	2.05	111,629	129,595	167,772
TX .....	2.07	2.18	2.40	472,643	513,608	402,144
UT .....	2.36	2.61	2.65	6,750	6,765	5,645
VA .....	2.15	2.02	2.10	46,956	97,324	85,239
WA .....	2.33	2.53	2.60	41,940	46,805	27,170
WV .....	2.41	2.08	2.20	3,133	9,464	6,864
WI .....	1.77	1.86	2.00	721,364	675,180	660,400
WY .....	1.94	2.02	2.50	11,904	15,465	15,938
US .....	1.82	1.85	2.00	17,103,991	18,499,002	19,209,312

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

**Table 1-41.—Corn: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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 .....	1,118	1,141	1,030	8.01	8.03	6.63	8,952	9,161	6,827
Mexico .....	7,900	7,255	7,510	2.25	2.65	2.36	17,788	19,240	17,700
United States .....	29,376	28,525	29,316	8.44	8.40	8.59	247,882	239,549	251,854
Total .....	38,394	36,921	37,856	7.15	7.26	7.30	274,622	267,950	276,381
Central America:									
Costa Rica .....	15	5	5	2.00	2.00	2.00	30	10	10
El Salvador .....	280	290	300	2.05	2.17	2.17	575	630	650
Guatemala .....	835	835	835	1.38	1.44	1.44	1,155	1,200	1,200
Honduras .....	390	372	379	1.22	1.43	1.43	477	533	542
Nicaragua .....	253	256	197	1.19	1.14	1.34	300	292	263
Panama .....	62	65	62	1.03	1.37	1.29	64	89	80
Total .....	1,835	1,823	1,778	1.42	1.51	1.54	2,601	2,754	2,745

See footnotes at end of table.

**Table 1-41.—Corn: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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>South America:</b>									
Argentina .....	2,605	3,100	2,745	5.18	5.55	5.65	13,500	17,200	15,500
Bolivia .....	300	300	175	2.08	2.27	1.71	625	680	300
Brazil .....	12,100	12,578	12,972	2.68	2.52	3.20	32,393	31,641	41,536
Chile .....	75	69	82	8.32	9.45	9.49	624	652	778
Colombia .....	550	520	530	1.60	1.87	1.95	880	973	1,036
Ecuador .....	160	300	300	1.69	1.33	1.33	270	400	400
Guyana .....	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay .....	353	332	353	2.31	1.95	2.50	817	647	883
Peru .....	410	420	510	2.27	2.56	2.41	932	1,074	1,230
Uruguay .....	54	30	55	4.50	2.17	3.45	243	65	190
Venezuela .....	360	450	450	2.72	2.89	2.67	980	1,300	1,200
<b>Total .....</b>	<b>16,972</b>	<b>18,104</b>	<b>18,177</b>	<b>3.02</b>	<b>3.02</b>	<b>3.47</b>	<b>51,269</b>	<b>54,637</b>	<b>63,058</b>
<b>Caribbean:</b>									
Cuba .....	75	75	75	0.93	0.93	0.93	70	70	70
Dominican Rep. ....	28	28	28	1.29	1.29	1.29	36	36	36
Haiti .....	350	350	350	0.86	0.86	0.86	300	300	300
Jamaica & Dep. ....	4	4	4	1.25	1.25	1.25	5	5	5
Trinidad .....	3	3	3	1.67	1.67	1.67	5	5	5
<b>Total .....</b>	<b>460</b>	<b>460</b>	<b>460</b>	<b>0.90</b>	<b>0.90</b>	<b>0.90</b>	<b>416</b>	<b>416</b>	<b>416</b>
<b>European Union:</b>									
Austria .....	171	177	160	9.63	9.60	9.38	1,646	1,700	1,500
Belgium-Luxembourg .....	25	25	25	8.80	8.00	8.00	220	200	200
France .....	1,799	1,759	1,834	8.45	8.89	8.98	15,204	15,643	16,470
Germany .....	341	371	361	8.16	8.78	9.21	2,782	3,257	3,324
Greece .....	165	170	170	8.79	8.82	10.00	1,450	1,500	1,700
Italy .....	969	1,028	1,064	8.88	9.74	9.53	8,600	10,017	10,137
Netherlands .....	12	24	27	8.17	5.50	6.04	98	132	163
Portugal .....	192	164	154	5.31	5.70	5.79	1,020	935	891
Spain .....	455	399	425	9.37	9.47	9.17	4,265	3,777	3,897
Sweden .....	3	3	3	3.33	3.33	3.33	10	10	10
<b>Total .....</b>	<b>4,132</b>	<b>4,120</b>	<b>4,223</b>	<b>8.54</b>	<b>9.02</b>	<b>9.07</b>	<b>35,295</b>	<b>37,171</b>	<b>38,292</b>
<b>Eastern Europe:</b>									
Albania .....	60	60	60	3.33	3.33	3.33	200	200	200
Bosnia-Herzegovina .....	219	214	208	3.87	4.60	2.28	847	984	475
Bulgaria .....	380	380	380	3.16	4.21	1.97	1,200	1,600	750
Croatia .....	379	384	200	5.37	5.56	4.00	2,034	2,135	800
Czech Republic .....	33	39	45	6.09	6.67	6.76	201	260	304
Hungary .....	1,100	1,200	1,120	5.45	5.83	4.46	6,000	7,000	5,000
Macedonia (Skopje) .....	40	46	45	3.53	4.35	2.78	141	200	125
Poland .....	85	104	169	5.84	5.76	5.56	496	599	940
Romania .....	3,000	3,000	2,700	2.67	3.50	1.67	8,000	10,500	4,500
Serbia .....	1,351	1,267	1,207	3.83	4.85	2.44	5,174	6,140	2,944
Slovakia .....	116	130	120	5.49	5.99	3.67	637	779	440
Slovenia .....	46	44	44	7.24	7.00	7.00	333	308	308
<b>Total .....</b>	<b>6,809</b>	<b>6,868</b>	<b>6,298</b>	<b>3.71</b>	<b>4.47</b>	<b>2.67</b>	<b>25,263</b>	<b>30,705</b>	<b>16,786</b>
<b>Oth. Western Europe:</b>									
Switzerland .....	22	25	25	8.41	8.80	8.80	185	220	220
<b>Fmr. Soviet Union:</b>									
Azerbaijan .....	10	29	32	3.30	3.45	3.13	33	100	100
Georgia .....	204	220	178	2.06	2.23	1.52	420	491	270
Kazakhstan .....	65	65	75	2.62	3.08	3.33	170	200	250
Kyrgyzstan .....	40	60	60	5.00	5.00	5.67	200	300	340
Moldova .....	340	407	420	3.53	2.21	2.45	1,200	900	1,030
Russian Fed. ....	787	700	800	1.02	1.57	1.94	800	1,100	1,550
Tajikistan .....	11	12	11	3.27	2.92	2.27	36	35	25
Turkmenistan .....	20	20	25	2.50	2.50	2.00	50	50	50
Ukraine .....	910	689	1,279	2.53	2.52	3.01	2,301	1,737	3,848
Uzbekistan .....	55	55	20	2.91	3.00	2.75	160	165	55
<b>Total .....</b>	<b>2,442</b>	<b>2,257</b>	<b>2,900</b>	<b>2.20</b>	<b>2.25</b>	<b>2.59</b>	<b>5,370</b>	<b>5,078</b>	<b>7,518</b>
<b>Africa:</b>									
Algeria .....	1	1	1	2.00	1.00	1.00	2	1	1
Angola .....	680	675	650	0.74	0.63	0.62	500	425	400
Benin .....	600	575	600	1.13	1.22	1.10	680	700	660
Botswana .....	8	20	20	0.13	0.25	0.25	1	5	5
Burkina Faso .....	240	250	250	1.98	2.10	2.00	475	525	500
Burundi .....	115	115	115	1.17	1.22	1.22	135	140	140
Cameroon .....	300	325	325	2.00	2.00	2.00	600	650	650
Cape Verde .....	15	15	15	0.67	0.67	0.67	10	10	10
Central African Republic .....	90	90	90	0.89	1.00	1.00	80	90	90
Chad .....	130	130	130	1.31	1.15	1.15	170	150	150
Congo (Brazzaville) .....	30	30	30	0.73	0.67	0.67	22	20	20
Cote d'Ivoire .....	690	670	690	0.90	0.90	0.91	620	600	625
Egypt .....	737	730	705	7.61	7.78	7.99	5,605	5,678	5,636

See footnotes at end of table.

**Table 1-41.—Corn: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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>									
Ethiopia .....	1,500	1,750	1,750	1.60	1.49	1.49	2,400	2,600	2,600
Gambia, The .....	15	15	15	1.33	2.00	1.67	20	30	25
Ghana .....	700	700	700	1.43	1.39	1.43	1,000	975	1,000
Guinea .....	85	90	90	0.94	1.00	1.00	80	90	90
Guinea-Bissau .....	15	15	15	1.00	1.00	1.00	15	15	15
Kenya .....	1,600	1,600	1,300	1.50	1.41	1.31	2,400	2,250	1,700
Lesotho .....	130	130	110	0.96	0.96	1.00	125	125	110
Madagascar .....	185	200	185	0.81	0.90	0.86	150	180	160
Malawi .....	1,400	1,350	1,300	1.77	1.70	1.65	2,480	2,300	2,150
Mali .....	200	200	200	1.63	1.63	1.63	325	325	325
Mauritania .....	3	3	3	1.00	1.00	1.00	3	3	3
Morocco .....	300	250	300	1.00	0.80	1.00	300	200	300
Mozambique .....	1,150	1,005	1,100	1.09	1.01	1.00	1,250	1,020	1,100
Nigeria .....	3,400	3,450	3,200	1.46	1.48	1.25	4,950	5,100	4,000
Rwanda .....	75	75	75	1.07	0.93	1.07	80	70	80
Senegal .....	55	90	90	0.80	1.11	1.11	44	100	100
Sierra Leone .....	10	10	10	1.00	1.00	1.00	10	10	10
Somalia .....	200	160	180	0.63	0.69	0.83	125	110	150
South Africa, Rep. of .....	3,567	3,814	3,225	2.17	2.77	2.33	7,724	10,563	7,500
Swaziland .....	65	62	62	1.92	1.85	1.85	125	115	115
Tanzania, United Rep. ....	2,000	1,800	1,500	1.35	1.39	1.33	2,700	2,500	2,000
Togo .....	355	380	380	0.99	1.05	1.05	350	400	400
Tunisia .....	1	1	1	1.00	1.00	1.00	1	1	1
Uganda .....	600	600	600	1.25	1.17	1.25	750	700	750
Zaire .....	1,350	1,350	1,350	0.89	0.81	0.81	1,200	1,100	1,100
Zambia .....	600	750	750	1.43	1.68	1.53	855	1,260	1,150
Zimbabwe .....	1,446	1,417	1,223	1.05	1.52	1.17	1,520	2,148	1,427
<b>Total .....</b>	<b>24,643</b>	<b>24,893</b>	<b>23,335</b>	<b>1.62</b>	<b>1.74</b>	<b>1.60</b>	<b>39,882</b>	<b>43,284</b>	<b>37,248</b>
<b>Asia:</b>									
Afghanistan .....	200	200	200	1.20	1.25	1.25	240	250	250
Bhutan .....	50	45	45	1.70	1.56	1.56	85	70	70
Burma .....	160	203	208	1.56	1.69	1.70	250	344	353
Cambodia .....	50	45	50	1.30	1.33	1.30	65	60	65
China, People's Republic of .....	25,239	25,904	23,056	5.27	4.94	4.60	132,954	128,086	106,000
India .....	6,080	6,427	6,557	1.76	1.78	1.84	10,680	11,470	12,068
Indonesia .....	3,200	3,000	3,000	2.03	2.07	1.83	6,500	6,200	5,500
Japan .....	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Democratic People's Rep .....	625	575	525	3.04	2.78	2.57	1,900	1,600	1,350
Korea, Rep. of .....	21	20	16	3.81	3.95	4.00	80	79	64
Malaysia .....	27	27	21	1.85	2.11	3.10	50	57	65
Nepal .....	870	880	880	1.70	1.70	1.70	1,475	1,500	1,500
Pakistan .....	884	870	870	1.47	1.44	1.44	1,302	1,250	1,250
Philippines .....	2,766	2,549	2,484	1.77	1.75	1.81	4,894	4,449	4,508
Taiwan .....	19	5	5	4.74	4.80	4.80	90	24	24
Thailand .....	1,290	1,150	1,210	3.33	3.39	3.88	4,300	3,900	4,700
Vietnam .....	650	690	690	2.48	2.54	2.61	1,612	1,750	1,800
<b>Total .....</b>	<b>42,132</b>	<b>42,591</b>	<b>39,818</b>	<b>3.95</b>	<b>3.78</b>	<b>3.51</b>	<b>166,478</b>	<b>161,090</b>	<b>139,568</b>
<b>Middle East:</b>									
Iran .....	170	150	100	5.00	4.67	4.50	850	700	450
Iraq .....	140	120	120	1.79	1.67	1.67	250	200	200
Jordan .....	1	1	1	1.00	1.00	1.00	1	1	1
Lebanon .....	2	2	2	1.00	1.00	1.00	2	2	2
Saudi Arabia .....	3	3	3	1.33	1.33	1.33	4	4	4
Syria .....	73	51	50	3.90	2.94	3.00	285	150	150
Turkey .....	600	525	550	3.83	3.81	3.82	2,300	2,000	2,100
Yemen .....	30	35	35	1.67	1.43	1.43	50	50	50
<b>Total .....</b>	<b>1,019</b>	<b>887</b>	<b>861</b>	<b>3.67</b>	<b>3.50</b>	<b>3.43</b>	<b>3,742</b>	<b>3,107</b>	<b>2,957</b>
<b>Oceania:</b>									
Australia .....	64	61	75	5.28	5.98	4.73	338	365	355
New Zealand .....	15	15	15	9.67	9.67	9.67	145	145	145
<b>Total .....</b>	<b>79</b>	<b>76</b>	<b>90</b>	<b>6.11</b>	<b>6.71</b>	<b>5.56</b>	<b>483</b>	<b>510</b>	<b>500</b>
<b>World total .....</b>	<b>138,939</b>	<b>139,026</b>	<b>135,821</b>	<b>4.36</b>	<b>4.37</b>	<b>4.31</b>	<b>605,606</b>	<b>606,922</b>	<b>585,689</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 1-42.—Corn: International trade, 1999–2001 <sup>1</sup>**

Country	1998/99	1999/2000	2000/2001 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 Metric tons</i>	<i>1,000 metric tons</i>
<b>Exports:</b>			
Argentina .....	7,848	8,859	12,000
China .....	3,340	9,935	7,275
Hungary .....	1,829	1,786	725
Romania .....	400	400	100
South Africa .....	798	836	1,100
Ukraine .....	365	55	100
EU .....	99	210	200
Others .....	2,032	1,771	5,460
Subtotal .....	16,711	23,852	26,960
United States .....	51,886	49,371	48,500
<b>Total .....</b>	<b>68,597</b>	<b>73,223</b>	<b>75,460</b>
<b>Imports:</b>			
Algeria .....	1,171	1,300	1,500
Brazil .....	945	1,769	650
Canada .....	903	1,084	2,500
Chile .....	1,268	1,260	1,200
China .....	262	71	50
Colombia .....	1,570	2,005	1,800
Costa Rica .....	430	550	500
Dominican Republic .....	814	1,000	1,000
Ecuador .....	285	225	200
Egypt .....	3,687	4,600	5,400
Guatemala .....	385	500	550
Indonesia .....	455	1,229	1,300
Iran .....	1,072	1,100	1,000
Israel .....	579	800	975
Japan .....	16,336	16,117	16,340
Jordan .....	448	450	425
Korea, North .....	200	150	750
Korea, South .....	7,517	8,694	8,743
Malaysia .....	2,384	2,296	2,450
Mexico .....	5,615	4,911	5,600
Morocco .....	729	750	900
Peru .....	1,050	862	900
Philippines .....	129	582	300
Poland .....	224	250	200
Russia .....	524	870	150
Saudi Arabia .....	1,265	1,500	1,500
South Africa .....	307	350	50
Taiwan .....	4,575	5,023	5,000
Thailand .....	150	450	50
Tunisia .....	561	600	800
Turkey .....	887	1,250	700
Venezuela .....	1,463	1,300	1,250
Zimbabwe .....	350	50	100
EU .....	2,716	2,296	2,500
O.W. Europe .....	254	276	310
United States .....	388	229	175
Subtotal .....	61,898	66,769	67,818
Other Countries .....	4,050	5,381	6,366
Unaccounted .....	2,649	1,073	1,276
<b>World Total .....</b>	<b>68,597</b>	<b>73,223</b>	<b>75,460</b>

<sup>1</sup> Year beginning Oct 1. <sup>2</sup> Preliminary.

FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics from 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 1-43.—Corn: Support operations, United States, 1992–2001**

Marketing year beginning September 1	Income support payment rates per bushel <sup>1</sup>	Program price levels per bushel		Put under loan <sup>4</sup>		Acquired by CCC under loan program <sup>5</sup>	Owned by CCC at end of marketing year
		Loan <sup>2</sup>	Target <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Dollars	Dollars	Million bushels	Percent	Million bushels	Million bushels
1992/93 .....	0.73	1.72	2.75	1,646	17.4	0	56
1993/94 .....	0.28	1.72	2.75	618	9.8	0	45
1994/95 .....	0.57	1.89	2.75	2,002	19.9	0	42
1995/96 .....	0.00	1.89	2.75	676	9.1	0	30
1996/97 .....	0.251	1.89	NA	970	10.5	0	2
1997/98 .....	0.486	1.89	NA	1,141	12.4	2	4
1998/99 .....	0.564	1.89	NA	1,775	18.2	24	12
1999/2000 .....	0.726	1.89	NA	1,421	15.1	23	14
2000/2001 .....	0.697	1.89	NA	1,394	14.0	31	8
2001/2002 .....	0.576	1.89	NA	.....	.....	.....	.....

<sup>1</sup> Payment rates for the 1995/96 and prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and includes supplemental PFC payment rates. Payment rates are rounded to the nearest tenth of a cent. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>4</sup> Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. <sup>5</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous year. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-8838.

**Table 1-44.—Corn: United States exports, specified by country of destination, 1998/99–2000/2001<sup>1</sup>**

Country of destination	Year		
	1998/99	1999/2000	2000/2001
	1,000 metric tons	1,000 metric tons	1,000 metric tons
Japan .....	15,375	14,939	14,091
Mexico .....	5,576	4,910	5,976
Taiwan .....	4,538	4,989	4,875
Egypt .....	2,954	3,542	4,116
Korea, Republic of .....	6,659	2,822	3,109
Canada .....	898	1,080	2,794
Colombia .....	1,497	1,768	1,656
Algeria .....	947	1,099	1,180
Venezuela .....	1,329	1,146	1,152
Saudi Arabia .....	1,175	1,197	1,003
Dominican Republic .....	801	998	968
Israel .....	395	748	621
Syria .....	418	583	583
Canadian Trans. ....	1,215	958	545
Turkey .....	689	917	524
Morocco .....	618	621	519
Tunisia .....	473	419	511
Costa Rica .....	369	481	481
Guatemala .....	380	488	478
Indonesia .....	121	346	469
Other .....	5,526	5,319	2,525
Total .....	51,949	49,371	48,180

<sup>1</sup> Year beginning Oct. 1. Compiled from U.S. Census data. FAS, Grain and Feed Division, (202) 720-6219.

**Table 1-45.—Oats: Area, yield, production, and value, United States, 1992–2001**

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
1992 .....	7,943	4,496	65.4	294,229	1.32	399,595
1993 .....	7,937	3,803	54.4	206,731	1.36	290,948
1994 .....	6,637	4,008	57.1	228,844	1.22	299,627
1995 .....	6,225	2,952	54.6	161,094	1.67	278,941
1996 .....	4,668	2,655	57.7	153,245	1.96	313,910
1997 .....	5,068	2,813	59.5	167,246	1.60	273,284
1998 .....	4,892	2,755	60.2	165,981	1.10	199,748
1999 .....	4,673	2,453	59.6	146,193	1.12	175,172
2000 .....	4,477	2,329	64.2	149,545	1.10	175,797
2001 <sup>2</sup> .....	4,403	1,905	61.3	116,856	1.50	175,923

<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 1-46.—Oats: Stocks on and off farms, United States, 1992–2001**

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
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 .....	93,400	80,650	56,200	33,100	38,459	45,218	39,330	33,576
1997 .....	105,950	83,200	58,800	34,500	48,972	61,051	52,418	39,498
1998 .....	110,300	81,500	61,700	40,700	51,502	61,835	50,850	40,678
1999 .....	97,300	79,800	53,300	36,000	51,151	53,872	48,500	40,031
2000 .....	101,200	86,900	55,800	32,050	49,177	57,237	54,128	40,677
2001 <sup>2</sup> .....	74,800	58,100	NA	NA	41,592	56,120	NA	NA

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>2</sup> Preliminary. NA-not available.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-47.—Oats: Supply and disappearance, United States, 1992–2001**

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
1992 ..	128	294	55	477	263	95	358	6	364	113	( <sup>2</sup> )	113
1993 ..	113	207	107	427	230	88	318	3	321	106	0	106
1994 ..	106	229	93	428	243	83	326	1	327	101	0	101
1995 ..	101	161	81	342	195	79	274	2	276	66	0	66
1996 ..	66	153	97	317	172	76	248	3	250	67	0	67
1997 ..	67	167	98	332	185	72	256	2	258	74	0	74
1998 ..	74	166	108	348	196	69	265	2	266	81	0	81
1999 ..	81	146	99	326	180	68	249	2	250	76	0	76
2000 <sup>3</sup>	76	150	106	332	189	68	257	2	259	73	0	73
2001 <sup>4</sup>	73	117	100	290	155	70	225	2	227	62	0	62

<sup>1</sup> Includes quantity under loan and farmer-owned reserve. <sup>2</sup> Less than 500,000 bushels. <sup>3</sup> Preliminary. <sup>4</sup> Projected as of January 11, 2002, World Agricultural Supply and Demand Estimates. Totals may not add due to independent rounding.  
ERS, Market and Trade Economics Division, (202) 694-5296.



**Table 1-48.—Oats: Support operations, United States, 1992–2001**

Marketing Year beginning June 1	Income support payment rates per bushel <sup>1</sup>	Program price levels per bushel		Put under loan <sup>4</sup>		Acquired by CCC under loan program <sup>5</sup>	Owned by CCC at end of marketing year
		Loan <sup>2</sup>	Target <sup>3</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>				
1992/93 .....	0.17	0.88	1.45	2.8	1.0	0.0	0.1
1993/94 .....	0.11	0.88	1.45	1.8	0.9	0.0	0.0
1994/95 .....	0.19	0.97	1.45	1.9	0.8	0.0	0.0
1995/96 .....	0.00	0.97	1.45	0.7	0.4	0.0	0.0
1996/97 .....	0.033	1.03	NA	1.5	1.0	0.0	0.0
1997/98 .....	0.031	1.11	NA	2.4	1.4	0.0	0.0
1998/99 .....	0.047	1.11	NA	4.6	2.8	0.1	0.0
1999/2000 .....	0.060	1.13	NA	1.7	1.2	0.7	0.0
2000/2001 .....	0.058	1.16	NA	1.7	1.1	0.1	0.0
2001/2002 .....	0.047	1.21	NA				

<sup>1</sup> Payment rates for the 1995/96 and prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement Act of 1996 (1996 Act) and includes supplemental PFC payment rates. Payment rates are rounded to the nearest tenth of a cent. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>4</sup> Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. <sup>5</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous year. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-8838.

**Table 1-49.—Oats: Area, yield, and production, by States, 1999–2001**

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
	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 <sup>2</sup> .....	40			20			44.0			880		
AR <sup>2</sup> .....	13			11			91.0			1,001		
CA .....	275	220	260	25	25	15	85.0	75.0	60.0	2,125	1,875	900
CO .....	50	80	80	20	35	32	65.0	63.0	60.0	1,300	2,205	1,920
GA .....	60	70	100	25	35	35	55.0	72.0	65.0	1,375	2,520	2,275
ID .....	80	80	130	25	20	20	68.0	70.0	68.0	1,700	1,400	1,360
IL .....	75	75	60	60	55	40	71.0	73.0	80.0	4,260	4,015	3,200
IN .....	40	40	25	25	25	16	65.0	78.0	80.0	1,625	1,950	1,280
IA .....	250	270	240	175	180	130	65.0	67.0	70.0	11,375	12,060	9,100
KS .....	120	110	100	70	50	40	47.0	44.0	53.0	3,290	2,200	2,120
ME .....	30	32	33	27	30	31	80.0	70.0	75.0	2,160	2,100	2,325
MD <sup>2</sup> .....	8			5			51.0			255		
MI .....	100	95	70	75	75	55	65.0	64.0	64.0	4,875	4,800	3,520
MN .....	360	400	300	300	310	210	59.0	72.0	60.0	17,700	22,320	12,600
MO .....	35	50	40	22	30	20	46.0	53.0	50.0	1,012	1,590	1,000
MT .....	170	130	130	70	50	60	46.0	52.0	40.0	3,220	2,600	2,400
NE .....	135	130	155	75	45	60	62.0	42.0	61.0	4,650	1,890	3,660
NY .....	100	80	95	70	60	80	68.0	65.0	69.0	4,760	3,900	5,520
NC .....	60	60	60	30	30	30	68.0	70.0	56.0	2,040	2,100	1,680
ND .....	650	600	575	330	315	240	51.0	63.0	62.0	16,830	19,845	14,880
OH .....	120	110	100	100	90	85	70.0	76.0	73.0	7,000	6,840	6,205
OK .....	75	60	55	30	15	10	43.0	44.0	38.0	1,290	660	380
OR .....	40	50	55	20	25	25	100.0	98.0	77.0	2,000	2,450	1,925
PA .....	170	175	150	145	145	115	55.0	57.0	65.0	7,975	8,265	7,475
SC .....	55	60	50	35	35	25	52.0	60.0	57.0	1,820	2,100	1,425
SD .....	320	350	350	200	220	130	64.0	61.0	60.0	12,800	13,420	7,800
TX .....	670	600	725	110	100	160	44.0	43.0	45.0	4,840	4,300	7,200
UT .....	45	50	60	9	7	6	75.0	70.0	65.0	675	490	390
WA .....	30	35	30	15	15	12	75.0	75.0	55.0	1,125	1,125	660
WV <sup>2</sup> .....	7			2			48.0			96		
WI .....	430	400	300	300	280	195	62.0	68.0	64.0	18,600	19,040	12,480
WY .....	60	65	75	27	27	28	57.0	55.0	42.0	1,539	1,485	1,176
US .....	4,673	4,477	4,403	2,453	2,329	1,905	59.6	64.2	61.3	146,193	149,545	116,856

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall. <sup>2</sup> Estimates discontinued in 2000.

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

**Table 1-50.—Oats: Marketing year average price and value, by States, crop of 1999, 2000, and 2001**

State	Marketing year average price per bushel			Value of production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <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 <sup>2</sup> .....	1.70			1,496		
AR <sup>2</sup> .....	2.00			2,002		
CA .....	1.50	1.55	1.65	3,188	2,906	1,485
CO .....	1.60	1.90	2.10	2,080	4,190	4,032
GA .....	1.70	1.40	1.75	2,338	3,528	3,981
ID .....	1.05	1.25	1.55	1,785	1,750	2,108
IL .....	1.32	1.33	1.60	5,623	5,340	5,120
IN .....	1.50	1.50	1.50	2,438	2,925	1,920
IA .....	1.12	1.19	1.40	12,740	14,351	12,740
KS .....	1.30	1.40	1.60	4,277	3,080	3,392
ME .....	0.90	0.90	0.80	1,944	1,890	1,860
MD <sup>2</sup> .....	1.65			421		
MI .....	1.35	1.30	1.55	6,581	6,240	5,456
MN .....	0.97	0.99	1.40	17,169	22,097	17,640
MO .....	1.50	1.50	1.60	1,518	2,385	1,600
MT .....	1.06	1.13	1.70	3,413	2,938	4,080
NE .....	1.08	1.42	1.55	5,022	2,684	5,673
NY .....	1.45	1.40	1.40	6,902	5,460	7,728
NC .....	1.55	1.45	1.50	3,162	3,045	2,520
ND .....	0.90	0.86	1.50	15,147	17,067	22,320
OH .....	1.47	1.40	1.50	10,290	9,576	9,308
OK .....	1.70	1.60	1.75	2,193	1,056	665
OR .....	1.42	1.33	1.75	2,840	3,259	3,369
PA .....	1.64	1.45	1.60	13,079	11,984	11,960
SC .....	1.30	1.50	1.70	2,366	3,150	2,423
SD .....	1.12	1.11	1.50	14,336	14,896	11,700
TX .....	1.54	1.60	1.80	7,454	6,880	12,960
UT .....	1.50	1.65	2.00	1,013	809	780
WA .....	1.20	1.20	1.60	1,350	1,350	1,056
WV <sup>2</sup> .....	1.80			173		
WI .....	1.00	0.98	1.30	18,600	18,659	16,224
WY .....	1.45	1.55	1.55	2,232	2,302	1,823
US .....	1.12	1.10	1.50	175,172	175,797	175,923

<sup>1</sup> Preliminary. <sup>2</sup> Estimates discontinued in 2000.  
NASS, Crops Branch, (202) 720-2127.

**Table 1-51.—Oats: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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 .....	1,592	1,398	1,299	2.49	2.60	2.61	3,958	3,641	3,389
Mexico .....	100	100	100	1.00	1.00	1.00	100	100	100
United States .....	1,115	993	943	2.16	2.14	2.30	2,409	2,122	2,171
Total .....	2,807	2,491	2,342	2.30	2.35	2.42	6,467	5,863	5,660
South America:									
Argentina .....	240	240	233	1.60	1.65	1.61	383	395	375
Brazil .....	210	200	200	1.19	1.25	1.25	250	250	250
Chile .....	79	90	90	2.54	2.44	2.44	201	220	220
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 .....	90	90	90	0.33	0.33	0.33	30	30	30
Total .....	623	624	617	1.39	1.44	1.43	869	900	880
Europe:									
Austria .....	42	35	35	4.05	4.34	3.71	170	152	130
Belgium .....	8	8	8	4.00	3.75	3.75	32	30	30
Denmark .....	31	26	45	5.19	5.00	5.18	161	130	233
Finland .....	387	390	400	2.52	2.54	3.50	975	990	1,400
France .....	139	122	110	4.73	4.52	4.55	658	551	500
Germany .....	303	268	237	4.22	5.00	4.59	1,279	1,339	1,087
Greece .....	45	45	45	1.78	1.78	1.78	80	80	80
Ireland .....	18	18	20	6.11	7.50	6.75	110	135	135
Italy .....	140	132	152	2.00	3.00	3.00	280	396	456
Netherlands .....	2	3	2	5.50	4.67	6.50	11	14	13

See footnotes at end of table.

**Table 1-51.—Oats: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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>Europe, cont.:</b>									
Portugal .....	45	50	50	0.56	1.48	1.80	25	74	90
Spain .....	398	410	425	1.75	1.29	1.88	698	530	800
Sweden .....	311	310	315	3.65	3.87	4.13	1,136	1,200	1,300
United Kingdom .....	96	92	109	5.54	5.87	5.87	532	540	640
Total .....	1,965	1,909	1,953	3.13	3.23	3.53	6,147	6,161	6,894
<b>Eastern Europe:</b>									
Albania .....	20	20	20	0.75	0.75	0.75	15	15	15
Bosnia-Herzegovina .....	28	29	26	2.36	2.14	2.19	66	62	57
Bulgaria .....	31	35	35	1.61	1.43	1.43	50	50	50
Croatia .....	22	24	24	2.55	2.38	2.38	56	57	57
Czech Republic .....	58	55	50	3.10	3.18	2.72	180	175	136
Hungary .....	52	70	60	2.54	2.50	1.67	132	175	100
Macedonia (Skopje) .....	3	3	3	1.33	1.33	1.33	4	4	4
Poland .....	561	572	566	2.60	2.53	1.89	1,460	1,446	1,070
Romania .....	225	250	225	1.56	1.50	1.56	350	375	350
Serbia .....	78	67	63	1.72	1.82	1.52	134	122	96
Slovakia .....	17	23	21	2.65	2.09	1.19	45	48	25
Slovenia .....	2	2	2	2.50	3.00	3.00	5	6	6
Total .....	1,097	1,150	1,095	2.28	2.20	1.80	2,497	2,535	1,966
<b>Oth. Western Europe:</b>									
Norway .....	93	97	97	4.23	4.25	4.25	393	412	412
Switzerland .....	7	7	7	5.43	5.00	5.00	38	35	35
Total .....	100	104	104	4.31	4.30	4.30	431	447	447
<b>Fmr. Soviet Union:</b>									
Belarus .....	293	293	300	1.71	1.26	1.73	501	368	520
Estonia .....	60	60	53	1.65	1.18	2.21	99	71	117
Georgia .....	7	5	5	0.57	0.60	1.00	4	3	5
Kazakhstan .....	150	140	100	0.50	1.43	0.80	75	200	80
Kyrgyzstan .....	3	3	3	2.67	2.00	2.67	8	6	8
Latvia .....	50	47	46	2.40	1.40	1.74	120	66	80
Lithuania .....	50	51	44	1.94	1.31	1.89	97	67	83
Moldova .....	3	3	0	2.33	2.33	0.00	7	7	0
Russian Fed. ....	5,229	5,350	4,500	0.88	0.82	1.33	4,600	4,400	6,000
Ukraine .....	549	530	481	1.42	1.43	1.83	778	760	881
Total .....	6,394	6,482	5,532	0.98	0.92	1.41	6,289	5,948	7,774
Turkey .....	172	145	145	1.80	1.72	1.72	310	250	250
Algeria .....	120	100	40	0.83	0.70	0.50	100	70	20
Morocco .....	40	40	40	0.75	0.75	0.75	30	30	30
South Africa, Rep. of .....	700	700	700	0.06	0.06	0.06	45	45	45
Total .....	860	840	780	0.20	0.17	0.12	175	145	95
<b>Asia:</b>									
China, People's Republic .....	550	500	500	1.18	1.20	1.20	650	600	600
Japan .....	1	1	1	2.00	2.00	2.00	2	2	2
Total .....	551	501	501	1.18	1.20	1.20	652	602	602
<b>Oceania:</b>									
Australia .....	909	584	698	1.98	1.91	1.62	1,798	1,118	1,131
New Zealand .....	20	20	20	3.75	3.75	3.75	75	75	75
Total .....	929	604	718	2.02	1.98	1.68	1,873	1,193	1,206
World total .....	15,498	14,850	13,787	1.66	1.62	1.87	25,710	24,044	25,774

<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 1-52.—Barley: Area, yield, production, and value, United States, 1992–2001**

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
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	57.2	359,376	2.89	1,028,183
1996 .....	7,094	6,707	58.5	392,433	2.74	1,080,940
1997 .....	6,706	6,198	58.1	359,878	2.38	861,620
1998 .....	6,337	5,864	60.0	352,125	1.98	686,517
1999 .....	5,194	4,734	59.2	280,292	2.13	597,038
2000 .....	5,864	5,213	61.1	318,728	2.11	649,130
2001 <sup>2</sup> .....	4,967	4,289	58.2	249,590	2.25	535,472

<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 1-53.—Barley: Stocks on and off farms, United States, 1992–2001**

Year beginning September	On farms				Off farms <sup>1</sup>			
	Sep. 1	Dec. 1	Mar. 1	June 1	Sep. 1	Dec. 1	Mar. 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
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 .....	191,700	135,700	82,060	43,715	122,078	110,522	90,840	65,735
1997 .....	195,500	134,500	81,900	43,700	131,347	109,561	98,299	75,533
1998 .....	193,500	149,000	86,900	52,000	132,674	121,535	113,808	89,653
1999 .....	165,100	108,000	59,300	25,400	130,145	119,996	110,917	85,924
2000 .....	151,700	111,500	58,600	28,850	142,341	117,369	103,544	77,409
2001 <sup>2</sup> .....	134,800	92,400	NA	NA	110,564	102,589	NA	NA

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>2</sup> Preliminary. NA-not available.  
NASS, Crops Branch, (202) 720–2127.

**Table 1-54.—Barley: Supply and disappearance, United States, 1992–2001**

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
1992 .....	129	455	11	595	191	173	364	80	444	146	5	151
1993 .....	151	398	71	621	244	172	416	66	482	134	5	139
1994 .....	139	375	66	580	228	173	401	66	467	108	5	113
1995 .....	113	359	41	513	179	172	351	62	413	95	4	100
1996 .....	100	392	37	529	217	172	389	31	419	109	0	109
1997 .....	109	360	40	510	144	172	316	74	390	119	0	119
1998 .....	119	352	30	501	161	170	331	28	360	142	0	142
1999 .....	142	280	28	450	136	172	308	30	338	111	0	111
2000 <sup>2</sup> .....	111	319	29	459	123	172	295	58	353	106	0	106
2001 <sup>3</sup> .....	106	250	25	381	95	172	267	30	297	84	0	84

<sup>1</sup> Includes quantity under loan and farmer–owned reserve. <sup>2</sup> Preliminary. <sup>3</sup> Projected as of January 11, 2002, World Agricultural Supply and Demand Estimates. Totals may not add due to independent rounding.  
ERS, Market and Trade Economics Division, (202) 694–5296.

**Table 1-55.—Barley: Area, yield, and production, by States, 1999–2001**

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1999	2000	2001 <sup>2</sup>	1999	2000	2001 <sup>2</sup>	1999	2000	2001 <sup>2</sup>	1999	2000	2001 <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 .....	63	40	42	62	36	40	114.0	114.0	110.0	7,068	4,104	4,400
CA .....	140	130	160	100	95	110	64.0	68.0	53.0	6,400	6,460	5,830
CO .....	95	110	90	86	105	80	105.0	15.0	107.0	9,030	12,075	8,560
DE .....	30	30	29	26	28	26	84.0	81.0	77.0	2,184	2,268	2,002
ID .....	710	750	700	690	730	670	78.0	76.0	75.0	53,820	55,480	50,250
KS .....	16	8	9	13	7	8	45.0	35.0	50.0	585	245	400
KY .....	9	9	9	8	8	8	80.0	75.0	85.0	640	600	680
ME <sup>3</sup> .....	.....	25	27	.....	24	26	.....	70.0	70.0	.....	1,680	1,820
MD .....	55	55	55	50	50	51	80.0	82.0	75.0	4,000	4,100	3,825
MI .....	23	20	21	21	19	18	66.0	60.0	56.0	1,386	1,140	1,008
MN .....	200	270	160	180	240	145	47.0	64.0	55.0	8,460	15,360	7,975
MT .....	1,300	1,250	1,100	1,150	950	720	50.0	40.0	41.0	57,500	38,000	29,520
NE .....	5	7	5	3	5	4	48.0	27.0	45.0	144	135	180
NV .....	5	4	4	4	3	1	90.0	85.0	90.0	360	255	90
NJ .....	6	5	5	4	4	4	79.0	78.0	54.0	316	312	216
NY <sup>3</sup> .....	.....	12	15	.....	10	12	.....	58.0	51.0	.....	580	612
NC .....	24	30	28	19	18	18	80.0	80.0	67.0	1,520	1,440	1,206
ND .....	1,350	1,900	1,500	1,240	1,770	1,450	48.0	55.0	55.0	59,520	97,350	79,750
OH <sup>3</sup> .....	.....	14	6	.....	13	5	.....	78.0	76.0	.....	1,014	380
OK <sup>4</sup> .....	5	.....	.....	4	.....	.....	39.0	.....	.....	156	.....	.....
OR .....	145	150	110	135	140	100	51.0	60.0	45.0	6,885	8,400	4,500
PA .....	75	80	70	70	75	60	71.0	71.0	70.0	4,970	5,325	4,200
SC <sup>4</sup> .....	3	.....	.....	2	.....	.....	60.0	.....	.....	120	.....	.....
SD .....	80	115	90	74	105	78	48.0	55.0	52.0	3,552	5,775	4,056
TX <sup>4</sup> .....	15	.....	.....	10	.....	.....	35.0	.....	.....	350	.....	.....
UT .....	90	95	85	83	78	65	82.0	70.0	68.0	6,806	5,460	4,420
VA .....	80	85	70	60	65	50	82.0	89.0	75.0	4,920	5,785	3,750
WA .....	500	500	430	490	490	420	59.0	70.0	50.0	28,910	34,300	21,000
WI .....	80	65	47	65	50	35	52.0	64.0	52.0	3,380	3,200	1,820
WY .....	90	105	100	85	95	85	86.0	83.0	84.0	7,310	7,885	7,140
US .....	5,194	5,864	4,967	4,734	5,213	4,289	59.2	61.1	58.2	280,292	318,728	249,590

<sup>1</sup> Includes area planted in the preceding fall. <sup>2</sup> Preliminary. <sup>3</sup> Estimates began in 2000. <sup>4</sup> Estimates discontinued in 1999.  
 NASS, Crops Branch, (202) 720-2127.

**Table 1-56.—Barley: Marketing year average price and value, by States, crop of 1999, 2000, and 2001**

State	Marketing year average price per bushel			Value of production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <sup>1</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AZ .....	2.40	2.42	2.40	16,963	9,932	10,560
CA .....	2.34	2.37	2.35	14,976	15,310	13,701
CO .....	2.54	3.08	2.80	22,936	37,191	23,968
DE .....	1.35	1.30	1.20	2,948	2,948	2,402
ID .....	2.60	2.59	2.75	139,932	143,693	138,188
KS .....	1.60	1.65	1.70	936	404	680
KY .....	1.32	1.44	1.40	845	864	952
ME <sup>2</sup> .....	.....	1.45	1.40	.....	2,436	2,548
MD .....	1.35	1.40	1.30	5,400	5,740	4,973
MI .....	1.70	1.10	1.50	2,356	1,254	1,512
MN .....	1.54	1.67	1.55	13,028	25,651	12,361
MT .....	2.32	2.38	2.70	133,400	90,440	79,704
NE .....	1.40	1.60	1.65	202	216	297
NV .....	2.40	2.55	2.55	864	650	230
NJ .....	1.25	1.30	1.30	395	406	281
NY <sup>2</sup> .....	.....	1.65	1.60	.....	957	979
NC .....	1.68	1.55	1.55	2,554	2,232	1,869
ND .....	1.91	1.63	1.70	113,683	158,681	135,575
OH <sup>2</sup> .....	.....	1.50	1.75	.....	1,521	665
OK <sup>3</sup> .....	1.80	.....	.....	281	.....	.....
OR .....	1.89	1.96	2.10	13,013	16,464	9,450
PA .....	1.47	1.51	1.30	7,306	8,041	5,460
SC <sup>3</sup> .....	1.80	.....	.....	216	.....	.....
SD .....	2.20	1.94	2.05	7,814	11,204	8,315
TX <sup>3</sup> .....	1.70	.....	.....	595	.....	.....
UT .....	1.89	2.00	2.05	12,863	10,920	9,061
VA .....	1.31	1.35	1.25	6,445	7,810	4,688
WA .....	1.76	1.93	1.95	50,882	66,199	40,950
WI .....	1.20	1.15	1.20	4,056	3,680	2,184
WY .....	3.03	3.08	3.35	22,149	24,286	23,919
US .....	2.13	2.11	2.25	597,038	649,130	535,472

<sup>1</sup> Preliminary. <sup>2</sup> Estimates began in 2000. <sup>3</sup> Estimates discontinued in 2000.  
 NASS, Crops Branch, (202) 720-2127.

**Table 1-57.—Barley: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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 .....	4,269	4,069	4,551	2.98	3.24	2.96	12,709	13,196	13,468
Mexico .....	267	213	250	1.54	2.11	2.00	410	450	500
United States .....	2,373	1,916	2,110	3.23	3.19	3.29	7,667	6,103	6,939
<b>Total .....</b>	<b>6,909</b>	<b>6,198</b>	<b>6,911</b>	<b>3.01</b>	<b>3.19</b>	<b>3.03</b>	<b>20,786</b>	<b>19,749</b>	<b>20,907</b>
<b>South America:</b>									
Argentina .....	209	173	200	2.56	2.30	2.25	535	398	450
Bolivia .....	85	85	85	0.76	0.76	0.76	65	65	65
Brazil .....	145	150	150	2.14	2.00	2.00	310	300	300
Chile .....	27	22	27	3.00	3.41	3.70	81	75	100
Colombia .....	10	10	10	2.00	2.00	2.00	20	20	20
Ecuador .....	35	35	35	1.00	1.00	1.00	35	35	35
Peru .....	130	130	130	1.15	1.08	1.15	150	140	150
Uruguay .....	73	55	100	2.68	2.02	2.25	196	111	225
<b>Total .....</b>	<b>714</b>	<b>660</b>	<b>737</b>	<b>1.95</b>	<b>1.73</b>	<b>1.82</b>	<b>1,392</b>	<b>1,144</b>	<b>1,345</b>
<b>Europe:</b>									
Austria .....	265	245	230	4.57	4.71	3.70	1,212	1,153	850
Belgium-Luxembourg .....	65	65	65	6.15	6.46	6.46	400	420	420
Denmark .....	686	728	741	5.20	5.05	5.37	3,565	3,675	3,980
Finland .....	578	581	560	2.28	2.70	3.39	1,315	1,568	1,900
France .....	1,631	1,534	1,573	6.49	6.22	6.31	10,591	9,539	9,925
Germany .....	2,236	2,210	2,068	5.60	6.02	5.85	12,512	13,301	12,106
Greece .....	190	120	120	2.11	2.08	2.08	400	250	250
Ireland .....	185	180	180	5.81	7.08	6.25	1,075	1,275	1,125
Italy .....	363	353	344	3.80	3.72	3.67	1,379	1,313	1,262
Netherlands .....	39	58	47	5.49	6.29	6.13	214	365	288
Portugal .....	26	24	23	1.00	1.21	1.43	26	29	33
Spain .....	3,526	3,107	3,307	3.09	2.39	3.41	10,902	7,434	11,283
Sweden .....	429	465	450	3.93	4.30	4.44	1,686	2,000	2,000
United Kingdom .....	1,255	1,178	1,128	5.28	5.59	5.75	6,630	6,581	6,490
<b>Total .....</b>	<b>11,474</b>	<b>10,848</b>	<b>10,836</b>	<b>4.52</b>	<b>4.51</b>	<b>4.79</b>	<b>51,907</b>	<b>48,903</b>	<b>51,912</b>
<b>Oth. Western Europe:</b>									
Malta .....	1	1	1	2.00	2.00	2.00	2	2	2
Norway .....	158	175	175	3.92	3.53	3.53	620	617	617
Switzerland .....	47	50	50	6.96	6.50	6.50	327	325	325
<b>Total W. Europe .....</b>	<b>206</b>	<b>226</b>	<b>226</b>	<b>4.61</b>	<b>4.18</b>	<b>4.18</b>	<b>949</b>	<b>944</b>	<b>944</b>
<b>Eastern Europe:</b>									
Albania .....	10	10	10	3.00	3.00	3.00	30	30	30
Bosnia-Herzegovina .....	24	23	23	2.63	2.43	2.30	63	56	53
Bulgaria .....	280	250	240	2.68	2.80	2.29	750	700	550
Croatia .....	43	45	45	3.33	2.78	2.78	143	125	125
Czech Republic .....	580	543	495	3.61	3.94	3.29	2,093	2,137	1,629
Hungary .....	373	333	338	3.58	3.12	2.74	1,336	1,038	927
Macedonia (Skopje) .....	54	51	53	2.63	2.47	2.64	142	126	140
Poland .....	1,138	1,108	1,096	3.17	3.07	2.54	3,612	3,401	2,783
Romania .....	550	550	350	2.25	1.85	2.14	1,240	1,015	750
Serbia .....	135	117	111	2.73	2.56	2.27	369	300	252
Slovakia .....	249	246	199	3.51	2.94	1.99	875	724	397
Slovenia .....	11	11	11	3.91	3.00	3.00	43	33	33
<b>Total E. Europe .....</b>	<b>3,447</b>	<b>3,287</b>	<b>2,971</b>	<b>3.10</b>	<b>2.95</b>	<b>2.58</b>	<b>10,696</b>	<b>9,685</b>	<b>7,669</b>

See footnotes at end of table.

**Table 1-57.—Barley: Area, yield, and production in specified countries, 1998/99–2000/2001<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <sup>3</sup>	1998/99	1999/2000	2000/2001 <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>Fmr. Soviet Union:</b>									
Armenia .....	85	65	65	0.82	1.23	0.92	70	80	60
Azerbaijan .....	60	57	109	2.50	2.63	1.38	150	150	150
Belarus .....	839	811	850	1.93	1.46	2.00	1,623	1,181	1,700
Estonia .....	167	165	165	1.63	1.13	2.11	273	186	348
Georgia .....	26	28	20	0.77	1.82	0.75	20	51	15
Kazakhstan .....	1,800	1,700	1,625	0.61	1.32	1.03	1,100	2,250	1,675
Kyrgyzstan .....	160	100	100	1.88	1.80	1.50	300	180	150
Latvia .....	174	147	135	1.85	1.59	1.93	322	233	261
Lithuania .....	463	421	353	2.38	1.76	2.44	1,104	742	860
Moldova .....	90	109	100	2.89	1.74	1.60	260	190	160
Russian Fed. ....	11,283	9,850	9,200	0.87	1.08	1.53	9,800	10,600	14,100
Tajikistan .....	28	33	30	0.93	0.76	0.70	26	25	21
Turkmenistan .....	20	20	20	1.00	1.00	1.00	20	20	20
Ukraine .....	3,567	3,475	3,690	1.65	1.85	1.86	5,870	6,425	6,872
Uzbekistan .....	97	75	75	1.46	1.60	1.60	142	120	120
<b>Total .....</b>	<b>18,859</b>	<b>17,056</b>	<b>16,537</b>	<b>1.12</b>	<b>1.32</b>	<b>1.60</b>	<b>21,080</b>	<b>22,433</b>	<b>26,512</b>
<b>Middle East:</b>									
Cyprus .....	60	50	50	2.50	2.60	2.60	150	130	130
Iran .....	1,550	1,350	1,300	1.48	1.19	1.08	2,300	1,600	1,400
Iraq .....	1,300	1,100	1,100	0.92	0.55	0.55	1,200	600	600
Israel .....	8	4	8	0.50	0.50	0.50	4	2	4
Jordan .....	85	16	33	0.53	0.81	0.48	45	13	16
Lebanon .....	5	5	5	1.20	1.20	1.20	6	6	6
Saudi Arabia .....	57	57	57	7.02	7.02	7.02	400	400	400
Syria .....	1,543	1,000	250	0.56	0.36	0.52	869	360	130
Turkey .....	3,600	3,550	3,600	2.08	1.86	2.06	7,500	6,600	7,400
Yemen .....	50	50	50	1.20	1.00	1.00	60	50	50
<b>Total .....</b>	<b>8,258</b>	<b>7,182</b>	<b>6,453</b>	<b>1.52</b>	<b>1.36</b>	<b>1.57</b>	<b>12,534</b>	<b>9,761</b>	<b>10,136</b>
<b>Africa:</b>									
Algeria .....	850	469	216	0.85	1.09	1.39	720	510	300
Egypt .....	55	55	55	3.09	3.09	3.09	170	170	170
Ethiopia .....	1,250	1,375	1,375	1.00	1.00	1.00	1,250	1,375	1,375
Kenya .....	85	70	70	1.06	1.07	1.07	90	75	75
Libya .....	280	280	280	0.30	0.30	0.30	85	85	85
Morocco .....	2,426	2,070	2,251	0.81	0.71	0.21	1,970	1,474	467
South Africa, Rep. of .....	112	102	72	1.92	0.89	1.72	215	91	124
Tunisia .....	300	466	260	1.00	0.88	0.77	300	412	200
Zimbabwe .....	10	3	5	5.70	5.67	6.40	57	17	32
<b>Total .....</b>	<b>5,368</b>	<b>4,890</b>	<b>4,584</b>	<b>0.90</b>	<b>0.86</b>	<b>0.62</b>	<b>4,857</b>	<b>4,209</b>	<b>2,828</b>
<b>Asia:</b>									
Afghanistan .....	230	230	190	1.43	1.43	1.05	330	330	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 .....	904	868	791	2.94	3.42	2.91	2,656	2,970	2,646
India .....	757	783	725	2.22	1.88	2.00	1,680	1,470	1,447
Japan .....	55	52	54	2.62	3.94	3.96	144	205	214
Korea, Rep. of .....	100	100	100	4.00	4.00	4.00	400	400	400
Nepal .....	35	38	40	1.00	1.00	1.00	35	38	40
Pakistan .....	163	160	160	1.07	1.00	1.00	174	160	160
<b>Total .....</b>	<b>2,256</b>	<b>2,243</b>	<b>2,072</b>	<b>2.41</b>	<b>2.49</b>	<b>2.47</b>	<b>5,429</b>	<b>5,583</b>	<b>5,117</b>
<b>Oceania:</b>									
Australia .....	3,167	2,596	3,675	1.89	1.94	1.96	5,987	5,032	7,196
New Zealand .....	78	80	80	5.00	5.00	5.00	390	400	400
<b>Total .....</b>	<b>3,245</b>	<b>2,676</b>	<b>3,755</b>	<b>1.97</b>	<b>2.03</b>	<b>2.02</b>	<b>6,377</b>	<b>5,432</b>	<b>7,596</b>
<b>World total .....</b>	<b>60,736</b>	<b>55,267</b>	<b>55,082</b>	<b>2.24</b>	<b>2.31</b>	<b>2.45</b>	<b>136,007</b>	<b>127,843</b>	<b>134,966</b>

<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, Attachés and Foreign Service Officers, results of office research, and related information.

**Table 1-58.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1990–2000**

Calendar year <sup>1</sup>	Wheat			Rye		Rice (milled)	
	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
		Flour <sup>3</sup>	Cereal				
	<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million cwt.</i>	<i>Pounds</i>
1990 .....	773	136	4.3	3.5	0.6	42.2	16.8
1991 .....	791	137	4.5	3.5	0.6	44.4	17.4
1992 .....	817	138	4.7	3.5	0.6	45.1	17.5
1993 .....	853	142	5.0	3.3	0.6	50.1	19.2
1994 .....	871	143	5.2	3.6	0.6	52.8	19.9
1995 .....	858	140	5.4	3.2	0.5	50.6	18.9
1996 .....	896	147	5.4	3.5	0.6	52.5	19.4
1997 .....	902	147	5.4	3.3	0.5	53.7	19.6
1998 .....	911	143	5.4	3.6	0.6	56.3	20.3
1999 .....	920	144	5.3	3.3	0.6	58.7	20.9
2000 <sup>9</sup> .....	951	146	5.1	3.3	0.6	60.5	21.3

  

Calendar year <sup>1</sup>	Corn					Oats		Barley		
	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 and meal	Hominy and grits	Syrup	Dextrose	Starch				
	<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>Pounds</i>	
1990 .....	736	14.4	2.9	68.3	3.8	4.0	75.3	6.5	6.4	0.8
1991 .....	763	14.9	2.8	72.0	3.9	4.0	76.6	6.5	6.0	0.7
1992 .....	791	15.3	2.6	68.3	3.8	4.2	77.4	6.5	6.1	0.7
1993 .....	834	15.6	3.1	71.2	3.8	4.4	73	6.0	6.2	0.7
1994 .....	868	15.9	3.6	73.1	3.8	4.5	70	5.7	6.3	0.7
1995 .....	895	16.2	4.0	73.6	3.9	4.7	67	5.4	6.4	0.7
1996 .....	933	16.5	4.5	74.8	3.9	4.9	63	5.0	6.5	0.7
1997 .....	961	16.8	4.9	79.0	3.7	4.8	59	4.6	6.4	0.7
1998 .....	969	17.0	5.4	80.2	3.6	4.8	57	4.4	6.4	0.7
1999 .....	985	17.3	5.8	81.0	3.5	4.7	56.8	4.4	6.4	0.7
2000 <sup>9</sup> .....	980	17.5	6.2	79.5	3.3	4.7	56.7	4.3	6.4	0.7

<sup>1</sup>Data are in marketing year: for corn, September 1-August 31; for oats and barley, June 1-May 31; and rice, August 1-July 31. Wheat, rye, 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>Does not include shipments to U.S. territories. 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. This series is not adjusted for trade. <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, Market & Trade Economics Division, (202) 694-5290. 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 1-59.—Barley: Support operations, United States, 1992–2001**

Marketing year beginning June 1	Income support payment rates per bushel <sup>1</sup>	Program price levels per bushel		Put under support <sup>4</sup>		Acquired by CCC under loan program <sup>5</sup>	Owned by CCC at end of marketing year
		Loan <sup>2</sup>	Target <sup>3</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1992/93 .....	0.56	1.40	2.36	42.9	9.4	0.0	5.4
1993/94 .....	0.67	1.40	2.36	37.7	9.5	0.0	5.2
1994/95 .....	0.52	1.54	2.36	28.2	7.5	0.0	5.0
1995/96 .....	0.00	1.54	2.36	18.0	5.0	0.0	4.2
1996/97 .....	0.332	1.55	NA	28.7	7.3	0.0	0.0
1997/98 .....	0.277	1.57	NA	33.3	9.3	0.0	0.0
1998/99 .....	0.425	1.56	NA	25.9	7.4	1.5	0.3
1999/2000 .....	0.542	1.59	NA	13.6	4.9	2.1	0.1
2000/2001 .....	0.522	1.62	NA	16.0	5.0	1.3	0.1
2001/2002 .....	0.436	1.65	NA	.....	.....	.....	.....

<sup>1</sup>Payment rates for the 1995/96 and prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and includes supplement PFC payment rates. Payment rates are rounded to the nearest tenth of a cent. <sup>2</sup>The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup>Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>4</sup>Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. <sup>5</sup>Acquisition of all loans forfeited during the marketing year including loans made in previous year. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-8838.



**Table 1-60.—Sorghum: Area, yield, production, and value, United States, 1992–2001**

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
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 .....	9,787	8,882	72.7	645,741	2.13	1,317,149	362	11.9	4,316
1995 .....	9,429	8,253	55.6	458,648	3.19	1,389,772	413	10.3	4,242
1996 .....	13,097	11,811	67.3	795,274	2.34	1,986,316	423	11.8	4,976
1997 .....	10,052	9,158	69.2	633,545	2.21	1,408,909	412	13.1	5,385
1998 .....	9,626	7,723	67.3	519,933	1.66	905,468	308	11.4	3,526
1999 .....	9,288	8,544	69.7	595,166	1.57	937,406	320	11.6	3,716
2000 .....	9,195	7,726	60.9	470,526	1.89	847,075	262	10.6	2,773
2001 <sup>4</sup> .....	10,252	8,584	59.9	514,524	1.95	997,864	336	11.1	3,728

<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 1-61.—Sorghum grain: Stocks on and off farms, United States, 1993–2002**

Year beginning previous Dec.	On farms				Off farms <sup>1</sup>			
	Dec. 1	Mar. 1	Jun. 1	Sep. 1	Dec. 1	Mar. 1	Jun. 1	Sep. 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
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	222,149	129,641	56,433	12,871
1997 .....	144,590	76,980	38,815	15,487	322,818	197,374	80,329	31,974
1998 .....	99,625	56,760	27,200	13,700	274,244	177,916	68,944	35,203
1999 .....	95,900	60,900	27,400	13,800	239,416	161,536	88,680	51,363
2000 .....	90,300	51,700	27,300	12,200	259,136	173,932	99,606	53,175
2001 .....	74,300	40,100	19,000	8,900	187,681	127,027	57,411	32,851
2002 .....	72,400	NA	NA	NA	240,937	NA	NA	NA

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. NA-not available.  
 NASS, Crops Branch, (202) 720-2127.

**Table 1-62.—Sorghum: Supply and disappearance, United States, 1992–2001**

Year beginning September 1	Supply			Disappearance					Ending stocks Aug. 31		
	Beginning stocks	Production	Total <sup>1</sup>	Domestic use			Exports	Total disappearance	Privately owned <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
1992 ....	53	875	928	457	19	476	277	753	171	4	175
1993 ....	175	534	709	440	20	460	202	662	47	1	48
1994 ....	48	646	693	377	22	399	223	622	71	1	72
1995 ....	72	459	530	295	19	314	198	512	18	0	18
1996 ....	18	795	814	516	45	561	205	766	47	0	47
1997 ....	47	634	681	365	55	420	212	632	49	0	49
1998 ....	49	520	569	262	45	307	197	504	65	0	65
1999 ....	65	595	660	284	55	339	256	595	65	0	65
2000 <sup>3</sup> ..	65	471	536	220	35	255	239	494	41	1	42
2001 <sup>4</sup> ..	42	515	556	200	45	245	260	505	50	1	51

<sup>1</sup> Includes imports. <sup>2</sup> Includes quantity under loan and farmer-owned reserve. <sup>3</sup> Preliminary. <sup>4</sup> Projected as of January 11, 2000, World Agricultural and Supply Demand Estimates. Totals may not add due to independent rounding.  
 ERS, Market and Trade Economics Division, (202) 694-5296.

**Table 1-63.—Sorghum: Area, yield, and production, by States, 1999–2001**

State	Area planted for all purposes			Sorghum for grain								
	1999	2000	2001 <sup>1</sup>	Area harvested			Yield per harvested acre			Production		
				1999	2000	2001 <sup>1</sup>	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <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	11	10	12	7	7	7	42.0	40.0	60.0	294	280	420
AZ <sup>2</sup>		16	12		9	6		80.0	80.0		720	480
AR	130	150	175	125	140	170	78.0	71.0	86.0	9,750	9,940	14,620
CA <sup>2</sup>		12	10		8	7		75.0	90.0		600	630
CO	230	280	310	205	210	220	42.0	32.0	43.0	8,610	6,720	9,460
DE <sup>2</sup>		3	2		2	1		83.0	85.0		166	85
GA	50	55	50	30	30	25	45.0	45.0	48.0	1,350	1,350	1,200
IL	100	90	80	97	85	77	95.0	95.0	105.0	9,215	8,075	8,085
KS	3,600	3,500	4,000	3,400	3,200	3,750	76.0	59.0	62.0	258,400	188,800	232,500
KY	10	11	11	8	9	10	80.0	85.0	85.0	640	765	850
LA	240	220	230	235	215	210	82.0	83.0	85.0	19,270	17,845	17,850
MD <sup>2</sup>		10	9		9	8		84.0	83.0		756	664
MS	60	90	90	56	86	87	87.0	78.0	82.0	4,872	6,708	7,134
MO	320	280	230	310	270	220	71.0	92.0	94.0	22,010	24,840	20,680
NE	550	600	550	470	500	425	91.0	70.0	84.0	42,770	35,000	35,700
NM	150	165	170	135	65	140	55.0	25.0	45.0	7,425	1,625	6,300
NC	19	18	15	12	12	11	46.0	50.0	70.0	552	600	770
OK	440	450	500	400	360	420	45.0	38.0	36.0	18,000	13,680	15,120
PA <sup>2</sup>		13	11		4	4		80.0	78.0		320	312
SC	8	9	8	6	7	6	43.0	52.0	65.0	258	364	390
SD	200	180	240	80	120	150	58.0	49.0	59.0	4,640	5,880	8,850
TN	20	25	30	18	22	27	70.0	75.0	80.0	1,260	1,650	2,160
TX	3,150	3,000	3,500	2,950	2,350	2,600	63.0	61.0	50.0	185,850	143,350	130,000
VA <sup>2</sup>		8	7		6	3		82.0	88.0		492	264
US	9,288	9,195	10,252	8,544	7,726	8,584	69.7	60.9	59.9	595,166	470,526	514,524

<sup>1</sup> Preliminary. <sup>2</sup> Estimates began in 2000.

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

**Table 1-64.—Sorghum: Utilization for silage, by States, 1999–2001**

State	Silage								
	Area harvested			Yield per acre			Production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <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	2	2	1	7.0	11.0	9.0	14	22	9
AZ <sup>2</sup>		7	6		15.0	19.0		105	114
AR	4	5	4	9.0	9.0	9.0	36	45	36
CA <sup>2</sup>		4	3		15.0	20.0		60	60
CO	10	12	12	17.0	16.0	20.0	170	192	240
DE <sup>2</sup>		1	1		17.0	18.0		17	18
GA	15	15	20	10.0	9.0	10.0	150	135	200
IL	2	3	1	8.7	15.0	9.1	17	45	9
KS	90	65	100	16.0	10.0	12.0	1,440	650	1,200
KY	1	1		10.0	10.0		10	10	
LA	1	1	1	12.0	11.0	12.0	12	11	12
MD <sup>2</sup>		1	1		15.0	14.0		15	14
MS	3	3	1	9.0	9.0	11.0	27	27	11
MO	4	3	3	8.0	7.0	8.0	32	21	24
NE	20	20	20	12.5	11.0	11.0	250	220	220
NM	10	5	8	16.0	18.0	22.0	160	90	176
NC	4	5	3	9.0	11.0	10.0	36	55	30
OK	16	17	18	5.0	9.0	6.0	80	153	108
PA <sup>2</sup>		7	5		11.0	10.0		77	50
SC	2	2	2	7.0	7.0	9.0	14	14	18
SD	65	20	50	7.5	9.0	9.5	488	180	475
TN	1	2	2	10.0	8.0	15.0	10	16	30
TX	70	60	70	11.0	10.0	9.0	770	600	630
VA <sup>2</sup>		1	4		13.0	11.0		13	44
US	320	262	336	11.6	10.6	11.1	3,716	2,773	3,728

<sup>1</sup> Preliminary. <sup>2</sup> Estimates began in 2000.

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

**Table 1-65.—Sorghum grain: Marketing year average price and value, by States, crop of 1999, 2000, and 2001**

State	Marketing year average price per bushel			Value of production		
	1999	2000	2001	1999	2000	2001
	<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	1.96	1.95	1.95	576	546	819
AZ <sup>1</sup>		2.49	2.25		1,793	1,080
AR	1.69	1.64	2.00	16,478	16,302	29,240
CA <sup>1</sup>		2.30	2.50		1,380	1,575
CO	1.46	1.83	1.80	12,571	12,298	17,028
DE <sup>1</sup>		1.80	1.85		299	157
GA	1.79	1.99	1.90	2,417	2,687	2,280
IL	1.79	1.93	2.00	16,495	15,585	16,170
KS	1.48	1.79	1.85	382,432	337,952	430,125
KY	1.81	1.94	2.00	1,158	1,484	1,700
LA	1.90	1.65	2.10	36,613	29,444	37,485
MD <sup>1</sup>		1.80	1.85		1,361	1,228
MS	1.93	1.72	2.05	9,403	11,538	14,625
MO	1.67	1.76	2.00	36,757	43,718	41,360
NE	1.52	1.84	1.85	65,010	64,400	66,045
NM	1.83	2.20	2.10	13,588	3,575	13,230
NC	1.70	2.00	1.90	938	1,200	1,463
OK	1.61	1.74	1.90	28,980	23,803	28,728
PA <sup>1</sup>		1.79	2.00		573	624
SC	1.79	1.95	1.80	462	710	702
SD	1.41	1.51	1.60	6,542	8,879	14,160
TN	1.74	1.81	2.15	2,192	2,987	4,644
TX	1.64	1.84	2.10	304,794	263,764	273,000
VA <sup>1</sup>		1.62	1.50		797	396
US	1.57	1.89	1.95	937,406	847,075	997,864

<sup>1</sup> Estimates began in 2000.  
 NASS, Crops Branch, (202) 720-2127.

**Table 1-66.—Sorghum grain: Support operations, United States, 1992-2001**

Marketing year beginning September 1	Income support payment rates per cwt <sup>1</sup>	Program price levels per cwt		Put under support <sup>4</sup>		Acquired by CCC under loan program <sup>5</sup>	Owned by CCC at end of marketing year
		Loan <sup>2</sup>	Target <sup>3</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million cwt.</i>	<i>Percent</i>	<i>Millions cwt.</i>	<i>Million cwt.</i>
1992/93	1.29	2.91	4.66	27.2	5.6	0.0	2.2
1993/94	0.45	2.91	4.66	8.2	2.7	0.0	1.4
1994/95	1.05	3.21	4.66	25.2	7.0	0.0	0.4
1995/96	0.00	3.21	4.66	4.0	1.6	0.0	0.0
1996/97	0.577	3.23	NA	11.4	2.6	0.0	0.0
1997/98	0.971	3.14	NA	9.8	2.8	0.1	0.1
1998/99	1.209	3.11	NA	12.0	4.1	0.6	0.2
1999/2000	1.554	3.11	NA	9.6	2.9	0.5	0.0
2000/2001	1.491	3.05	NA	8.6	3.3	0.4	0.0
2001/2002	1.236	3.05	NA				

<sup>1</sup> Payment rates for the 1995/96 and prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and includes supplemental PFC payment rates. Payment rates are rounded to the nearest tenth of a cent. <sup>2</sup> The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. <sup>3</sup> Beginning with the 1996/97 marketing year, target prices are no longer applicable. <sup>4</sup> Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. <sup>5</sup> Acquisition of all loans forfeited during the marketing year including loans made in previous year. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720-8838.

Table 1-67.—Coarse grains: International trade, 1999–2001 <sup>1</sup>

Country	1998/99	1999/2000	2000/2001 <sup>2</sup>
	1,000 metric tons	1,000 Metric tons	1,000 metric tons
<b>Exports:</b>			
Argentina .....	8,499	9,612	12,920
Australia .....	4,859	3,804	4,633
Canada .....	3,297	3,645	3,575
China .....	3,357	9,953	7,295
South Africa .....	798	836	1,100
Russia .....	105	443	950
Turkey .....	801	248	200
EU .....	10,757	13,371	9,000
Others .....	6,271	5,855	8,471
Subtotal .....	38,744	47,767	48,144
United States .....	57,660	56,536	55,581
<b>Total .....</b>	<b>96,404</b>	<b>104,303</b>	<b>103,725</b>
<b>Imports:</b>			
Algeria .....	1,930	1,952	2,002
Brazil .....	1,081	2,178	1,060
Canada .....	948	1,133	2,565
Chile .....	1,343	1,350	1,230
China .....	2,615	2,207	2,400
Colombia .....	1,686	2,112	1,915
Costa Rica .....	430	550	500
Dominican Republic .....	814	1,000	1,000
Ecuador .....	320	270	235
Egypt .....	3,687	4,600	5,450
Iran .....	1,448	2,100	1,750
Israel .....	1,135	1,331	1,375
Japan .....	20,922	20,414	20,243
Jordan .....	902	1,162	1,075
Korea, North .....	200	150	750
Korea, South .....	7,806	9,280	8,904
Libya .....	339	475	450
Malaysia .....	2,384	2,296	2,450
Mexico .....	9,095	9,939	10,755
Morocco .....	1,822	1,497	1,505
Peru .....	1,100	912	975
Poland .....	499	756	857
Romania .....	161	150	525
Russia .....	1,185	2,048	550
Saudi Arabia .....	7,079	7,300	6,000
South Africa .....	391	493	210
Syria .....	1,002	1,325	1,200
Taiwan .....	4,798	5,231	5,250
Thailand .....	151	451	50
Tunisia .....	784	839	1,350
Turkey .....	1,027	1,461	740
Venezuela .....	1,463	1,300	1,250
Zimbabwe .....	350	50	100
EU .....	3,117	2,699	3,010
O.W. Europe .....	666	957	891
United States .....	2,659	2,607	2,700
Subtotal .....	87,339	94,575	93,272
Other Countries .....	4,307	7,186	6,928
Unaccounted .....	3,771	1,684	3,525
<b>World Total .....</b>	<b>96,404</b>	<b>104,303</b>	<b>103,725</b>

<sup>1</sup> Year beginning Oct 1. <sup>2</sup> Preliminary.

FAS, Grain and Feed Division, (202) 720-6219. Prepared or estimated on the basis of official statistics from 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 1-68.—Commercial feeds: Disappearance for feed, United States, 1990–2000**

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
1990 .....	22,866	2,663	120	113	337	26,099	2,527	275	458	3,260
1991 .....	22,994	3,114	123	172	496	26,899	2,541	257	470	3,268
1992 .....	24,229	2,571	102	178	442	27,522	2,372	528	464	3,364
1993 .....	25,273	2,638	109	113	321	28,454	2,446	719	470	3,636
1994 .....	26,545	3,268	101	193	623	30,730	2,551	334	463	3,349
1995 .....	26,610	2,961	129	181	478	30,359	2,536	290	420	3,246
1996 .....	27,320	3,113	149	141	462	31,185	2,783	308	428	3,518
1997 .....	28,895	2,956	185	95	531	32,662	2,501	270	411	3,182
1998 .....	30,657	2,533	169	94	635	34,088	2,621	326	318	3,265
1999 .....	30,345	2,908	185	138	582	34,158	2,333	266	316	2,915
2000 <sup>3</sup> .....	31,687	2,844	193	110	496	35,330	2,387	219	328	2,934

  

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	1,000 tons
1990 .....	6,600	18	612	367	7,597	36,956
1991 .....	6,846	602	584	292	8,324	38,491
1992 .....	6,965	595	604	309	8,473	39,359
1993 .....	7,190	912	648	134	8,883	40,973
1994 .....	7,121	139	658	209	8,128	42,207
1995 .....	7,197	881	602	255	8,935	42,539
1996 .....	7,100	1,833	559	248	9,741	44,444
1997 .....	6,897	1,914	547	276	9,635	45,479
1998 .....	7,038	1,349	594	225	9,206	46,559
1999 .....	7,300	1,199	650	NA	9,149	46,222
2000 <sup>3</sup> .....	7,302	1,423	626	NA	9,351	50,550

<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. <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.

**Table 1-69.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1990–2000**

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
1990 .....	25,153	2,991	28,144	3,529	11	31,684	120.7	524.858	90
1991 .....	25,293	3,615	28,908	3,527	359	32,794	123.5	530.992	95
1992 .....	26,652	3,050	29,702	3,661	354	33,718	126.2	534.474	97
1993 .....	27,800	2,945	30,745	3,991	543	35,279	128.4	549.310	96
1994 .....	29,200	3,875	33,075	3,634	83	36,792	130.7	562.803	81
1995 .....	29,271	3,470	32,741	3,547	524	36,813	132.2	556.957	114
1996 .....	30,052	3,573	33,625	3,869	1,092	38,586	133.1	579.747	136
1997 .....	31,785	3,470	35,254	3,477	1,140	39,871	136.2	585.410	100
1998 .....	33,723	3,154	36,877	3,663	803	41,342	137.0	603.552	70
1999 .....	33,380	3,514	36,893	3,241	714	40,848	137.3	594.823	83
2000 .....	34,856	3,356	38,211	3,251	847	42,309	138.3	611.872	88

<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, Market and Trade Economics Division (202) 694-5290.

**Table 1-70.—Feed concentrates: Fed to livestock and poultry, 1990–2000**

Year beginning October	Feed grains				Wheat <sup>2</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>2</sup> and barley <sup>2</sup>	Total						
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons	
1990 .....	129.0	11.2	9.7	150.0	13.3	0.2	43.8	207.3	80.0	2.59
1991 .....	134.3	10.2	9.6	154.2	6.9	0.2	45.3	206.6	80.7	2.56
1992 .....	147.1	12.8	8.5	168.3	4.3	0.2	46.6	219.5	82.8	2.65
1993 .....	131.0	12.3	10.4	153.7	10.6	0.2	48.0	212.5	84.0	2.53
1994 .....	152.9	10.6	8.7	172.1	8.2	0.2	49.8	230.3	84.4	2.73
1995 .....	131.4	8.3	7.6	147.2	6.8	0.2	49.3	203.4	85.0	2.39
1996 .....	147.8	14.4	6.9	169.1	8.5	0.1	52.0	229.8	85.3	2.69
1997 .....	153.5	10.2	7.2	170.9	9.7	0.1	53.2	233.9	87.9	2.66
1998 .....	153.1	7.3	6.8	167.3	7.1	0.1	54.1	228.6	88.0	2.60
1999 .....	158.6	8.0	6.6	173.2	10.0	0.1	54.1	237.3	88.8	2.67
2000 .....	163.5	6.2	5.9	175.6	6.6	0.1	58.5	240.8	89.3	2.70

<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 by-products, and mineral supplements.

ERS, Market and Trade Economics Division (202) 694-5290.

**Table 1-71.—Feed: Consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1990–2000**

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							
1990 .....	<i>Pounds</i> 12,758	<i>Pounds</i> 86	<i>Pounds</i> 6,503	<i>Pounds</i> 9,442	<i>Pounds</i> 5,302	<i>Pounds</i> 5,941	<i>Pounds</i> 1,316	<i>Pounds</i> 1,272	<i>Pounds</i> 1,636
1991 .....	12,700	82	6,493	9,356	5,299	5,878	1,305	1,271	1,553
1992 .....	12,876	82	6,523	9,613	5,308	5,953	1,330	1,274	1,568
1993 .....	12,668	79	6,488	9,310	5,297	5,896	1,317	1,270	1,530
1994 .....	13,086	80	6,558	9,920	5,319	5,960	1,344	1,278	1,633
1995 .....	12,406	76	6,444	8,926	5,284	5,808	1,291	1,266	1,610
1996 .....	13,027	78	6,548	9,834	5,316	5,991	1,359	1,277	1,631
1997 .....	12,961	76	6,537	9,739	5,313	6,008	1,328	1,276	1,522
1998 .....	12,855	73	6,519	9,583	5,307	5,965	1,295	1,274	1,521
1999 .....	13,017	71	6,547	9,820	5,316	6,057	1,274	1,277	1,548
2000 <sup>4</sup> .....	13,138	73	6,567	9,997	5,322	6,112	1,259	1,279	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		
1990 .....	<i>Pounds</i> 124	<i>Pounds</i> 50	<i>Pounds</i> 29	<i>Pounds</i> 794	<i>Pounds</i> 10.9	<i>Pounds</i> 258	<i>Pounds</i> 92	<i>Pounds</i> 433	<i>Pounds</i> 624	<i>Pounds</i> 3,803
1991 .....	123	49	29	792	10.8	252	91	431	617	3,792
1992 .....	126	50	30	822	11.1	256	94	425	603	3,826
1993 .....	122	49	29	792	10.7	243	91	405	594	3,786
1994 .....	131	52	31	843	11.5	257	97	431	625	3,867
1995 .....	117	45	28	826	10.2	225	87	386	544	3,734
1996 .....	129	51	31	976	11.4	242	96	401	619	3,856
1997 .....	128	51	31	981	11.3	238	95	381	640	3,843
1998 .....	126	50	30	992	11.1	233	94	364	595	3,822
1999 .....	129	51	31	898	11.4	230	96	376	590	3,854
2000 <sup>4</sup> .....	132	52	31	867	11.6	235	98	380	596	3,877

<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, Market and Trade Economics Division, (202) 694–5290.

**Table 1-72.—Feed: Consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1990–2000**

Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	<i>Million tons</i>	<i>Million tons</i>	<i>Million</i>	<i>Million tons</i>
1990 .....	218	78	171	468
1991 .....	218	79	175	472
1992 .....	230	82	174	487
1993 .....	226	77	183	486
1994 .....	243	81	184	509
1995 .....	218	80	186	483
1996 .....	244	81	179	504
1997 .....	249	81	173	503
1998 .....	244	81	173	498
1999 .....	253	84	166	503
2000 <sup>1</sup> .....	260	86	160	506

<sup>1</sup> Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5290.

**Table 1-73.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1990–2000<sup>1</sup>**

Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>
	1,000 units	1,000 units	1,000 units
1990 .....	79,994	73,332	75,477
1991 .....	80,699	74,692	76,560
1992 .....	82,760	75,311	77,719
1993 .....	84,000	76,450	78,876
1994 .....	84,377	78,040	79,994
1995 .....	85,015	78,128	80,277
1996 .....	85,341	76,420	79,363
1997 .....	87,948	74,861	79,414
1998 .....	88,040	74,526	79,228
1999 .....	88,832	73,261	78,759
2000 <sup>5</sup> .....	89,311	72,481	78,436

<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, Market and Trade Economics Division, (202) 694–5290.

**Table 1-74.—Feed grains: Average price, selected markets and grades, 1993–2000<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>
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
1997 .....	2.84	3.09	4.54	2.65	3.18	2.32	2.03
1998 .....	2.49	2.93	4.11	2.39	2.50	1.86	1.70
1999 .....	2.01	2.42	3.29	1.88	2.30	1.86	1.33
2000 .....	1.93	1.94	3.19	1.79	.....	1.22	1.28

  

Crop year <sup>2</sup>	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains: Sorghum, No. 2 Yellow	Memphis		St. Louis: Corn, No. 2 Yellow
	Corn, No. 2 Yellow	Corn, No. 2 Yellow	Sorghum, No. 2 Yellow	Corn, No. 2 Yellow	Barley, No. 2 Western	Corn, 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>
1993 .....	2.10	2.23	4.06	2.27	5.99	2.25
1994 .....	2.58	2.68	4.95	2.68	6.61	2.67
1995 .....	2.31	2.44	4.75	2.51	5.79	2.51
1996 .....	3.87	3.97	7.30	4.02	7.45	4.06
1997 .....	2.70	2.84	5.02	2.88	7.84	2.90
1998 .....	2.36	2.56	4.72	2.59	6.68	2.62
1999 .....	1.88	2.15	3.79	2.13	.....	2.17
2000 .....	1.82	1.97	3.51	2.01	.....	2.00

<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.

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



**Table 1-75.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1993–2000**

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	Gulf 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
1993 .....	179.80	203.00	180.50	169.60	132.50	204.40	335.40	80.60	68.10
1994 .....	152.50	171.70	129.40	120.80	95.00	168.70	365.00	65.50	53.90
1995 .....	225.10	243.10	208.80	19.70	159.00	231.50	478.70	120.30	108.00
1996 .....	260.40	279.70	207.50	91.40	158.70	271.80	502.60	88.30	80.20
1997 .....	175.00	196.10	162.60	144.00	117.50	180.90	545.60	73.30	61.20
1998 .....	132.00	138.50	132.20	109.60	84.50	138.10	387.50	55.90	60.90
1999 .....	131.99	138.55	130.20	109.60	84.50	138.10	387.80	55.88	49.58
2000 .....	160.03	168.10	146.50	130.70	103.10	166.50	326.40	53.37	45.81

  

Year beginning October	Wheat shorts or mid-dlings	Wheat millrun	Gluten feed	Hominy feed	Distillers' dried grains	Brewers' dried grains	Alfalfa meal		Blackstrap molasses
	Kansas City	Portland	21% protein	Illinois Points	Lawrence-burg <sup>1</sup>	Columbus	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
1993 .....	80.60	88.70	89.30	80.50	123.80	.....	124.70	114.2	62.50
1994 .....	66.30	82.00	82.00	83.80	105.40	73.40	118.40	112.7	71.20
1995 .....	120.40	118.70	119.30	132.10	156.10	134.40	130.40	122	77.50
1996 .....	80.30	95.70	90.20	88.90	139.80	134.60	142.70	130.9	60.10
1997 .....	73.30	74.30	67.20	78.90	105.80	107.20	126.80	115	51.50
1998 .....	55.90	54.30	60.40	62.20	85.20	84.20	101.50	92.00	35.50
1999 .....	55.88	54.34	60.41	67.19	85.15	84.19	101.55	91.99	35.48
2000 .....	57.82	60.92	53.64	58.71	79.90	90.94	97.59	86.58	38.72

<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.

**Table 1-76.—Proso millet: Area, yield, production, and value, United States, 1999–2001**

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers	Value of production
	Planted	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>
1999 .....	600	540	33.2	17,910	2.12	38,033
2000 .....	440	370	19.8	7,320	4.79	35,034
2001 <sup>1</sup> .....	650	580	33.2	19,250	2.00	38,807

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720–2127.

**Table 1-77.—Proso millet: Area, yield, and production, by States, 1999–2001**

State	Area planted			Area harvested		
	1999	2000	2001	1999	2000	2001
	<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>
CO .....	250	190	240	240	150	230
NE .....	180	150	190	150	135	175
SD .....	170	100	220	150	85	175
US .....	600	440	650	540	370	580

State	Yield per acre			Production		
	1999	2000	2001	1999	2000	2001
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
CO .....	34.0	19.0	35.0	8,160	2,850	8,050
NE .....	33.0	18.0	31.0	4,950	2,430	5,425
SD .....	32.0	24.0	33.0	4,800	2,040	5,775
US .....	33.2	19.8	33.2	17,910	7,320	19,250

<sup>1</sup> Preliminary.

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**Table 1-78.—Proso millet: Marketing year average price and value, by States, crop of 1999, 2000, and 2001**

State	Marketing year average price per bushel			Value of production		
	1999	2000	2001 <sup>1</sup>	1999	2000	2001 <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>
CO .....	2.00	4.80	2.00	16,320	13,680	16,100
NE .....	2.35	4.80	1.95	11,633	11,664	10,579
SD .....	2.10	4.75	2.10	10,080	9,690	12,128
US .....	2.12	4.79	2.00	38,033	35,034	38,807

<sup>1</sup> Preliminary.

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