

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, 1994–2003¹

Year ²	Supply				Disappearance			Ending stocks
	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Total disappearance	
	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons
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	248.1	88.4	336.5	78.1
1999	78.1	335.1	5.8	419.0	253.0	90.1	343.0	76.0
2000	76.0	342.5	5.7	424.1	257.0	89.3	346.3	77.8
2001	77.8	342.9	6.1	408.8	255.2	85.6	340.8	66.0
2002 ³	68.0	298.6	5.3	371.9	251.7	74.8	326.4	45.4
2003 ⁴	45.5	348.3	5.0	398.8	263.4	92.3	355.7	43.2

¹ Aggregate data on corn, sorghum, barley, oats, wheat, rye, and rice. ² The marketing year for corn and sorghum begins September 1; for oats, barley, wheat, and rye, June 1; and for rice, August 1. ³ Preliminary. ⁴ Projected as of February 10, 2004; 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, 1994–2003

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers ^{2 3}	Value of production ^{2 3}
	Planted ¹	Harvested				
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
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	62,664	53,773	42.7	2,295,560	2.48	5,593,989
2000	62,549	53,063	42.0	2,228,160	2.62	5,782,107
2001	59,432	48,473	40.2	1,947,453	2.78	5,440,217
2002	60,318	45,824	35.0	1,605,878	3.56	5,679,400
2003	61,700	52,839	44.2	2,336,526	3.35	7,954,899

¹ Includes area seeded in preceding fall for winter wheat. ² Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable. ³ Marketing year average price and value of production for 1998–2002 will be updated in a statistical bulletin to be released in October 2004.

NASS, Crops Branch, (202) 720–2127.

Table 1-3.—Wheat, by type: Area, yield, production, and value, United States, 1994–2003

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers ^{2 3}	Value of production ^{2 3}
	Planted ¹	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>
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	43,281	35,436	47.8	1,693,130	2.29	3,870,955
2000	43,313	35,002	44.6	1,561,723	2.51	3,893,961
2001	40,943	31,165	43.4	1,353,119	2.72	3,684,817
2002	41,766	29,742	38.2	1,137,001	3.41	3,835,339
2003	44,945	36,541	46.7	1,707,069	3.25	5,574,444
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>
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	3.08	269,391
2002	2,913	2,709	29.5	79,960	4.05	327,700
2003	2,915	2,869	33.7	96,637	4.00	408,110
Other spring wheat ⁴						
	<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>
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	15,579	14,519	35.2	510,778	2.90	1,486,009
2002	15,639	13,373	29.1	388,917	3.82	1,516,361
2003	13,840	13,429	39.7	532,820	3.60	1,972,345

¹ Seeded in preceding fall for winter wheat. ² Obtained by weighting State prices by quantity sold. ³ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ⁴ 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, 1994–2003

Year beginning September	All wheat							
	On farms				Off farms ¹			
	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
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	338,500	216,830	1,458,964	1,105,565	871,268	560,282
2002	578,200	384,800	236,300	132,110	1,170,787	935,069	670,333	359,306
2003	687,320	491,925	NA	NA	1,351,652	1,029,159	NA	NA

Year beginning September	Durum wheat ²							
	On farms				Off farms ¹			
	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
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	30,200	20,600	33,779	26,997	21,690	12,390
2002	66,000	50,800	31,700	15,100	26,854	25,917	25,149	13,008
2003	58,000	41,400	NA	NA	29,241	25,569	NA	NA

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

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

Table 1-5.—Wheat: Supply and disappearance, by class, United States, 1999–2003¹

Item	Year beginning June				
	1999	2000	2001	2002	2003
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
All wheat:					
Stocks, June 1	946	950	876	777	491
Production	2,299	2,232	1,957	1,619	2,337
Supply ²	3,339	3,272	2,941	2,473	2,903
Exports ³	1,086	1,062	962	854	1,125
Domestic disappearance	1,303	1,334	1,201	1,128	1,219
Stocks, May 31	950	876	777	491	559
Hard red winter:					
Stocks, June 1	435	458	411	363	188
Production	1,051	846	767	612	1,063
Supply ²	1,486	1,304	1,179	975	1,256
Exports ³	476	393	349	307	510
Domestic disappearance	552	500	466	480	520
Stocks, May 31	458	411	363	188	226
Soft red winter:					
Stocks, June 1	136	133	135	78	55
Production	454	471	400	332	379
Supply ²	594	604	538	424	454
Exports ³	174	180	200	105	135
Domestic disappearance	287	289	260	264	251
Stocks, May 31	133	135	78	55	69
Hard red spring:					
Stocks, June 1	233	218	210	230	145
Production	448	502	476	354	500
Supply ²	737	776	746	607	660
Exports ³	224	227	217	258	260
Domestic disappearance	295	339	300	204	247
Stocks, May 31	218	210	230	145	153
Durum:					
Stocks, June 1	55	50	45	33	28
Production	99	110	84	79	97
Supply ²	182	185	163	142	153
Exports ³	51	56	49	37	40
Domestic disappearance	81	85	81	77	85
Stocks, May 31	50	45	33	28	28
White:					
Stocks, June 1	87	91	75	73	75
Production	247	303	232	241	298
Supply ²	340	399	315	325	380
Exports ³	161	206	147	147	180
Domestic disappearance	89	118	95	103	117
Stocks, May 31	91	75	73	75	83

¹ Data except production are approximations. ² Total supply includes imports. ³ 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, 2001–2003

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
AL	170	150	150	70	60	75	48.0	40.0	42.0	3,360	2,400	3,150
AZ	94	99	119	93	99	119	91.6	95.4	100.1	8,517	9,444	11,912
AR	1,100	950	700	970	830	570	52.0	46.0	50.0	50,440	38,180	28,500
CA	615	625	805	461	390	485	76.1	81.5	70.2	35,105	31,800	34,070
CO	2,397	2,375	2,630	2,044	1,670	2,229	33.8	22.8	35.1	69,168	38,100	78,160
DE	60	55	50	57	53	47	61.0	70.0	41.0	3,477	3,710	1,927
FL	15	19	20	9	7	12	41.0	35.0	41.0	369	245	492
GA	300	330	380	200	190	230	53.0	42.0	46.0	10,600	7,980	10,580
ID	1,210	1,150	1,240	1,140	1,090	1,170	70.9	71.9	74.6	80,770	78,410	87,300
IL	750	660	850	720	630	810	61.0	49.0	65.0	43,920	30,870	52,650
IN	400	340	460	380	310	430	66.0	53.0	69.0	25,080	16,430	29,670
IA	25	20	21	18	16	19	54.0	53.0	61.0	972	848	1,159
KS	9,800	9,700	10,400	8,200	8,200	10,000	40.0	33.0	48.0	328,000	270,600	480,000
KY	550	530	480	360	330	330	66.0	52.0	62.0	23,760	17,160	20,460
LA	175	230	155	160	220	140	50.0	40.0	41.0	8,000	8,800	5,740
MD	190	185	165	175	170	145	63.0	66.0	37.0	11,025	11,220	5,365
MI	520	450	680	510	440	660	64.0	67.0	68.0	32,640	29,480	44,880
MN	1,867	2,040	1,877	1,815	1,834	1,825	43.9	34.0	57.8	79,655	62,420	105,482
MS	250	230	150	225	180	125	52.0	40.0	49.0	11,700	7,200	6,125
MO	900	900	960	760	760	870	54.0	44.0	61.0	41,040	33,440	53,070
MT	5,360	5,790	5,290	4,215	4,795	5,050	22.9	23.1	27.2	96,570	110,735	137,530
NE	1,750	1,650	1,900	1,600	1,520	1,820	37.0	33.0	46.0	59,200	50,160	83,720
NV	15	13	12	3	5	7	90.0	81.6	78.4	270	408	549
NJ	31	38	31	27	32	26	45.0	57.0	42.0	1,215	1,824	1,092
NM	500	480	500	240	150	140	34.0	26.0	30.0	8,160	3,900	4,200
NY	125	120	130	120	118	120	53.0	58.0	53.0	6,360	6,844	6,360
NC	660	600	530	450	430	410	39.0	42.0	36.0	17,550	18,060	14,760
ND	9,450	9,080	8,630	9,080	7,915	8,500	32.2	27.3	37.3	292,400	216,095	317,090
OH	950	860	1,060	900	810	1,000	67.0	62.0	68.0	60,300	50,220	68,000
OK	5,600	6,200	6,600	3,700	3,700	4,600	33.0	28.0	39.0	122,100	103,600	179,400
OR	910	945	1,115	855	840	1,080	38.2	41.1	49.0	32,650	34,500	53,540
PA	170	190	175	160	185	165	52.0	53.0	43.0	8,320	9,805	7,095
SC	220	200	200	210	170	185	43.0	37.0	39.0	9,030	6,290	7,215
SD	3,025	3,030	3,028	2,044	1,677	2,747	37.6	26.4	42.3	76,766	44,247	116,241
TN	500	470	430	340	300	270	54.0	47.0	50.0	18,360	14,100	13,500
TX	5,600	6,400	6,600	3,200	2,700	3,450	34.0	29.0	28.0	108,800	78,300	96,600
UT	160	155	175	141	110	135	42.8	32.6	41.4	6,034	3,590	5,585
VA	200	230	210	170	170	160	60.0	61.0	46.0	10,200	10,370	7,360
WA	2,460	2,450	2,400	2,350	2,390	2,345	55.9	54.3	59.4	131,350	129,770	139,345
WV	12	12	12	8	7	7	58.0	48.0	41.0	464	336	287
WI	178	208	212	167	192	180	64.1	60.0	68.3	10,708	11,516	12,300
WY	168	159	168	126	129	151	24.2	19.2	26.9	3,048	2,471	4,065
US	59,432	60,318	61,700	48,473	45,824	52,839	40.2	35.0	44.2	1,947,453	1,605,878	2,336,526

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

Table 1-7.—Wheat: Supply and disappearance, United States, 1994–2003

Year beginning June	Supply				Disappearance						Ending stocks May 31
	Beginning stocks	Production	Imports ¹	Total	Domestic use				Exports ¹	Total disappearance	
					Food	Seed	Feed ²	Total			
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
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	909	81	391	1,381	1,046	2,427	946
1999	946	2,299	95	3,339	929	92	283	1,303	1,086	2,390	950
2000	950	2,232	90	3,272	950	80	304	1,334	1,062	2,396	876
2001	876	1,957	108	2,941	926	84	191	1,201	962	2,164	777
2002	777	1,619	77	2,473	917	84	126	1,128	854	1,982	491
2003 ³	491	2,337	75	2,903	910	84	225	1,219	1,125	2,344	559

¹ Imports and exports include flour and other products expressed in wheat equivalent. ² Approximates feed and residual use and includes negligible quantities used for distilled spirits. ³ Preliminary. Totals may not add due to independent rounding.

Table 1-8.—Wheat, by type: Area, yield, and production, by States, 2001–2003

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
Winter wheat												
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
AL	170	150	150	70	60	75	48.0	40.0	42.0	3,360	2,400	3,150
AZ	6	6	4	6	6	4	100.0	86.0	103.0	600	516	412
AR	1,100	950	700	970	830	570	52.0	46.0	50.0	50,440	38,180	28,500
CA	530	530	675	380	300	370	70.0	76.0	61.0	26,600	22,800	22,570
CO	2,350	2,350	2,600	2,000	1,650	2,200	33.0	22.0	35.0	66,000	36,300	77,000
DE	60	55	50	57	53	47	61.0	70.0	41.0	3,477	3,710	1,927
FL	15	19	20	9	7	12	41.0	35.0	41.0	369	245	492
GA	300	330	380	200	190	230	53.0	42.0	46.0	10,600	7,980	10,580
ID	690	670	760	650	630	720	73.0	77.0	80.0	47,450	48,510	57,600
IL	750	660	850	720	630	810	61.0	49.0	65.0	43,920	30,870	52,650
IN	400	340	460	380	310	430	66.0	53.0	69.0	25,080	16,430	29,670
IA	25	20	21	18	16	19	54.0	53.0	61.0	972	848	1,159
KS	9,800	9,700	10,400	8,200	8,200	10,000	40.0	33.0	48.0	328,000	270,600	480,000
KY	550	530	480	360	330	330	66.0	52.0	62.0	23,760	17,160	20,460
LA	175	230	155	160	220	140	50.0	40.0	41.0	8,000	8,800	5,740
MD	190	185	165	175	170	145	63.0	66.0	37.0	11,025	11,220	5,365
MI	520	450	680	510	440	660	64.0	67.0	68.0	32,640	29,480	44,880
MN	15	35	25	13	30	23	29.0	36.0	42.0	377	1,080	966
MS	250	230	150	225	180	125	52.0	40.0	49.0	11,700	7,200	6,125
MO	900	900	960	760	760	870	54.0	44.0	61.0	41,040	33,440	53,070
MT	1,300	1,450	1,800	870	780	1,720	22.0	28.0	37.0	19,140	21,840	63,640
NE	1,750	1,650	1,900	1,600	1,520	1,820	37.0	33.0	46.0	59,200	50,160	83,720
NV	9	6	7	2	3	3	95.0	86.0	83.0	190	258	249
NJ	31	38	31	27	32	26	45.0	57.0	42.0	1,215	1,824	1,092
NM	500	480	500	240	150	140	34.0	26.0	30.0	8,160	3,900	4,200
NY	125	120	130	120	118	120	53.0	58.0	53.0	6,360	6,844	6,360
NC	660	600	530	450	430	410	39.0	42.0	36.0	17,550	18,060	14,760
ND	150	80	130	80	65	120	40.0	33.0	49.0	3,200	2,145	5,880
OH	950	860	1,060	900	810	1,000	67.0	62.0	68.0	60,300	50,220	68,000
OK	5,600	6,200	6,600	3,700	3,700	4,600	33.0	28.0	39.0	122,100	103,600	179,400
OR	750	800	970	700	710	940	40.0	42.0	51.0	28,000	29,820	47,940
PA	170	190	175	160	185	165	52.0	53.0	43.0	8,320	9,805	7,095
SC	220	200	200	210	170	185	43.0	37.0	39.0	9,030	6,290	7,215
SD	1,300	1,300	1,600	370	670	1,380	32.0	30.0	43.0	11,840	20,100	59,340
TN	500	470	430	340	300	270	54.0	47.0	50.0	18,360	14,100	13,500
TX	5,600	6,400	6,600	3,200	2,700	3,450	34.0	29.0	28.0	108,800	78,300	96,600
UT	140	140	160	125	100	125	42.0	32.0	41.0	5,250	3,200	5,125
VA	200	230	210	170	170	160	60.0	61.0	46.0	10,200	10,370	7,360
WA	1,850	1,850	1,850	1,750	1,800	1,800	61.0	58.0	65.0	106,750	104,400	117,000
WV	12	12	12	8	7	7	58.0	48.0	41.0	464	336	287
WI	170	200	205	160	185	175	65.0	61.0	69.0	10,400	11,285	12,075
WY	160	150	160	120	125	145	24.0	19.0	27.0	2,880	2,375	3,915
US	40,943	41,766	44,945	31,165	29,742	36,541	43.4	38.2	46.7	1,353,119	1,137,001	1,707,069
Durum wheat												
AZ	88	93	115	87	93	115	91.0	96.0	100.0	7,917	8,928	11,500
CA	85	95	130	81	90	115	105.0	100.0	100.0	8,505	9,000	11,500
MN	2	5	2	2	4	2	39.0	35.0	58.0	78	140	116
MT	510	590	640	495	565	630	24.0	23.0	23.0	11,880	12,995	14,490
ND	2,200	2,100	2,000	2,100	1,950	1,980	26.0	25.0	29.5	54,600	48,750	58,410
SD	25	30	28	24	7	27	24.0	21.0	23.0	576	147	621
US	2,910	2,913	2,915	2,789	2,709	2,869	30.0	29.5	33.7	83,556	79,960	96,637
Other spring wheat												
CO	47	25	30	44	20	29	72.0	90.0	40.0	3,168	1,800	1,160
ID	520	480	480	490	460	450	68.0	65.0	66.0	33,320	29,900	29,700
MN	1,850	2,000	1,850	1,800	1,800	1,800	44.0	34.0	58.0	79,200	61,200	104,400
MT	3,550	3,750	2,850	2,850	3,450	2,700	23.0	22.0	22.0	65,550	75,900	59,400
NV	6	7	5	1	2	4	80.0	75.0	75.0	80	150	300
ND	7,100	6,900	6,500	6,900	5,900	6,400	34.0	28.0	39.5	234,600	165,200	252,800
OR	160	145	145	155	130	140	30.0	36.0	40.0	4,650	4,680	5,600
SD	1,700	1,700	1,400	1,650	1,000	1,340	39.0	24.0	42.0	64,350	24,000	56,280
UT	20	15	15	16	10	10	49.0	39.0	46.0	784	390	460
WA	610	600	550	600	590	545	41.0	43.0	41.0	24,600	25,370	22,345
WI	8	8	7	7	7	5	44.0	33.0	45.0	308	231	225
WY	8	9	8	6	4	6	28.0	24.0	25.0	168	96	150
US	15,579	15,639	13,840	14,519	13,373	13,429	35.2	29.1	39.7	510,778	388,917	532,820

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

Table 1-9.—Wheat: Support operations, United States, 1994–2003

Marketing year beginning June 1	Income support payment rates per bushel ¹	Program price levels per bushel		Put under loan ⁴		Acquired by CCC under loan program ⁵	Owned by CCC at end of marketing year ⁶
		Loan ²	Target ³	Quantity	Percentage of production		
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	0.87	2.58	NA	194	8.5	0	93
1997/98	0.63	2.58	NA	264	10.6	18	94
1998/99	0.99	2.58	NA	363	14.2	41	128
1999/2000 ...	1.27	2.58	NA	154	6.7	31	104
2000/2001 ...	1.23	2.58	NA	181	8.1	13	97
2001/2002 ...	1.01	2.58	NA	197	9.9	10	99
2002/2003 ...	0.52/0.00	2.80	3.86	120	7.4	3	66
2003/2004 ...	0.52/--	2.80	3.86	.....	.....	.....	.....

¹ 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 through 2001/2002 crops were 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 included supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the provisions of the Direct Payment program, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act) and includes a PFC payment rate for 2002 only. Payment rates are rounded to the nearest tenth of a cent. ² The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. ³ Between the 1996/97 and 2001/2002 marketing years, target prices were no longer applicable; however, with enactment of the 2002 Act, target prices were reestablished. ⁴ 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. ⁵ Acquisition of forfeited loans made from current crop. ⁶ Includes 141 million in 1994/95 in Food Security Reserve, 118 million in 1995/96, 93 million in 1996/97 through 2001/02 and 66 million in 2002/03. (The Food Security Reserve became the Food Security Commodity Trust in July of 1999 and the Bill Emerson Humanitarian Trust in July of 2002.) NA-not applicable.

FSA, Food Grains Analysis Group, (202) 720-5653.

Table 1-10.—Wheat: Marketing year average price and value, by States, crop of 2001, 2002, and 2003¹

State	Marketing year average price per bushel			Value of production		
	2001	2002	2003 ²	2001	2002	2003 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL	2.55	3.10	3.10	8,568	7,440	9,765
AZ	3.95	4.35	4.70	33,222	40,952	55,574
AR	2.36	2.90	3.10	119,038	112,056	88,350
CA	3.11	3.61	3.50	110,852	113,715	128,510
CO	2.72	3.63	3.35	187,852	139,675	262,590
DE	2.45	3.15	3.10	8,519	12,789	5,974
FL	2.25	2.40	3.00	830	722	1,476
GA	2.05	2.50	3.05	21,730	20,500	32,269
ID	3.18	3.67	3.55	269,963	321,499	310,095
IL	2.49	3.01	3.20	109,361	95,869	168,480
IN	2.41	3.18	3.20	60,443	55,618	94,944
IA	2.50	2.85	2.85	2,430	2,280	3,303
KS	2.69	3.41	3.15	882,320	911,493	1,512,000
KY	2.50	3.01	3.25	59,400	54,240	66,495
LA	2.75	3.00	3.30	22,000	26,400	18,942
MD	2.45	3.15	3.15	27,011	37,422	16,900
MI	2.43	3.28	3.30	87,091	107,682	148,104
MN	2.93	3.86	3.70	233,243	239,996	390,276
MS	2.45	2.70	3.30	28,665	24,354	20,213
MO	2.42	3.03	3.05	99,317	103,626	161,864
MT	3.14	4.04	3.85	304,487	446,350	525,741
NE	2.75	3.60	3.25	162,800	175,104	272,090
NV	3.15	3.55	3.35	840	1,420	1,862
NJ	2.30	3.10	3.05	2,795	5,754	3,331
NM	2.75	3.45	3.20	22,440	12,903	13,440
NY	2.64	3.28	2.10	16,790	24,351	13,356
NC	2.40	2.75	2.90	43,992	55,440	42,804
ND	2.79	3.80	3.70	812,938	822,752	1,177,803
OH	2.46	3.16	3.20	148,338	158,695	217,600
OK	2.74	3.37	3.25	334,554	339,696	583,050
OR	3.27	3.72	3.75	106,718	126,382	199,778
PA	2.68	3.40	3.30	22,298	33,966	23,414
SC	2.30	2.60	2.85	20,769	18,278	20,563
SD	2.78	3.81	3.50	214,059	160,708	403,943
TN	2.50	2.92	3.10	45,900	40,296	41,850
TX	2.78	3.92	3.05	302,464	236,466	294,630
UT	3.30	4.65	3.65	19,912	22,736	20,290
VA	2.29	2.82	2.95	23,358	30,202	21,712
WA	3.23	3.83	3.80	427,838	496,858	528,130
WV	2.46	3.10	3.10	1,141	1,042	890
WI	2.40	3.05	3.15	25,668	32,863	38,835
WY	2.70	3.70	3.35	8,263	8,810	13,663
US	2.78	3.56	3.35	5,440,217	5,679,400	7,954,899

¹ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ² Preliminary.

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

Table 1-11.—Wheat: Area, yield, and production in specified countries, 2000/2001–2002/2003¹

Continent and country	Area ²			Yield per hectare			Production		
	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³
	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	10,963	10,585	8,836	2.42	1.94	1.83	26,519	20,568	16,198
Mexico	690	685	630	4.93	4.77	4.60	3,400	3,270	2,900
United States	21,502	19,681	18,582	2.83	2.71	2.37	60,758	53,262	44,062
Total	33,155	30,951	28,048	2.73	2.49	2.25	90,677	77,100	63,160
South America:									
Argentina	6,408	6,825	5,900	2.53	2.27	2.08	16,230	15,500	12,300
Bolivia	117	110	115	0.89	1.06	0.96	104	117	110
Brazil	1,468	1,725	2,043	1.13	1.88	1.44	1,660	3,250	2,935
Chile	414	426	416	4.30	4.27	4.32	1,780	1,819	1,797
Colombia	14	14	15	2.07	2.07	2.13	29	29	32
Ecuador	25	19	19	0.60	0.63	0.63	15	12	12
Paraguay	159	247	160	1.38	1.46	2.06	220	360	330
Peru	146	154	165	1.28	1.26	1.12	187	194	185
Uruguay	128	125	132	2.53	1.15	1.56	324	144	206
Total	8,879	9,645	8,965	2.31	2.22	2.00	20,549	21,425	17,907
Guatemala	3	1	1	1.67	1.00	1.00	5	1	1
Europe:									
Austria	294	288	324	4.47	5.24	4.83	1,313	1,508	1,566
Belgium-Luxembourg	224	191	212	7.81	7.91	8.16	1,749	1,511	1,729
Denmark	627	634	577	7.49	7.36	7.03	4,694	4,664	4,056
Finland	149	143	174	3.61	3.42	3.27	538	489	569
France	5,250	4,769	5,230	7.12	6.62	7.44	37,358	31,571	38,934
Germany	2,969	2,898	3,015	7.28	7.88	6.90	21,622	22,838	20,818
Greece	655	635	845	2.12	1.92	1.71	1,390	1,217	1,443
Ireland	84	85	103	8.40	9.05	8.43	706	769	868
Italy	2,322	2,289	2,415	3.20	2.80	3.12	7,427	6,413	7,529
Netherlands	136	123	135	8.40	8.06	7.83	1,143	991	1,057
Portugal	226	184	225	1.57	0.84	1.93	355	154	434
Spain	2,370	2,203	2,401	3.09	2.24	2.83	7,333	4,938	6,783
Sweden	401	399	339	5.99	5.88	6.23	2,400	2,345	2,113
United Kingdom	2,086	1,635	1,996	8.01	7.08	8.00	16,704	11,580	15,973
Total	17,793	16,476	17,991	5.89	5.52	5.77	104,732	90,988	103,872
EU Accession Countries									
Cyprus	6	6	6	1.67	1.67	1.67	10	10	10
Czech Republic	970	923	849	4.21	4.85	4.55	4,084	4,476	3,866
Estonia	69	56	66	2.13	2.34	2.33	147	131	154
Hungary	1,040	1,200	1,100	3.55	4.31	3.55	3,692	5,176	3,900
Latvia	158	167	152	2.70	2.71	3.11	427	452	473
Lithuania	371	352	335	3.33	2.98	3.64	1,237	1,050	1,218
Malta & Gozo	1	1	1	5.00	5.00	5.00	5	5	5
Poland	2,635	2,627	2,422	3.23	3.53	3.84	8,503	9,283	9,297
Slovakia	400	450	400	3.13	4.22	3.89	1,250	1,900	1,554
Slovenia	36	40	35	3.06	4.50	3.14	110	180	110
Total	5,686	5,822	5,366	3.42	3.89	3.84	19,465	22,663	20,587
Other Europe:									
Albania	100	100	100	3.00	3.00	2.90	300	300	290
Bosnia-Herzegovina	114	103	110	2.41	2.61	2.70	275	269	297
Bulgaria	1,050	1,100	1,150	2.76	2.82	3.00	2,900	3,100	3,450
Croatia	235	215	219	4.39	3.72	4.31	1,032	800	943
Macedonia (Skopje)	115	118	120	2.78	1.82	2.08	320	215	250
Norway	68	63	65	4.60	4.00	4.31	313	252	280
Romania	1,942	2,543	2,190	2.37	2.63	1.96	4,600	6,700	4,300
Serbia and Montenegro	653	720	750	2.76	3.47	2.93	1,800	2,500	2,200
Switzerland	96	91	100	6.10	5.71	6.10	586	520	610
Total E. Europe	4,373	5,053	4,804	2.77	2.90	2.63	12,126	14,656	12,620

See footnotes at end of table.

Table 1-11.—Wheat: Area, yield, and production in specified countries, 2000/2001–2002/2003¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³
	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
Fmr. Soviet Union:									
Armenia	90	95	105	1.11	2.11	2.29	100	200	240
Azerbaijan	493	600	650	2.64	2.67	2.60	1,300	1,600	1,690
Belarus	425	425	525	2.24	2.35	2.86	950	1,000	1,500
Georgia	90	111	130	1.00	2.70	1.54	90	300	200
Kazakhstan	10,500	10,700	11,500	0.87	1.19	1.10	9,100	12,700	12,600
Kyrgyzstan	450	480	500	2.22	2.60	2.60	1,000	1,250	1,300
Moldova	370	420	420	1.96	2.86	2.86	725	1,200	1,200
Russian Fed.	23,200	23,800	25,700	1.48	1.97	1.97	34,450	46,900	50,550
Tajikistan	301	290	290	0.94	0.79	1.93	283	230	560
Turkmenistan ...	700	700	700	1.64	1.71	2.86	1,150	1,200	2,000
Ukraine	5,161	6,882	6,750	1.98	3.10	3.04	10,197	21,349	20,550
Uzbekistan	1,200	1,200	1,200	3.00	2.83	4.17	3,600	3,400	5,000
Total	42,980	45,703	48,470	1.46	2.00	2.01	62,945	91,329	97,390
Middle East:									
Iran	6,000	6,000	6,200	1.33	1.42	1.94	8,000	8,500	12,000
Iraq	1,200	1,220	1,800	0.38	0.53	1.00	450	650	1,800
Israel	25	65	75	3.20	2.08	2.33	80	135	175
Jordan	23	27	72	1.26	0.89	1.04	29	24	75
Lebanon	15	15	20	2.00	2.00	3.00	30	30	60
Saudi Arabia	400	446	446	4.50	4.48	4.48	1,800	2,000	2,000
Syria	1,200	1,500	1,600	2.25	3.00	2.81	2,700	4,500	4,500
Turkey	8,700	8,500	8,550	2.07	1.82	1.96	18,000	15,500	16,800
Yemen	100	100	100	1.50	1.50	1.50	150	150	150
Total	17,663	17,873	18,863	1.77	1.76	1.99	31,239	31,489	37,560
Africa:									
Algeria	827	1,836	1,400	0.92	1.09	0.80	760	2,010	1,120
Angola	2	3	5	2.00	1.33	0.80	4	4	4
Chad	4	4	4	0.75	1.00	1.00	3	4	4
Congo, Dem. Rep.	10	10	10	1.00	1.00	1.80	10	10	18
Egypt	1,190	1,002	1,008	5.34	6.12	6.10	6,350	6,130	6,150
Eritrea	23	23	25	1.87	1.09	0.48	43	25	12
Ethiopia	1,675	1,650	1,650	1.09	1.11	0.97	1,820	1,830	1,600
Kenya	80	145	140	1.31	1.59	1.96	105	230	275
Lesotho	19	12	29	1.21	1.50	0.52	23	18	15
Libya	250	250	250	0.50	0.50	0.50	125	125	125
Morocco	2,902	2,701	2,626	0.48	1.23	1.28	1,381	3,316	3,357
Mozambique	1	1	1	1.00	1.00	1.00	1	1	1
Nigeria	35	35	35	1.29	1.43	1.43	45	50	50
South Africa,									
Rep.	934	959	941	2.51	2.60	2.47	2,349	2,490	2,320
Sudan	90	140	100	2.39	2.39	2.50	215	335	250
Tanzania, United Rep. ...	60	55	55	1.00	1.36	1.36	60	75	75
Tunisia	910	825	755	1.45	1.36	0.56	1,320	1,120	420
Zambia	11	12	12	5.45	6.67	6.25	60	80	75
Zimbabwe	46	45	40	5.54	5.56	3.75	255	250	150
Total	9,069	9,708	9,086	1.65	1.86	1.76	14,929	18,103	16,021

See footnotes at end of table.

Table 1-11.—Wheat: Area, yield, and production in specified countries, 2000/2001–2002/2003¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³
	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
Asia:									
Afghanistan	2,029	1,779	1,742	0.72	0.90	1.54	1,469	1,597	2,686
Bangladesh	773	750	778	2.16	2.15	1.99	1,673	1,610	1,550
Bhutan	13	13	13	1.54	1.54	1.54	20	20	20
Burma	90	90	90	1.11	1.11	1.11	100	100	100
China, Peop. Rep.	26,650	24,664	23,910	3.74	3.81	3.78	99,640	93,873	90,290
India	27,486	25,700	25,900	2.78	2.71	2.77	76,369	69,680	71,810
Japan	183	197	207	3.76	3.55	4.00	688	700	828
Korea, Dem. Rep.	90	90	95	1.67	0.89	2.05	150	80	195
Korea, Rep.	1	1	2	2.00	3.00	3.00	2	3	6
Mongolia	300	300	300	0.50	0.50	0.50	150	150	150
Nepal	640	640	640	1.64	1.64	1.64	1,050	1,050	1,050
Pakistan	8,463	8,100	8,057	2.49	2.35	2.26	21,079	19,023	18,226
Total	66,718	62,324	61,734	3.03	3.01	3.03	202,390	187,886	186,911
Oceania:									
Australia	13,002	11,592	10,831	1.70	2.14	0.87	22,108	24,854	9,385
New Zealand ...	53	56	56	6.15	6.52	6.34	326	365	355
Total	13,055	11,648	10,887	1.72	2.17	0.89	22,434	25,219	9,740
World Total ...	219,374	215,204	214,215	2.65	2.70	2.64	581,491	580,859	565,769

¹ 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. ² Harvested area as far as possible. ³ 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, 1993–2002

Year beginning June	Wheat grain ¹	Flour (wheat equivalent)	Other products (wheat equivalent) ²	Total wheat, flour, and other products
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
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	7,116	14,986	94,511
2000	66,313	8,863	14,649	89,825
2001	82,615	9,907	15,029	107,551
2002	49,743	11,945	15,691	77,380

¹ Starting January 1989, Census ceased reporting wheat suitable for milling and unfit for human consumption. ² 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, flour, and products: ¹ International trade, 2000/2001–2002/2003 ²

Country	2000/2001	2001/2002	2002/2003 ³
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Principal exporters:			
Argentina	11,396	11,671	6,276
Australia	16,682	16,494	10,946
Canada	17,351	16,758	9,393
India	2,357	3,234	5,350
Kazakhstan	3,668	3,780	5,505
Russia	696	4,372	12,621
Turkey	1,601	558	839
Ukraine	78	5,486	6,569
EU	15,225	11,494	16,315
Eastern Europe	2,336	4,173	4,651
Others	4,217	6,173	7,467
Subtotal	75,607	84,193	85,932
United States	28,027	26,244	22,969
Total	103,634	110,437	108,901
Principal importers:			
Algeria	5,600	4,572	6,079
Bangladesh	1,293	1,565	1,335
Bolivia	485	462	356
Brazil	7,453	7,202	6,631
Chile	438	433	420
China	195	1,092	425
Colombia	1,164	1,161	1,166
Cuba	963	1,054	819
Ecuador	490	431	347
Egypt	6,050	6,944	6,300
Ethiopia	892	400	611
India	45	33	19
Indonesia	4,069	3,677	4,000
Iran	6,245	5,586	1,561
Iraq	3,200	2,801	1,579
Israel	1,251	1,553	1,691
Japan	5,885	5,836	5,579
Jordan	650	752	1,147
Kenya	806	633	656
Korea, North	300	300	400
Korea, South	3,127	3,979	4,052
Libya	1,400	1,623	1,425
Malaysia	1,265	1,268	1,195
Mexico	3,066	3,171	3,161
Morocco	3,632	3,075	2,720
Nigeria	1,913	2,446	2,304
Pakistan	50	250	181
Peru	1,451	1,421	1,157
Philippines	3,050	2,922	3,230
Russia	1,604	629	520
South Africa	438	561	1,024
Sri Lanka	779	851	995
Sudan	920	902	860
Taiwan	1,033	1,026	1,003
Thailand	941	967	895
Tunisia	1,595	1,261	2,167
Turkey	446	1,088	1,166
UAE	1,101	1,149	1,010
Uzbekistan	550	481	254
Venezuela	1,394	1,395	961
Vietnam	650	916	875
Yemen	2,117	1,761	1,685
EU	3,159	9,822	12,526
O.W. Europe	523	970	725
Eastern Europe	2,732	1,687	1,885
United States	2,419	2,953	1,960
Subtotal	88,829	95,061	91,057
Other Countries	12,592	13,646	14,965
Unaccounted	2,213	1,730	2,879
Total	103,634	110,437	108,901

¹ Flour and products reported in terms of grain equivalent. ² Year beginning July 1. ³ 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: ¹ United States exports by country of destination, 2000/2001 and 2002/2003

Country of destination	Year ²		
	2000/2001	2001/2002	2002/2003
	1,000 metric tons	1,000 metric tons	1,000 metric tons
Wheat:			
Japan	3,018	2,995	3,081
Mexico	1,963	2,168	2,392
Nigeria	1,487	1,893	1,688
Philippines	1,941	1,418	1,499
Korea, Republic of	1,434	1,210	1,233
Egypt	4,181	3,547	908
Taiwan	942	957	842
Colombia	626	535	736
Brazil	53	199	656
Italy	729	1,071	556
Venezuela	603	442	539
Yemen	644	539	521
Israel	670	608	404
Thailand	353	363	402
Peru	445	561	392
Guatemala	128	153	344
Indonesia	770	186	298
Ethiopia	344	14	297
Canadian Trans.	254	609	264
Dominican Republic	254	289	246
Others	6,086	5,575	4,872
Total	26,925	25,332	22,170
Wheat flour:			
El Salvador	0	3	51
Yemen	117	53	42
Mexico	21	30	39
Mozambique	100	22	39
Tajikistan, Republic of	67	45	35
Canada	52	25	32
Bolivia	30	27	27
Bangladesh	52	0	22
Ethiopia	6	13	17
Iraq	0	0	15
South Africa, Republic of	0	0	15
Zimbabwe	0	0	15
Germany	0	51	12
Haiti	69	24	12
Chad	9	14	10
India	37	30	10
Uzbekistan, Republic of	0	10	10
Nicaragua	10	8	9
Angola	34	2	8
Bulgaria	0	7	8
Others	265	362	91
Total	869	726	519

¹ Flour reported in terms of grain equivalent. ² 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, 1994–2003

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers ^{2 3}	Value of production ^{2 3}
	Planted ¹	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>
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	250	27.6	6,896	2.93	20,422
2002	1,355	263	24.7	6,488	3.38	23,511
2003	1,368	339	27.3	9,254	2.95	27,389

¹ Area planted in preceding fall. ² Preliminary. ³ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.
 NASS, Crops Branch, (202) 720-2127.

Table 1-16.—Rye: Supply and disappearance, United States, 1994–2003

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Beginning stocks	Production	Imports	Total	Domestic use					Exports	Total disappearance	
					Food	Seed	Industry	Feed ¹	Total			
	<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>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
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 ..	1,190	6,971	4,945	13,106	3,300	3,000	3,000	3,045	12,345	193	12,538	568
2002 ..	568	6,955	6,000	13,523	3,300	3,000	3,000	3,405	12,705	250	12,955	568
2003 ²	568	9,254	4,000	13,822	3,300	3,000	3,000	3,704	13,004	250	13,254	568

¹ Residual, approximates total feed use. ² 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, 1994–2003

Marketing year beginning June 1	Loan rate per bushel ¹	Put under loan ²		Acquired by CCC under support program ³	Owned by CCC at end of marketing year
		Quantity	Percentage of production		
	<i>Dollars</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
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	(4)	.....	.....	.....	.....
1997/98	(4)	.....	.....	.....	.....
1998/99	(4)	.....	.....	.....	.....
1999/2000	(4)	.....	.....	.....	.....
2000/2001	(4)	.....	.....	.....	.....
2001/2002	(4)	.....	.....	.....	.....
2002/2003	(4)	.....	.....	.....	.....
2003/2004	(4)	.....	.....	.....	.....

¹ 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. ² Includes loans made, purchases, and purchase agreements entered into. ³ Acquisition of all loans forfeited during the marketing year including loans made in previous years. ⁴ 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, (202) 720-8838.

Table 1-18.—Rye: Area, yield, and production, by States, 2001–2003

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bush-els</i>	<i>1,000 bush-els</i>	<i>1,000 bush-els</i>
GA	300	240	270	30	35	50	25.0	16.0	16.0	750	560	800
ND	13	10	18	10	7	15	34.0	30.0	50.0	340	210	750
OK	250	280	280	50	65	90	23.0	20.0	24.0	1,150	1,300	2,160
SD	10	15	20	10	10	14	35.0	27.0	48.0	350	270	672
Oth Sts ²	755	810	780	150	146	170	28.7	28.4	28.7	4,306	4,148	4,872
US	1,328	1,355	1,368	250	263	339	27.6	24.7	27.3	6,896	6,488	9,254

¹ Includes area planted preceding fall. ² 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 2001, 2002, and 2003 ¹

State	Marketing year average price per bushel			Value of production		
	2001	2002	2003 ²	2001	2002	2003 ²
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
GA	6.00	6.00	4.00	5,250	4,320	3,200
ND	1.55	2.69	2.00	527	920	1,500
OK	3.40	4.00	3.90	3,910	5,200	8,424
SD	2.50	3.35	2.25	875	905	1,512
Oth Sts ³	2.32	2.81	2.60	9,860	12,166	12,753
US	2.93	3.38	2.95	20,422	23,511	27,389

¹ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ² Preliminary. ³ 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, 2000/2001–2002/2003 ¹

Continent and country	Area ²			Yield per hectare			Production		
	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³
	<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	115	123	77	2.26	1.85	1.74	260	228	134
United States ...	120	103	114	1.78	1.72	1.55	213	177	177
Total	235	226	191	2.01	1.79	1.63	473	405	311
South America:									
Argentina	87	66	53	1.44	1.23	1.45	125	81	77
Brazil	7	7	7	1.29	1.29	1.29	9	9	9
Chile	5	5	5	2.00	2.00	2.00	10	10	10
Total	99	78	65	1.45	1.28	1.48	144	100	96
European Union:									
Austria	53	51	49	3.40	4.20	3.59	180	214	176
Belgium-Luxembourg	2	2	1	5.00	4.00	8.00	10	8	8
Denmark	51	65	46	5.14	5.11	5.00	262	332	230
Finland	44	29	30	2.45	2.21	2.43	108	64	73
France	32	28	29	4.56	4.14	4.79	146	116	139
Germany	843	837	728	4.93	6.13	5.04	4,154	5,132	3,666
Greece	15	20	15	2.27	1.50	2.27	34	30	34
Italy	4	3	3	2.50	3.00	3.33	10	9	10
Netherlands	6	4	4	4.83	4.25	4.25	29	17	17
Portugal	45	38	36	1.02	0.63	0.94	46	24	34
Spain	111	101	102	1.89	1.06	1.71	210	107	174
Sweden	35	34	24	5.34	5.29	5.33	187	180	128
United Kingdom	7	5	5	6.29	4.60	5.80	44	23	29
Total	1,248	1,217	1,072	4.34	5.14	4.40	5,420	6,256	4,718

See footnotes at end of table.

Table 1-20.—Rye: Area, yield, and production in specified countries, 2000/2001–2002/2003¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
EU Accession Countries:									
Czech Republic	44	40	35	3.41	3.73	3.40	150	149	119
Estonia	29	20	18	2.10	2.05	2.39	61	41	43
Hungary	40	50	50	2.00	2.42	2.00	80	121	100
Latvia	55	56	41	2.02	1.91	2.44	111	107	100
Lithuania	133	111	75	2.34	2.11	2.27	311	234	170
Poland	2,130	2,002	1,585	1.88	2.43	2.41	4,003	4,863	3,822
Slovakia	32	40	40	2.00	3.00	2.43	64	120	97
Slovenia	1	1	1	3.00	3.00	3.00	3	3	3
Total	2,464	2,320	1,845	1.94	2.43	2.41	4,783	5,638	4,454
Other Europe:									
Albania	10	10	10	1.00	1.00	1.00	10	10	10
Bosnia-Herzegovina	5	5	5	2.40	2.60	2.60	12	13	13
Bulgaria	10	10	10	1.50	1.50	1.50	15	15	15
Croatia	2	2	3	3.00	3.00	2.33	6	6	7
Macedonia (Skopje)	7	7	7	1.57	1.57	1.57	11	11	11
Norway	3	3	3	3.67	3.67	3.67	11	11	11
Romania	20	20	20	2.50	2.50	2.50	50	50	50
Serbia and Montenegro	6	6	6	1.33	1.67	1.67	8	10	10
Switzerland	3	3	3	6.67	6.67	6.67	20	20	20
Total	66	66	67	2.17	2.21	2.19	143	146	147
Fmr. Soviet Union:									
Byelarus	780	800	800	1.86	2.00	2.38	1,450	1,600	1,900
Kazakhstan	70	70	70	0.71	1.07	0.71	50	75	50
Russian Fed.	3,500	3,600	3,750	1.56	1.83	1.91	5,450	6,600	7,150
Ukraine	637	879	750	1.52	2.07	2.00	966	1,822	1,500
Total	4,987	5,349	5,370	1.59	1.89	1.97	7,916	10,097	10,600
Asia:									
Turkey	180	180	180	1.39	1.39	1.39	250	250	250
Africa:									
South Africa	20	20	20	0.15	0.15	0.15	3	3	3
Oceania:									
Australia	35	35	35	0.57	0.57	0.57	20	20	20
World Total	9,334	9,491	8,845	2.05	2.41	2.33	19,152	22,915	20,599

¹ 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. ² Harvested area as far as possible. ³ Preliminary.

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

Table 1-21.—Rice, rough: Area, yield, production, and value, United States, 1994–2003¹

Year	Area planted	Area harvested	Yield per acre	Production	Marketing year average price per cwt. received by farmers ²	Value of production ²
	<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>
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	3,334.0	3,314.0	6,496	215,270	4.25	925,055
2002	3,240.0	3,207.0	6,578	210,960	4.49	979,628
2003	3,022.0	2,997.0	6,645	199,157	7.25	1,485,031

¹Sweet rice yield and production included in 2003 as short grain but not in previous years. ²Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

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

Table 1-22.—Rice, rough: Stocks on and off farms, United States, 1995–2004

Year beginning previous December	On farms			Off farms ¹		
	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>
1995	41,223	23,239	862	100,088	72,686	21,902
1996	32,936	20,520	486	88,395	65,326	19,485
1997	32,719	16,003	428	86,350	64,141	21,365
1998	33,470	21,205	1,136	90,873	66,846	19,855
1999	35,584	22,290	1,560	85,394	57,960	15,066
2000	50,185	27,212	1,141	89,191	63,025	20,829
2001	38,085	18,715	921	95,842	67,305	21,097
2002 ²	52,680	31,725	5,180	101,881	81,783	26,629
2003 ²	53,220	27,505	1,225	103,850	75,073	18,846
2004 ²	43,165	NA	NA	92,154	NA	NA

¹Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit. ²Preliminary. NA-not available.

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

Table 1-23.—Rice, by length of grain: Area, yield, and production, United States, 1994–2003

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>
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	6,213	7,801	6,192	167,555	46,105	1,610
2002	2,512.0	668.0	27.0	6,260	7,815	5,615	157,243	52,201	1,516
2003	2,310.0	644.0	43.0	6,451	7,366	6,293	149,011	47,440	2,706

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

Table 1-24.—Rice, rough, by length of grain: Stocks in all positions, United States, 1995–2004

Year beginning previous December	Long grain				Medium grain				Short grain			
	Dec. 1	Mar. 1	Aug. 1	Oct. 1 ¹	Dec. 1	Mar. 1	Aug. 1	Oct. 1 ¹	Dec. 1	Mar. 1	Aug. 1	Oct. 1 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>	<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>
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	(³)	43,941	32,264	12,022	4,506	1,134	952	531	(³)
1997	68,687	47,871	10,839	(³)	49,015	31,665	10,723	4,334	1,367	608	231	(³)
1998	78,329	53,329	9,863	(³)	44,477	33,596	10,640	4,368	1,537	1,126	488	(³)
1999	84,346	57,636	10,947	261	34,774	21,329	5,037	861	1,858	1,285	642	290
2000	96,383	62,755	12,511	160	39,601	25,381	8,299	3,287	3,392	2,101	1,160	680
2001	82,718	51,428	8,305	116	48,438	32,504	12,841	5,066	2,771	2,088	872	732
2002	109,953	83,723	22,743	434	42,525	28,515	8,477	2,691	2,083	1,270	589	363
2003	113,897	75,733	11,673	59	40,918	25,529	7,760	2,688	2,255	1,316	638	407
2004 ² ..	93,881	NA	NA	NA	58,736	NA	NA	NA	2,702	NA	NA	NA

¹ California only. ² Preliminary. ³ 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, 1994–2003¹

Year beginning August	Supply				Disappearance					Ending stocks July 31
	Beginning stocks	Production	Imports	Total	Food, industrial, & residual ²	Seed	Total	Exports ³	Total disappearance	
	<i>Million cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>
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	109.7	4.4	114.0	86.8	200.9	22.1
1999 ...	22.1	206.0	10.1	238.2	118.1	3.9	121.9	88.8	210.7	27.5
2000 ...	27.5	190.9	10.9	229.2	134.4	4.1	117.5	83.2	200.7	28.5
2001 ...	28.5	215.3	13.2	256.9	119.3	4.0	123.3	94.7	218.0	39.0
2002 ...	39.0	211.0	14.8	264.8	109.7	3.7	134.4	124.6	238.0	26.8
2003 ⁴ ..	26.8	199.2	15.0	240.9	118.0	4.0	122.0	94.0	216.0	24.9

All data updated as of January 2003. Totals may not add due to independent rounding.
¹ Consolidated supply and disappearance of rough and milled rice. Milled rice data converted to a rough basis using annually derived extraction rates as factors. ² The residual includes unaccounted losses in drying, processing, and handling. ³ Trade data from Bureau of the Census. ⁴ Preliminary. ERS, Market and Trade Economics Division, (202) 694-5292.

Table 1-26.—Rice, by length of grain: Area, yield, and production, by States, 2001–2003

State	Area harvested			Yield per acre			Production		
	2001	2002	2003 ¹	2001	2002	2003 ¹	2001	2002	2003 ¹
	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	1,472.0	1,340.0	1,290.0	6,330	6,430	6,600	93,178	86,162	85,140
CA	13.0	7.0	7.0	7,700	6,400	6,900	1,001	448	483
LA	538.0	525.0	430.0	5,500	5,500	5,870	29,590	28,875	25,241
MS	253.0	253.0	234.0	6,600	6,400	6,800	16,698	16,192	15,912
MO	206.0	182.0	170.0	6,000	6,050	6,130	12,360	11,011	10,421
TX	215.0	205.0	179.0	6,850	7,100	6,600	14,728	14,555	11,814
US	2,697.0	2,512.0	2,310.0	6,213	6,260	6,451	167,555	157,243	149,011
	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	148.0	162.0	164.0	6,500	6,500	6,500	9,620	10,530	10,660
CA	433.0	495.0	458.0	8,300	8,300	7,750	35,939	41,085	35,495
LA	8.0	10.0	20.0	5,300	5,250	5,780	424	525	1,156
MO	1.0	0	1.0	5,950	0	6,300	60	0	63
TX	1.0	1.0	1.0	6,200	6,100	6,600	62	61	66
US	591.0	668.0	644.0	7,801	7,815	7,366	46,105	52,201	47,440
	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	1.0	1.0	1.0	6,000	6,000	6,000	60	60	60
CA	25.0	26.0	42.0	6,200	5,600	6,300	1,550	1,456	2,646
US	26.0	27.0	43.0	6,192	5,615	6,293	1,610	1,516	2,706

¹ Preliminary.

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

Table 1-27.—Rice: Area, yield, and production, by States, 2001–2003¹

State	Area planted			Area harvested			Yield per harvested acre			Production		
	2001	2002	2003 ²	2001	2002	2003 ²	2001	2002	2003 ²	2001	2002	2003 ²
	<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	1,631.0	1,516.0	1,466.0	1,621.0	1,503.0	1,455.0	6,350	6,440	6,590	102,858	96,752	95,860
CA	473.0	533.0	509.0	471.0	528.0	507.0	8,170	8,140	7,620	38,490	42,989	38,624
LA	548.0	540.0	455.0	546.0	535.0	450.0	5,500	5,500	5,870	30,014	29,400	26,397
MS	255.0	255.0	235.0	253.0	253.0	234.0	6,600	6,400	6,800	16,698	16,192	15,912
MO	211.0	190.0	176.0	207.0	182.0	171.0	6,000	6,050	6,130	12,420	11,011	10,484
TX	216.0	206.0	181.0	216.0	206.0	180.0	6,850	7,100	6,600	14,790	14,616	11,880
US ...	3,334.0	3,240.0	3,022.0	3,314.0	3,207.0	2,997.0	6,496	6,578	6,645	215,270	210,960	199,157

¹ Sweet rice acreage, yield and production included in 2003 as short grain but not in previous years.² Preliminary.

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

Table 1-28.—Rice: Marketing year average price and value, by States, crop of 2001–2003¹

State	Marketing year average price per cwt.			Value of production		
	2001	2002	2003 ²	2001	2002	2003 ²
	<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	3.93	4.16	6.90	404,232	402,488	661,434
CA	5.28	6.32	9.65	203,227	271,690	372,722
LA	4.47	4.14	7.25	134,163	121,716	191,378
MS	4.15	4.94	6.65	69,297	79,988	105,815
MO	3.70	3.90	6.50	45,954	42,943	68,146
TX	4.61	4.16	7.20	68,182	60,803	85,536
US	4.25	4.49	7.25	925,055	979,628	1,485,031

¹ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be re-leased in October 2004. ² Preliminary.

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

Table 1-29.—Rice, milled, by length of grain: Stocks in all positions, United States, 1995–2004

Year beginning previous Dec.	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Dec. 1	Mar. 1	Aug. 1	Oct. 1 ¹	Dec. 1	Mar. 1	Aug. 1	Oct. 1 ¹	Dec. 1	Mar. 1	Aug. 1	Oct. 1 ¹
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	2,506	2,160	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	3,796	3,222	2,788	23	986	622	1,032	388	62	110	72	53
2003	4,390	3,656	2,739	9	1,674	1,351	543	277	58	59	60	30
2004 ² ..	3,338	NA	NA	NA	2,000	NA	NA	NA	114	NA	NA	NA

Year beginning previous Dec.	Broken kernels ³											
	Second heads				Screenings				Brewers			
	Dec. 1	Mar. 1	Aug. 1	Oct. 1 ¹	Dec. 1	Mar. 1	Aug. 1	Oct. 1 ¹	Dec. 1	Mar. 1	Aug. 1	Oct. 1 ¹
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 ² ..	608	937	652	238	64	85	61	.....	348	238	285	46
2001 ² ..	1,006	1,035	667	403	66	3	72	.....	251	228	117	31
2002 ² ..	825	648	696	246	123	139	133	.....	115	72	209	16
2003 ² ..	1,026	1,190	1,066	587	91	146	62	.....	242	225	104	12
2004 ² ..	968	NA	NA	NA	71	NA	NA	.....	125	NA	NA	NA

¹ California only. ² Preliminary. ³ 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, 1994–2003

Marketing year beginning August 1	Income support payment rates per cwt ¹	Program price levels per cwt		Put under loan ⁴		Acquired by CCC under loan program ⁵	Owned by CCC at end of marketing year
		Loan ²	Target ³	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million cwt</i>	<i>Percent</i>	<i>Million cwt</i>	<i>Million cwt</i>
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	2.77	6.50	NA	68.9	40.2	0.0	0.0
1997/98	2.71	6.50	NA	67.6	36.9	0.0	0.0
1998/99	4.37	6.50	NA	80.3	43.5	0.0	0.0
1999/2000	5.64	6.50	NA	110.8	53.8	0.1	0.0
2000/2001	5.42	6.50	NA	97.4	51.0	0.0	0.0
2001/2002	4.49	6.50	NA	128.0	59.5	4.4	0.0
2002/2003	2.35/0.00	6.50	10.50	132.8	63.0	0.0	0.0
2003/2004	2.35/--	6.50	10.50	.....	.....	.....	.....

¹ Payment rates for the 1995/96 & prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 through 2001/2002 crops were 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 included supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the provisions of the Direct Payment program, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act) and includes a PFC payment rate for 2002 only. Payment rates are rounded to the nearest tenth of a cent. ² The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. ³ Between the 1996/97 and 2001/2002 marketing years, target prices were no longer applicable; however, with enactment of the 2002 Act, target prices were reestablished. ⁴ Includes loans made and purchase agreements entered. Excludes quantities on which loan deficiency payments were made. ⁵ 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, 2000–2002¹

Country of destination	Year		
	2000	2001	2002
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Mexico	411	367	537
Haiti	219	184	273
Canada	180	183	168
Nicaragua	55	118	107
Honduras	80	97	105
Costa Rica	49	42	88
El Salvador	30	78	84
Guatemala	35	35	51
Total Western Hemisphere ²	1,210	1,203	1,643
European Union:			
United Kingdom	127	93	100
Germany	54	59	60
Netherlands	56	47	56
France	25	36	38
Spain	39	18	34
Italy	19	0	29
Belgium-Luxembourg	21	21	24
Total Europe ²	419	383	456
Japan	347	307	308
Turkey	227	69	156
Saudi Arabia	164	139	92
Total Asia, Middle East, and Oceania ²	1,014	753	881
Ghana	65	79	96
South Africa	55	56	73
Cote D'Ivoire	17	17	31
Liberia	14	14	13
Niger	3	5	9
Total Africa ²	204	201	313
World total ²	2,847	2,540	3,293

¹ Year beginning Jan 1. ² Includes countries not shown.

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

Table 1-32.—Rice, milled: Area, yield, and production in specified countries, 2000/2001–2002/2003¹

Continent and country	Area ²			Yield per hectare			Production		
	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Mexico	79	64	57	2.72	2.89	2.33	215	185	133
United States	1,230	1,341	1,298	4.83	5.01	5.04	5,941	6,714	6,536
Total	1,309	1,405	1,355	4.70	4.91	4.92	6,156	6,899	6,669
South America:									
Argentina	151	120	135	3.64	3.42	3.04	550	410	410
Bolivia	145	145	145	1.38	1.38	1.38	200	200	200
Brazil	3,142	3,153	3,170	2.21	2.26	2.29	6,933	7,120	7,250
Chile	29	30	30	2.62	2.67	2.67	76	80	80
Colombia	460	462	450	2.89	2.84	2.89	1,330	1,310	1,300
Ecuador	180	272	244	1.89	1.89	1.84	340	513	450
Guyana	150	150	150	2.43	2.47	2.47	365	370	370
Paraguay	27	27	28	2.63	2.74	2.64	71	74	74
Peru	304	310	315	4.69	4.84	4.92	1,425	1,500	1,550
Surinam	55	55	55	1.82	1.73	1.73	100	95	95
Uruguay	150	160	152	4.67	4.11	4.03	700	658	613
Venezuela	147	100	80	3.40	3.20	3.38	500	320	270
Total	4,940	4,984	4,954	2.55	2.54	2.56	12,590	12,650	12,662
Central America:									
Costa Rica	65	56	42	2.75	2.57	2.60	179	144	109
El Salvador	6	6	5	5.17	4.00	3.60	31	24	18
Guatemala	13	13	15	1.77	1.69	2.00	23	22	30
Honduras	3	3	3	2.33	2.33	2.00	7	7	6
Nicaragua	93	83	80	1.89	1.84	2.15	176	153	172
Panama	85	70	75	2.25	3.00	2.65	191	210	199
Total	265	231	220	2.29	2.42	2.43	607	560	534
Caribbean:									
Cuba	90	100	100	1.83	2.11	2.28	165	211	228
Dominican Rep.	90	104	111	3.11	3.12	3.13	280	324	347
Haiti	52	40	40	1.50	1.63	1.63	78	65	65
Trinidad	10	10	10	2.00	2.00	2.00	20	20	20
Total	242	254	261	2.24	2.44	2.53	543	620	660
European Union:									
France	20	19	19	3.50	3.26	3.32	70	62	63
Greece	20	21	20	5.50	4.81	5.20	110	101	104
Italy	220	218	220	3.31	3.38	3.93	728	737	865
Portugal	24	25	25	4.17	4.12	4.12	100	103	103
Spain	115	113	113	4.85	5.50	5.05	558	621	571
Total	399	396	397	3.92	4.10	4.30	1,566	1,624	1,706
EU Accession Countries:									
Hungary	5	5	5	2.00	2.00	2.00	10	10	10
Other Europe:									
Bulgaria	2	2	2	1.50	1.50	1.50	3	3	3
Macedonia (Skopje) ..	10	10	10	1.50	1.50	1.50	15	15	15
Romania	6	6	6	1.17	1.17	1.17	7	7	7
Total	18	18	18	1.39	1.39	1.39	25	25	25
Fmr. Soviet Union:									
Kazakhstan	70	65	65	1.86	2.69	2.31	130	175	150
Kyrgyzstan	5	5	5	1.00	1.00	1.00	5	5	5
Russian Fed.	175	154	129	2.18	2.10	2.43	381	323	314
Tajikistan	13	13	13	1.23	1.31	1.31	16	17	17
Turkmenistan	20	15	45	0.90	1.13	1.33	18	17	60
Ukraine	25	19	19	2.32	2.37	2.63	58	45	50
Uzbekistan	45	27	59	2.22	1.56	1.58	100	42	93
Total	353	298	335	2.01	2.09	2.06	708	624	689
Middle East:									
Iran	490	515	600	2.68	2.55	2.97	1,312	1,313	1,780
Iraq	100	100	110	0.40	0.85	0.91	40	85	100
Turkey	80	70	70	2.88	3.34	3.34	230	234	234
Total	670	685	780	2.36	2.38	2.71	1,582	1,632	2,114

See footnotes at end of table.

Table 1-32.—Rice, milled: Area, yield, and production in specified countries, 2000/2001–2002/2003¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa:									
Algeria	1	1	1	1.00	1.00	1.00	1	1	1
Angola	20	10	5	0.45	0.90	0.40	9	9	2
Benin	24	25	20	0.92	1.28	1.30	22	32	26
Burkina	40	39	45	1.38	1.67	1.31	55	65	59
Cameroon	20	20	20	2.40	2.55	2.55	48	51	51
Chad	51	90	80	0.92	0.97	0.78	47	87	62
Congo, Dem. Rep.	447	431	450	0.46	0.45	0.48	204	196	216
Cote d'Ivoire	580	600	500	0.98	0.97	0.90	570	580	450
Egypt	655	563	588	6.05	6.35	6.30	3,965	3,575	3,705
Gambia, The	15	18	12	1.40	1.17	1.00	21	21	12
Ghana	115	150	150	1.30	1.24	1.12	150	186	168
Guinea	580	580	580	0.98	0.89	0.90	566	514	520
Guinea-Bissau	70	55	65	0.97	1.07	0.88	68	59	57
Kenya	17	17	17	1.94	2.12	1.76	33	36	30
Liberia	150	130	120	0.80	0.67	0.55	120	87	66
Madagascar	1,200	1,200	1,200	1.23	1.23	1.43	1,470	1,470	1,710
Malawi	44	50	55	1.07	1.24	1.15	47	62	63
Mauritania	25	18	18	2.80	2.17	2.83	70	39	51
Morocco	8	8	8	5.00	5.00	5.00	40	40	40
Mozambique	155	174	180	0.65	0.63	0.73	100	110	132
Niger	22	28	25	1.82	1.79	2.16	40	50	54
Nigeria	1,650	1,650	1,660	1.21	1.27	1.33	2,000	2,100	2,200
Senegal	95	120	85	1.47	1.47	1.68	140	176	143
Sierra Leone	185	285	285	0.65	0.65	0.79	120	186	224
Somalia	1	1	1	1.00	1.00	1.00	1	1	1
Sudan	5	9	9	1.00	1.33	1.33	5	12	12
Swaziland	2	2	2	1.50	1.50	1.50	3	3	3
Tanzania, United Rep.	500	530	575	0.96	0.85	0.89	479	452	510
Togo	32	45	45	1.66	0.89	0.91	53	40	41
Zambia	15	15	15	0.73	0.47	0.47	11	7	7
Total	6,724	6,864	6,816	1.56	1.49	1.56	10,458	10,247	10,616
Asia:									
Afghanistan	130	121	135	0.81	1.01	1.93	105	122	260
Bangladesh	10,887	10,987	11,059	2.30	2.12	2.29	25,086	23,310	25,360
Brunei	3	3	3	1.33	1.33	1.33	4	4	4
Burma	6,000	6,200	6,200	1.80	1.68	1.68	10,771	10,440	10,440
Cambodia	1,903	1,980	1,966	1.33	1.30	1.20	2,536	2,583	2,356
China Peoples Republic	29,962	28,812	28,200	4.39	4.31	4.33	131,536	124,306	122,180
India	44,361	44,600	40,000	1.91	2.09	1.89	84,871	93,080	75,700
Indonesia	11,600	11,500	11,600	2.84	2.88	2.86	32,960	33,089	33,200
Japan	1,770	1,706	1,688	4.88	4.83	4.79	8,636	8,242	8,089
Korea, Democratic Pe	550	550	585	2.36	2.45	2.48	1,300	1,350	1,450
Korea, Republic of	1,072	1,083	1,053	4.94	5.09	4.68	5,291	5,515	4,927
Laos	719	745	690	1.84	1.89	2.10	1,320	1,410	1,446
Malaysia	665	643	660	2.12	2.10	2.23	1,410	1,350	1,470
Mali	350	365	370	1.41	1.52	1.25	492	554	462
Nepal	1,500	1,500	1,500	1.65	1.67	1.67	2,470	2,500	2,500
Pakistan	2,350	2,115	2,201	2.00	1.84	1.92	4,700	3,882	4,228
Philippin	4,030	4,080	4,100	2.02	2.07	2.06	8,135	8,450	8,450
Sri Lanka	770	735	806	2.52	2.48	2.55	1,940	1,820	2,058
Taiwan	340	338	307	3.95	3.68	4.14	1,342	1,245	1,271
Thailand	9,891	10,125	9,990	1.72	1.73	1.71	17,057	17,499	17,124
Vietnam	7,493	7,471	7,405	2.73	2.82	2.88	20,473	21,036	21,330
Total	136,346	135,659	130,518	2.66	2.67	2.64	362,435	361,787	344,305
Oceania:									
Australia	186	147	38	6.76	6.04	7.34	1,258	888	279
World total	151,457	150,946	145,697	2.63	2.63	2.61	397,938	397,566	380,269

¹ 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. ² Harvested area as far as possible. ³ 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: ¹ International trade, 2001–2003 ²

Country	2001	2002	2003 ³
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Exports:			
Argentina	363	233	160
Australia	618	360	150
Burma	670	1,002	400
China	1,847	1,963	2,583
Egypt	705	473	550
Guyana	175	150	175
India	1,936	6,650	4,421
Pakistan	2,417	1,603	1,700
Thailand	7,521	7,245	7,552
Uruguay	806	526	675
Vietnam	3,528	3,245	3,795
EU	264	358	325
Others	1,051	785	1,021
Subtotal	21,901	24,593	23,507
United States	2,541	3,295	3,850
Total	24,442	27,888	27,357
Imports:			
Bangladesh	402	311	1,100
Brazil	673	548	1,200
Canada	262	237	225
China	267	305	260
Colombia	163	31	75
Costa Rica	41	87	100
Cote d'Ivoire	654	716	750
Cuba	481	538	450
El Salvador	76	88	75
Ghana	368	350	375
Guinea	325	300	350
Haiti	250	305	325
Honduras	96	103	90
Indonesia	1,500	3,500	2,750
Iran	765	964	900
Iraq	959	1,178	700
Jamaica & Dep	75	30	50
Japan	680	616	650
Korea, North	537	654	625
Korea, South	99	148	180
Malaysia	633	480	500
Mexico	388	530	550
Nigeria	1,906	1,822	1,250
Nicaragua	117	106	100
Peru	62	33	30
Philippines	1,175	1,250	1,300
Russia	247	406	400
Saudi Arabia	1,053	938	1,150
Senegal	874	858	750
Singapore	444	358	375
South Africa	572	800	725
Sri Lanka	35	80	25
Syria	172	204	150
Taiwan	23	106	125
Turkey	231	342	350
Uzbekistan	142	65	25
UAE	75	80	80
Yemen	202	210	250
EU	923	959	975
O.W. Europe	55	100	50
Eastern Europe	381	364	379
United States	413	420	450
Subtotal	18,796	21,520	21,219
Other Countries	4,197	4,036	4,295
Unaccounted	1,449	2,332	1,843
World Total	24,442	27,888	27,357

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

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, 1996–2003¹

Crop year ²	Kansas City			Minneapolis (rail)			Portland Wheat No. 1 Soft White	St. Louis Wheat, No. 2 Soft Red Winter (truck)
	Wheat, No. 1 Hard Winter, Ordinary Protein (rail)	Wheat, No. 1 Hard Winter, 13% protein (rail)	Wheat, No. 2 Soft Red Winter (rail)	Wheat, No. 1 Hard Amber Durum (milling) (rail)	Wheat, No. 1 Dark Northern Spring (rail), 14% protein	Rye, No. 2, 20 day delivery (truck)		
	<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>
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	2.68	4.05	3.83	.....	2.98	2.41
2000	2.87	3.41	2.53	4.23	3.61	.....	3.02	2.39
2001	3.34	3.44	2.79	4.98	.....	2.69	3.43	2.61
2002	3.94	3.99	3.50	4.97	4.15	3.57	3.89	3.28
2003	3.86	3.97	3.60	5.30	4.26	3.09	3.69	3.47

Crop year ²	Chicago Wheat, No. 2 Soft Red Winter (rail)	Denver Wheat, No. 1 Hard Winter (rail)	S.W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	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>
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
2001	2.04	2.89	.....	.....	.....	.....	.....
2002	2.30	3.53	.....	.....	.....	.....	.....
2003	3.40	3.35	.....	20.82	.....	21.51	22.91

¹ Simple average of daily prices. ² For wheat and rye, crop year begins in June. For rice, crop year begins in August. AMS, Livestock and Grain Market News branch, (202) 720–6231.

Table 1-35.—Corn: Area, yield, production, and value, United States, 1994–2003¹

Year	Area planted, all purposes	Corn for grain					Corn for silage		
		Area harvested	Yield per harvested acre	Production	Marketing year average price per bushel	Value of production	Area harvested	Yield per harvested acre	Production
	<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>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>
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 ...	75,702	68,768	138.2	9,502,580	1.97	18,888,389	6,142	16.6	101,992
2002 ...	78,894	69,330	129.3	8,966,787	2.32	20,974,734	7,122	14.4	102,293
2003 ² ...	78,736	71,139	142.2	10,113,887	2.45	24,803,566	6,528	16.2	105,864

¹ Marketing year average price and value of production for 1998–2002 will be updated in a statistical bulletin to be released in October 2004. ² Preliminary. NASS, Crops Branch, (202) 720–2127.

Table 1-36.—Corn: Stocks on and off farms, United States, 1995–2004

Year beginning previous December	On farms				Off farms ²			
	Dec. 1	Mar. 1	Jun. 1	Sep. 1 ¹	Dec. 1	Mar. 1	Jun. 1	Sep. 1 ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
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	2,442,989	1,693,158	1,145,958
2002	5,275,000	3,355,000	2,020,600	586,800	2,989,715	2,440,263	1,576,290	1,009,626
2003	4,800,000	2,940,000	1,620,200	484,900	2,837,971	2,191,873	1,364,718	601,773
2004 ³	5,286,000	NA	NA	NA	2,658,779	NA	NA	NA

¹ Old crop only. ² Includes stocks at mills, elevators, warehouses, terminals, and processors. ³ Preliminary. NA—not available. NASS, Crops Branch, (202) 720–2127.

Table 1-37.—Corn: Area, yield, and production, by States, 2001–2003

State	Area planted for all purposes			Corn for grain								
	2001	2002	2003 ¹	Area harvested			Yield per harvested acre			Production		
				2001	2002	2003 ¹	2001	2002	2003 ¹	2001	2002	2003 ¹
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 ...	180	200	220	150	180	190	107.0	88.0	122.0	16,050	15,840	23,180
AZ ...	55	60	47	28	28	22	208.0	185.0	190.0	5,824	5,180	4,180
AR ...	190	265	365	185	255	350	145.0	134.0	140.0	26,825	34,170	49,000
CA ...	480	545	520	160	150	170	170.0	170.0	160.0	27,200	25,500	27,200
CO ...	1,220	1,200	1,080	1,070	720	890	140.0	150.0	135.0	149,800	108,000	120,150
CT ...	32	32	30	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
DE ...	170	180	170	162	167	162	146.0	84.0	123.0	23,652	14,028	19,926
FL ...	65	75	75	26	37	39	87.0	96.0	82.0	2,262	3,552	3,198
GA ...	265	340	340	220	290	285	134.0	110.0	129.0	29,480	31,900	36,765
ID ...	175	190	190	45	45	50	150.0	155.0	140.0	6,750	6,975	7,000
IL ...	11,000	11,100	11,200	10,850	10,900	11,050	152.0	135.0	164.0	1,649,200	1,471,500	1,812,200
IN ...	5,800	5,400	5,600	5,670	5,220	5,390	156.0	121.0	146.0	884,520	631,620	786,940
IA ...	11,700	12,200	12,400	11,400	11,850	12,000	146.0	163.0	157.0	1,664,400	1,931,550	1,884,000
KS ...	3,450	3,250	2,900	3,050	2,600	2,500	127.0	116.0	120.0	387,350	301,600	300,000
KY ...	1,200	1,160	1,170	1,100	1,070	1,080	142.0	104.0	137.0	156,200	111,280	147,960
LA ...	315	580	520	307	540	500	148.0	121.0	134.0	45,436	65,340	67,000
ME ...	28	29	28	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
MD ...	490	510	480	410	425	410	136.0	74.0	123.0	55,760	31,450	50,430
MA ...	22	22	20	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
MI ...	2,200	2,250	2,300	1,900	2,000	2,090	105.0	117.0	126.0	199,500	234,000	263,340
MN ...	6,800	7,200	7,200	6,200	6,700	6,650	130.0	157.0	146.0	806,000	1,051,900	970,900
MS ...	400	550	550	385	530	530	130.0	120.0	135.0	50,050	63,600	71,550
MO ...	2,700	2,800	2,900	2,600	2,700	2,800	133.0	105.0	108.0	345,800	283,500	302,400
MT ...	65	65	65	13	13	17	148.0	140.0	140.0	1,924	1,820	2,380
NE ...	8,100	8,400	8,100	7,750	7,350	7,700	147.0	128.0	146.0	1,139,250	940,800	1,124,200
NV ...	3	4	4	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
NH ...	15	15	15	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
NJ ...	80	90	80	66	70	61	112.0	61.0	113.0	7,392	4,270	6,893
NM ...	130	140	130	46	49	48	180.0	175.0	180.0	8,280	8,575	8,640
NY ...	1,030	1,020	1,000	540	460	440	105.0	97.0	121.0	56,700	44,620	53,240
NC ...	700	780	740	625	680	680	125.0	83.0	106.0	78,125	56,440	72,080
ND ...	880	1,230	1,450	705	995	1,170	115.0	114.0	112.0	81,075	113,430	131,040
OH ...	3,400	3,250	3,300	3,170	2,970	3,070	138.0	89.0	156.0	437,460	264,330	478,920
OK ...	250	240	230	210	190	190	125.0	130.0	125.0	26,250	24,700	23,750
OR ...	45	48	51	18	20	30	140.0	160.0	170.0	2,520	3,200	5,100
PA ...	1,450	1,400	1,450	960	840	890	98.0	68.0	115.0	94,080	57,120	102,350
RI ...	2	2	2	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
SC ...	260	320	240	240	260	215	108.0	47.0	105.0	25,920	12,220	22,575
SD ...	3,800	4,450	4,400	3,400	3,250	3,850	109.0	95.0	111.0	370,600	308,750	427,350
TN ...	680	690	710	610	610	630	132.0	107.0	131.0	80,520	65,270	82,530
TX ...	1,600	2,050	1,830	1,420	1,790	1,650	118.0	113.0	118.0	167,560	202,270	194,700
UT ...	60	57	55	15	16	13	142.0	142.0	155.0	2,130	2,272	2,015
VT ...	90	95	96	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
VA ...	470	500	470	330	325	330	123.0	68.0	115.0	40,590	22,100	37,950
WA ...	115	130	130	55	70	70	190.0	190.0	195.0	10,450	13,300	13,650
WV ...	50	50	48	26	30	27	120.0	105.0	115.0	3,120	3,150	3,105
WI ...	3,400	3,650	3,750	2,600	2,900	2,850	127.0	135.0	129.0	330,200	391,500	367,650
WY ...	90	80	85	51	35	50	125.0	119.0	129.0	6,375	4,165	6,450
US ...	75,702	78,894	78,736	68,768	69,330	71,139	138.2	129.3	142.2	9,502,580	8,966,787	10,113,887

¹ Preliminary. ² Not estimated.
NASS, Crops Branch, (202) 720–2127.

Table 1-38.—Corn: Supply and disappearance, United States, 1994–2003

Year beginning September 1	Supply				Disappearance					Ending stocks Aug. 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held ¹	Government	Total
					Feed and residual	Food, seed, and industrial	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
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	6,321	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	1,984	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	1,718	9,915	7	11,639	5,842	1,957	7,799	1,941	9,740	1,891	8	1,899
2001	1,899	9,506	10	11,415	5,868	2,046	7,915	1,905	9,820	1,590	6	1,596
2002 ²	1,596	9,008	14	10,619	5,599	2,340	7,939	1,592	9,532	1,082	5	1,087
2003 ³	1,087	10,114	10	11,211	5,800	2,510	8,310	2,000	10,310	898	3	901

¹ Includes quantity under loan and farmer-owned reserve. ² Preliminary. ³ Projected as of February 10, 2004, 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, 2001–2003

State	Silage								
	Area harvested			Yield per acre			Production		
	2001	2002	2003 ¹	2001	2002	2003 ¹	2001	2002	2003 ¹
1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	
AL	25	15	20	13.0	12.0	12.0	325	180	240
AZ	26	31	24	27.0	25.0	28.0	702	775	672
AR	3	5	8	12.0	14.0	15.0	36	70	120
CA	315	390	355	26.0	26.0	26.0	8,190	10,140	9,230
CO	115	150	90	23.0	18.0	21.0	2,645	2,700	1,890
CT	30	29	28	19.0	18.0	17.5	570	522	490
DE	7	10	5	18.0	14.0	16.0	126	140	80
FL	33	31	28	18.0	18.0	19.0	594	558	532
GA	40	40	45	18.0	17.0	17.0	720	680	765
ID	125	140	135	25.0	26.0	26.0	3,125	3,640	3,510
IL	115	115	110	16.0	15.0	15.0	1,840	1,725	1,650
IN	110	140	150	19.0	16.0	19.0	2,090	2,240	2,850
IA	230	270	330	18.5	19.0	20.0	4,255	5,130	6,600
KS	295	320	280	14.0	10.0	11.0	4,130	3,200	3,080
KY	95	85	80	19.0	16.0	18.0	1,805	1,360	1,440
LA	7	10	10	14.0	12.0	16.0	98	120	160
ME	25	26	25	19.0	17.0	18.0	475	442	450
MD	75	80	65	15.0	12.0	16.0	1,125	960	1,040
MA	19	18	17	21.0	19.0	19.0	399	342	323
MI	280	240	200	13.0	15.0	16.0	3,640	3,600	3,200
MN	500	400	475	14.0	17.0	14.0	7,000	6,800	6,650
MS	13	15	10	11.0	15.0	15.0	143	225	150
MO	70	70	80	16.0	13.0	10.5	1,120	910	840
MT	51	49	47	22.0	22.0	24.0	1,122	1,078	1,128
NE	275	450	300	17.0	10.5	12.0	4,675	4,725	3,600
NV	3	4	4	22.0	20.0	23.0	66	80	92
NH	14	14	14	21.0	19.5	19.5	294	273	273
NJ	13	18	18	16.0	11.0	15.0	208	198	270
NM	82	90	80	23.0	24.0	23.0	1,886	2,160	1,840
NY	485	550	550	16.0	14.0	17.5	7,760	7,700	9,625
NC	72	75	55	19.0	12.0	16.0	1,368	900	880
ND	155	180	220	11.0	7.0	6.8	1,705	1,260	1,496
OH	170	250	170	17.0	10.0	19.0	2,890	2,500	3,230
OK	27	29	24	17.0	19.0	18.0	459	551	432
OR	26	26	20	21.0	23.0	22.0	546	598	440
PA	470	540	550	16.0	11.5	14.5	7,520	6,210	7,975
RI	2	2	2	20.0	16.5	18.0	40	33	36
SC	15	15	7	20.0	12.0	15.0	300	180	105
SD	370	870	470	10.5	6.5	8.5	3,885	5,655	3,995
TN	65	65	50	19.0	15.0	17.0	1,235	975	850
TX	130	130	120	17.0	18.5	18.0	2,210	2,405	2,160
UT	44	40	41	21.0	21.0	21.0	924	840	861
VT	85	91	88	19.0	16.0	18.5	1,615	1,456	1,628
VA	135	155	135	15.5	11.5	17.5	2,093	1,783	2,363
WA	60	60	60	26.0	26.0	25.0	1,560	1,560	1,500
WV	23	19	19	17.0	16.5	15.5	391	314	295
WI	780	730	880	14.5	16.0	16.0	11,310	11,680	14,080
WY	37	40	34	21.0	18.0	22.0	777	720	748
US	6,142	7,122	6,528	16.6	14.4	16.2	101,992	102,293	105,864

¹ Preliminary.

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

Table 1-40.—Corn for grain: Marketing year average price and value, by States, crop of 2001, 2002, and 2003¹

State	Marketing year average price per bushel			Value of production		
	2001	2002	2003 ²	2001	2002	2003 ²
	<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	2.35	2.72	2.35	37,718	43,085	54,473
AZ	2.79	3.14	3.20	16,249	16,265	13,376
AR	2.02	2.43	2.40	54,187	84,661	117,600
CA	2.45	2.73	2.85	66,640	69,615	77,520
CO	2.13	2.53	2.55	319,074	284,170	306,383
DE	2.15	2.85	2.80	50,852	39,504	55,793
FL	2.25	2.60	2.55	5,090	8,486	8,155
GA	2.32	2.70	2.35	68,394	90,045	86,398
ID	2.64	2.91	2.95	17,820	23,280	20,650
IL	2.04	2.35	2.50	3,364,368	3,515,600	4,530,500
IN	1.98	2.41	2.50	1,751,350	1,522,204	1,967,350
IA	1.90	2.22	2.40	3,162,360	4,358,970	4,521,600
KS	2.03	2.48	2.55	786,321	719,200	765,000
KY	2.08	2.58	2.55	324,896	273,686	377,298
LA	2.20	2.40	2.40	99,959	163,968	160,800
MD	2.18	2.85	2.75	121,557	92,055	138,683
MI	1.97	2.34	2.40	393,015	543,582	632,016
MN	1.90	2.15	2.35	1,531,400	2,261,585	2,281,615
MS	1.99	2.33	2.25	99,600	154,363	160,988
MO	1.96	2.45	2.50	677,768	694,575	756,000
MT	1.89	2.45	2.65	3,636	4,459	6,307
NE	1.94	2.32	2.45	2,210,145	2,182,656	2,754,290
NJ	2.09	2.77	2.75	15,449	11,246	18,956
NM	2.40	2.84	2.90	19,872	25,049	25,056
NY	2.51	2.87	2.80	142,317	125,276	149,072
NC	2.36	2.89	2.70	184,375	167,909	194,616
ND	1.87	2.16	2.35	151,610	247,158	307,944
OH	2.00	2.48	2.45	874,920	626,349	1,173,354
OK	2.10	2.45	2.50	55,125	60,515	59,375
OR	2.54	2.88	3.00	6,401	8,942	15,300
PA	2.33	2.97	2.90	226,057	175,705	296,815
SC	2.20	2.70	2.55	57,024	32,292	57,566
SD	1.75	2.17	2.25	648,550	659,680	961,538
TN	2.06	2.58	2.35	168,590	171,157	193,946
TX	2.29	2.57	2.60	383,712	528,546	506,220
UT	2.85	3.18	3.00	6,071	6,455	6,045
VA	2.14	2.73	2.60	86,863	54,955	98,670
WA	2.56	2.84	2.90	26,752	37,772	39,585
WV	2.29	2.85	2.65	7,145	8,978	8,228
WI	1.97	2.22	2.40	650,494	869,130	882,360
WY	2.30	2.60	2.50	14,663	11,606	16,125
US	1.97	2.32	2.45	18,888,389	20,974,734	24,803,566

¹ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ² Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 1-41.—Corn: Area, yield, and production in specified countries, 2000/2001–2002/2003¹

Continent and country	Area ²			Yield per hectare			Production		
	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³
	<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	1,088	1,267	1,280	6.27	6.62	7.01	6,827	8,389	8,975
Mexico	7,144	7,780	7,100	2.51	2.62	2.65	17,917	20,400	18,800
United States	29,316	27,846	28,050	8.59	8.67	8.16	251,854	241,485	228,805
Total	37,548	36,893	36,430	7.37	7.33	7.04	276,598	270,274	256,580
Central America:									
Costa Rica	5	7	7	2.00	1.71	1.71	10	12	12
El Salvador	260	294	260	2.23	1.92	2.29	581	564	595
Guatemala	835	590	620	1.44	1.78	1.77	1,200	1,050	1,100
Honduras	379	320	300	1.43	1.31	1.67	542	420	500
Nicaragua	327	333	322	1.26	1.20	1.30	411	399	417
Panama	13	11	15	2.85	3.64	3.07	37	40	46
Total	1,819	1,555	1,524	1.53	1.60	1.75	2,781	2,485	2,670

See footnotes at end of table.

Table 1-41.—Corn: Area, yield, and production in specified countries, 2000/2001–2002/2003¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³
	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
South America:									
Argentina	2,818	2,450	2,450	5.46	6.00	6.33	15,400	14,700	15,500
Bolivia	175	300	300	1.71	2.17	2.17	300	650	650
Brazil	12,872	11,827	13,000	3.20	3.00	3.46	41,536	35,501	45,000
Chile	82	87	110	9.49	10.82	10.82	778	924	1,190
Colombia	530	537	553	2.04	2.07	2.07	1,080	1,110	1,145
Ecuador	196	170	170	2.63	1.44	1.65	516	245	280
Guyana	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay	406	400	400	2.33	2.64	2.50	947	1,056	1,000
Peru	510	565	512	2.41	2.37	2.65	1,230	1,340	1,355
Uruguay	62	49	38	4.31	3.33	4.71	267	163	179
Venezuela	450	450	400	2.56	2.56	2.75	1,150	1,150	1,100
Total	18,206	16,840	17,938	3.47	3.38	3.76	63,209	56,844	67,404
Caribbean:									
Cuba	75	75	75	0.93	0.93	0.93	70	70	70
Dominican Rep.	30	28	30	1.27	1.29	1.27	38	36	38
Haiti	350	350	350	0.86	0.86	0.86	300	300	300
Jamaica & Dep.	4	4	4	0.50	0.50	0.50	2	2	2
Trinidad	3	3	3	1.67	1.67	1.67	5	5	5
Total	462	460	462	0.90	0.90	0.90	415	413	415
European Union:									
Austria	188	195	190	9.85	9.08	10.21	1,852	1,771	1,940
Belgium-Luxembourg	36	41	48	11.03	11.34	11.15	397	465	535
France	1,766	1,914	1,831	9.10	8.57	8.98	16,073	16,408	16,440
Germany	361	397	399	9.21	8.83	9.37	3,324	3,505	3,738
Greece	135	120	140	7.90	10.00	9.64	1,067	1,200	1,350
Italy	1,064	1,109	1,112	9.53	9.52	9.50	10,140	10,554	10,564
Netherlands	20	27	30	10.00	8.85	9.00	200	239	270
Portugal	152	155	139	5.74	5.85	5.68	873	907	789
Spain	425	504	463	9.17	9.84	9.64	3,897	4,957	4,463
Total	4,147	4,462	4,352	9.12	8.97	9.21	37,823	40,006	40,089
EU Accession Countries:									
Czech Republic	45	62	80	6.76	6.60	6.88	304	409	550
Hungary	1,190	1,300	1,150	4.20	5.85	5.22	5,000	7,600	6,000
Poland	152	224	305	6.07	6.08	6.39	923	1,362	1,950
Slovakia	120	140	138	3.67	5.14	5.07	440	720	700
Slovenia	44	45	45	7.00	7.44	7.33	308	335	330
Total	1,551	1,771	1,718	4.50	5.89	5.55	6,975	10,426	9,530
Other Europe:									
Albania	60	60	60	3.33	3.33	3.33	200	200	200
Bosnia-Herzegovina	208	213	228	2.28	3.00	4.00	475	640	912
Bulgaria	380	340	280	1.97	2.56	3.57	750	870	1,000
Croatia	350	380	389	5.29	5.55	6.17	1,850	2,110	2,400
Macedonia (Skopje)	45	45	45	2.78	2.22	3.33	125	100	150
Romania	2,860	2,910	2,666	1.68	2.41	2.74	4,800	7,000	7,300
Serbia and Montenegro	1,207	1,200	1,200	2.44	4.50	4.83	2,944	5,400	5,800
Switzerland	22	24	25	9.95	9.25	8.80	219	222	220
Total	5,132	5,172	4,893	2.21	3.20	3.68	11,363	16,542	17,982
Fmr. Soviet Union:									
Azerbaijan	32	30	30	3.13	3.33	3.33	100	100	100
Georgia	178	200	200	1.52	1.50	2.00	270	300	400
Kazakhstan	75	100	135	3.33	3.20	3.22	250	320	435
Kyrgyzstan	60	75	70	5.67	5.87	6.14	340	440	430
Moldova	420	470	450	2.45	2.34	2.67	1,030	1,100	1,200
Russian Fed.	800	700	550	1.94	1.14	2.82	1,550	800	1,550
Tajikistan	11	13	13	2.27	1.92	3.85	25	25	50
Turkmenistan	25	25	25	2.00	2.00	2.00	50	50	50
Ukraine	1,279	1,123	1,200	3.01	3.24	3.50	3,848	3,641	4,200
Uzbekistan	20	15	15	2.75	2.00	2.00	55	30	30
Total	2,900	2,751	2,688	2.59	2.47	3.14	7,518	6,806	8,445
Africa:									
Algeria	1	1	1	1.00	1.00	1.00	1	1	1
Angola	690	700	815	0.58	0.68	0.52	400	475	425
Benin	600	600	600	1.10	1.10	1.25	660	660	750
Botswana	30	30	30	0.30	0.07	0.33	9	2	10
Burkina Faso	250	250	250	1.70	2.00	2.10	425	500	525
Burundi	112	115	115	1.07	1.04	1.00	120	120	115
Cameroon	350	350	350	2.43	2.29	2.36	850	800	825
Cape Verde	52	30	30	0.48	0.67	0.17	25	20	5
Central African Republic	90	90	90	1.11	1.00	0.89	100	90	80
Chad	130	130	130	0.58	0.69	0.58	75	90	75
Congo (Brazzaville)	30	30	30	0.67	0.67	0.67	20	20	20
Congo, Democratic Rep.	1,350	1,350	1,350	0.88	0.87	0.78	1,185	1,170	1,050
Cote d'Ivoire	690	690	600	0.91	0.91	0.92	625	625	550
Egypt	705	770	735	7.99	8.00	8.00	5,636	6,160	5,880

See footnotes at end of table.

Table 1-41.—Corn: Area, yield, and production in specified countries, 2000/2001–2002/2003¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued									
Eritrea	20	12	11	0.70	0.75	0.36	14	9	4
Ethiopia	1,830	1,975	1,780	1.71	1.65	1.17	3,130	3,250	2,085
Gambia, The	15	17	18	1.47	1.71	1.17	22	29	21
Ghana	700	710	700	1.45	1.32	1.57	1,015	940	1,100
Guinea	90	90	90	1.00	1.00	1.00	90	90	90
Guinea-Bissau	15	15	15	1.80	1.80	1.67	27	27	25
Kenya	1,570	1,690	1,500	1.38	1.65	1.62	2,160	2,792	2,430
Lesotho	110	120	90	1.00	0.83	0.39	110	100	35
Madagascar	185	190	190	0.86	0.92	0.92	160	175	175
Malawi	1,450	1,490	1,570	1.10	1.03	1.26	1,590	1,540	1,980
Mauritania	13	13	7	0.77	0.77	0.86	10	10	6
Morocco	254	250	250	0.21	0.80	0.80	54	200	200
Mozambique	1,275	1,320	1,400	0.90	0.94	0.89	1,150	1,240	1,250
Nigeria	3,200	3,400	3,500	1.25	1.47	1.49	4,000	5,000	5,200
Rwanda	75	75	80	0.80	1.07	1.06	60	80	85
Senegal	100	90	80	0.90	1.28	0.88	90	115	70
Sierra Leone	10	10	10	1.00	1.00	1.00	10	10	10
Somalia	180	200	320	0.83	0.50	0.63	150	100	200
South Africa, Republic	3,225	3,533	3,575	2.49	2.84	2.57	8,040	10,050	9,200
Swaziland	68	57	60	1.03	1.28	1.13	70	73	68
Tanzania, United Rep.	2,010	2,000	1,900	1.27	1.35	1.37	2,550	2,700	2,600
Togo	380	380	380	1.28	1.28	1.32	485	485	500
Tunisia	1	1	1	1.00	1.00	1.00	1	1	1
Uganda	630	630	600	1.27	1.27	1.25	800	800	750
Zambia	580	575	690	1.38	1.04	1.68	800	600	1,160
Zimbabwe	1,223	1,400	1,400	1.20	0.36	0.57	1,467	500	800
Total	24,289	25,379	25,343	1.57	1.64	1.59	38,186	41,649	40,356
Asia:									
Afghanistan	96	80	100	1.20	2.00	3.00	115	160	300
Bhutan	45	45	45	1.56	1.56	1.56	70	70	70
Burma	210	250	300	1.71	2.10	2.17	359	524	650
Cambodia	57	67	70	2.75	2.78	2.40	157	186	168
China, People's Republic of	23,056	24,282	24,634	4.60	4.70	4.92	106,000	114,088	121,300
India	6,557	6,870	6,300	1.84	1.97	1.76	12,068	13,510	11,100
Indonesia	3,000	3,000	3,050	1.97	2.00	2.00	5,900	6,000	6,100
Japan	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Democratic People's Rep	525	520	495	2.57	2.88	3.33	1,350	1,500	1,650
Korea, Rep. of	16	14	17	4.00	4.07	4.29	64	57	73
Malaysia	21	22	23	3.10	3.09	3.04	65	68	70
Mali	175	280	280	1.29	1.57	1.43	225	440	400
Nepal	880	880	880	1.70	1.70	1.70	1,500	1,500	1,500
Pakistan	870	875	875	1.44	1.43	1.46	1,250	1,250	1,275
Philippines	2,484	2,485	2,375	1.81	1.81	1.81	4,508	4,505	4,300
Taiwan	14	11	10	4.21	5.45	5.00	59	60	50
Thailand	1,210	1,180	1,134	3.88	3.81	3.70	4,700	4,500	4,200
Vietnam	730	727	810	2.75	2.91	2.86	2,005	2,112	2,313
Total	39,947	41,589	41,399	3.51	3.62	3.76	140,396	150,531	155,520
Middle East:									
Iran	100	100	120	4.50	4.50	5.42	450	450	650
Iraq	60	50	50	0.92	1.00	1.20	55	50	60
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	50	50	50	3.00	3.00	2.50	150	150	125
Turkey	550	525	550	3.82	3.81	3.82	2,100	2,000	2,100
Yemen	35	35	35	1.43	1.43	1.43	50	50	50
Total	801	766	811	3.51	3.53	3.69	2,812	2,707	2,992
Oceania:									
Australia	75	93	60	4.73	5.60	5.27	355	521	316
New Zealand	15	15	15	9.67	9.67	9.67	145	145	145
Total	90	108	75	5.56	6.17	6.15	500	666	461
World total	136,892	137,746	137,633	4.30	4.35	4.38	588,576	599,349	602,444

¹ 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. ² Harvested area as far as possible. ³ 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, 2001–2003¹

Country	2000/2001	2001/2002	2002/2003 ²
	<i>1,000 metric tons</i>	<i>1,000 Metric tons</i>	<i>1,000 metric tons</i>
Exports:			
Argentina	12,229	8,581	12,349
Brazil	3,741	3,857	3,181
Canada	127	211	306
China	7,276	8,611	15,244
Hungary	730	2,751	1,533
Romania	50	135	144
South Africa	1,415	1,182	1,141
Thailand	407	184	137
Ukraine	397	349	811
EU	266	63	200
Others	1,491	1,259	1,798
Subtotal	28,129	27,183	36,844
United States	48,329	47,271	41,177
Total	76,458	74,454	78,021
Imports:			
Algeria	1,500	1,537	1,643
Brazil	671	297	521
Canada	2,843	4,022	3,836
Chile	1,362	1,278	933
China	89	39	29
Colombia	1,857	1,911	2,100
Costa Rica	513	463	514
Dominican Republic	233	302	175
Ecuador	968	1,038	906
Egypt	149	309	304
Guatemala	5,268	4,905	4,864
Indonesia	549	584	513
Iran	1,280	1,149	1,600
Israel	1,265	1,261	2,157
Japan	993	1,021	775
Jordan	16,340	16,395	16,868
Korea, North	454	439	406
Korea, South	688	288	144
Malaysia	8,743	8,621	8,786
Mexico	2,588	2,425	2,408
Morocco	5,928	4,076	5,284
Peru	966	829	1,054
Philippines	861	858	917
Poland	246	263	68
Russia	222	123	137
Saudi Arabia	150	534	99
South Africa	1,389	1,268	1,424
Syria	0	726	617
Taiwan	794	892	919
Tunisia	4,924	4,661	4,758
Turkey	776	793	734
Venezuela	608	1,193	1,475
Zimbabwe	1,207	515	675
EU	50	310	625
O.W. Europe	2,857	2,906	3,800
United States	179	202	374
Subtotal	69,510	68,433	72,442
Other Countries	5,962	5,029	4,840
Unaccounted	986	992	739
World Total	76,458	74,454	78,021

¹ Year beginning Oct 1. ² 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, 1994–2003

Marketing year beginning September 1	Income support payment rates per bushel ¹	Program price levels per bushel		Put under loan ⁴		Acquired by CCC under loan program ⁵	Owned by CCC at end of marketing year
		Loan ²	Target ³	Quantity	Percentage of production		
	Dollars	Dollars	Dollars	Million bushels	Percent	Million bushels	Million bushels
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	0.25	1.89	NA	970	10.5	0	2
1997/98	0.49	1.89	NA	1,141	12.4	2	4
1998/99	0.56	1.89	NA	1,775	18.2	24	12
1999/2000	0.73	1.89	NA	1,421	15.1	23	14
2000/2001	0.70	1.89	NA	1,394	14.1	31	8
2001/2002	0.58	1.89	NA	1,395	14.7	24	6
2002/2003	0.28/0.00	1.98	2.60	1,367	15.2	1	4
2003/2004	0.28/--	1.98	2.60	.....	.....	.....	.....

¹ Payment rates for the 1995/96 and prior crop years were calculated according to the deficiency payment/production adjustment program provisions. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the Production Flexibility Contract (PFC) program provisions of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and include supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the Direct and Counter-cyclical program provisions, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest cent. Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate. ² The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. ³ Between the 1996/97 and 2001/2002 marketing years, target prices were not longer applicable; however, target prices were reestablished under the 2002 Act. ⁴ 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. Excludes quantity on which loan deficiency payments were made. ⁵ Acquisition of all loans forfeited during the marketing year. For 2002/2003, as of September 30, 2003. NA-not applicable.

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

Table 1-44.—Corn: United States exports, specified by country of destination, 2000/2001–2002/2003¹

Country of destination	Year		
	2000/2001	2001/2002	2002/2003
	1,000 metric tons	1,000 metric tons	1,000 metric tons
Japan	14,092	14,818	14,514
Mexico	6,017	4,076	5,284
Taiwan	4,894	4,599	4,220
Canada	2,830	4,010	3,835
Egypt	4,116	4,283	2,920
Colombia	1,657	1,696	1,607
Algeria	1,180	1,343	1,009
Turkey	526	748	981
Dominican Republic	950	1,038	905
Venezuela	1,155	504	652
Syria	583	767	538
Costa Rica	481	463	514
Guatemala	489	581	466
El Salvador	463	289	388
Israel	622	847	313
Cuba .....	.....	224	279
Korea, South	3,116	1,088	274
Panama	249	237	272
Saudi Arabia	1,004	700	222
Jamaica	221	241	218
Other	3,684	4,719	1,766
Total	48,329	47,271	41,177

¹ 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, 1994–2003

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers ²	Value of production ²
	Planted ¹	Harvested				
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
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	4,891	2,752	60.2	165,768	1.10	199,748
1999	4,668	2,445	59.6	145,628	1.12	175,172
2000	4,473	2,325	64.2	149,165	1.10	175,797
2001	4,401	1,911	61.5	117,602	1.59	195,711
2002	4,995	2,058	56.4	116,002	1.81	216,127
2003 ³	4,601	2,224	65.0	144,649	1.45	217,962

¹Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall. ²Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ³Preliminary.

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

Table 1-46.—Oats: Stocks on and off farms, United States, 1994–2003

Year beginning September	On farms				Off farms ¹			
	Sep. 1	Dec. 1	Mar. 1	Jun. 1	Sep. 1	Dec. 1	Mar. 1	Jun. 1
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	74,800	58,100	40,200	28,650	41,592	56,117	53,158	34,552
2002	70,500	52,500	35,000	20,600	41,212	51,284	47,879	29,233
2003 ²	82,100	64,300	NA	NA	49,637	54,918	NA	NA

¹Includes stocks at mills, elevators, warehouses, terminals, and processors. ²Preliminary. NA-not available.

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

Table 1-47.—Oats: Supply and disappearance, United States, 1994–2003

Year beginning June 1	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held ¹	Government	Total
					Feed and residual	Food, seed and industrial	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
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 ..	76	150	106	332	189	68	257	2	259	73	0	73
2001 ..	73	117	96	286	148	72	220	3	223	63	0	63
2002 ² ..	63	119	95	277	152	72	224	3	227	50	0	50
2003 ³ ..	50	145	90	284	135	73	208	2	210	74	0	74

¹Includes quantity under loan and farmer-owned reserve. ²Preliminary. ³Projected as of February 10, 2004, 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, 1994–2003

Marketing Year beginning June 1	Income support payment rates per bushel ¹	Program price levels per bushel		Put under loan ⁴		Acquired by CCC under loan program ⁵	Owned by CCC at end of marketing year
		Loan ²	Target ³	Quantity	Percentage of production		
	Dollars	Dollars	Dollars	Million bushels	Percent	Million bushels	Million bushels
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	0.03	1.03	NA	1.5	1.0	0.0	0.0
1997/98	0.03	1.11	NA	2.4	1.4	0.1	0.0
1998/99	0.05	1.11	NA	4.6	2.8	0.8	0.0
1999/2000	0.06	1.13	NA	1.7	1.2	0.1	0.0
2000/2001	0.06	1.16	NA	1.7	1.1	0.1	0.0
2001/2002	0.05	1.21	NA	1.7	1.5	0.0	0.0
2002/2003	0.02/0.00	1.35	1.40	2.0	1.7	0.0	0.0
2003/2004	0.02/---	1.35	1.40	.....	.....	.....	.....

¹ Payment rates for the 1995/96 and prior crop years were calculated according to the deficiency payment/production adjustment program provisions. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the Production Flexibility Contract (PFC) program provisions of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and include supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the Direct and Counter-cyclical program provisions, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest cent. Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate. ² The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. ³ Between the 1996/97 and 2001/2002 marketing years, target prices were not longer applicable; however, target prices were reestablished under the 2002 Act. ⁴ 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. Excludes quantity on which loan deficiency payments were made. ⁵ Acquisition of all loans forfeited during the marketing year. For 2002/2003, as of September 30, 2003. NA-not applicable.

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

Table 1-49.—Oats: Area, yield, and production, by States, 2001–2003

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
	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
CA	260	260	260	25	32	35	60.0	82.0	80.0	1,500	2,624	2,800
CO	80	65	100	32	8	15	60.0	50.0	65.0	1,920	400	975
GA	100	90	100	35	25	30	65.0	60.0	56.0	2,275	1,500	1,680
ID	130	125	120	20	25	25	68.0	70.0	65.0	1,360	1,750	1,625
IL	60	65	60	40	45	50	80.0	73.0	89.0	3,200	3,285	4,450
IN	25	20	25	16	14	15	80.0	62.0	70.0	1,280	868	1,050
IA	240	290	220	130	175	130	70.0	76.0	83.0	9,100	13,300	10,790
KS	100	140	140	40	60	70	53.0	52.0	65.0	2,120	3,120	4,550
ME	31	28	31	29	27	30	75.0	85.0	78.0	2,175	2,295	2,340
MI	70	80	90	55	65	75	64.0	64.0	70.0	3,520	4,160	5,250
MN	300	420	350	210	265	265	60.0	56.0	71.0	12,600	14,840	18,815
MO	40	65	30	20	35	18	50.0	51.0	67.0	1,000	1,785	1,206
MT	130	135	120	60	50	45	44.0	46.0	44.0	2,640	2,300	1,980
NE	155	175	220	60	55	90	61.0	43.0	73.0	3,660	2,365	6,570
NY	95	75	85	80	65	70	69.0	64.0	63.0	5,520	4,160	4,410
NC	60	65	55	28	25	22	56.0	55.0	59.0	1,568	1,375	1,298
ND	575	670	620	240	300	360	62.0	42.0	59.0	14,880	12,600	21,240
OH	100	70	80	85	55	60	73.0	61.0	66.0	6,205	3,355	3,960
OK	55	85	70	10	20	25	38.0	37.0	36.0	380	740	900
OR	55	70	60	25	30	20	77.0	84.0	75.0	1,925	2,520	1,500
PA	150	140	140	115	115	110	65.0	61.0	59.0	7,475	7,015	6,490
SC	50	50	40	25	25	20	57.0	46.0	56.0	1,425	1,150	1,120
SD	350	470	420	130	120	230	60.0	45.0	68.0	7,800	5,400	15,640
TX	725	750	625	160	140	140	45.0	44.0	45.0	7,200	6,160	6,300
UT	60	60	65	6	4	6	65.0	85.0	82.0	390	340	492
WA	30	32	35	12	13	15	55.0	65.0	50.0	660	845	750
WI	300	430	380	195	250	230	64.0	60.0	67.0	12,480	15,000	15,410
WY	75	70	60	28	15	23	48.0	50.0	46.0	1,344	750	1,058
US	4,401	4,995	4,601	1,911	2,058	2,224	61.5	56.4	65.0	117,602	116,002	144,649

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

Table 1-50.—Oats: Marketing year average price and value, by States, crop of 2001, 2002, and 2003¹

State	Marketing year average price per bushel			Value of production		
	2001	2002	2003 ²	2001	2002	2003 ²
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
CA	2.25	2.90	1.95	2,025	6,264	5,460
CO	2.20	2.90	2.10	4,224	1,160	2,048
GA	1.75	2.10	1.70	3,981	3,150	2,856
ID	1.60	1.80	1.50	2,176	3,150	2,438
IL	1.81	1.77	1.65	5,792	6,107	7,343
IN	1.85	1.85	1.90	2,368	1,606	1,995
IA	1.54	1.78	1.50	14,014	23,674	16,185
KS	1.70	1.89	1.45	3,604	5,897	6,598
ME	1.10	1.45	1.05	2,558	3,785	2,457
MI	1.80	1.80	1.60	6,336	7,488	8,400
MN	1.53	1.65	1.30	19,278	26,334	24,460
MO	1.60	1.85	1.65	1,600	3,108	1,990
MT	1.96	2.02	1.70	4,704	5,444	3,366
NE	1.59	2.00	1.50	5,819	4,730	9,855
NY	1.62	1.92	1.75	8,942	6,970	7,718
NC	1.65	1.90	1.85	2,772	3,791	2,401
ND	1.63	1.68	1.30	24,254	21,437	27,612
OH	1.80	1.76	1.80	11,169	6,547	7,128
OK	1.75	2.10	1.90	665	2,331	1,710
OR	1.96	2.36	2.00	3,773	6,230	3,000
PA	1.72	2.08	1.75	12,857	14,591	11,358
SC	1.75	1.90	1.75	2,494	2,451	1,960
SD	1.67	1.99	1.30	13,026	8,955	20,332
TX	2.20	1.72	2.25	15,840	12,109	14,175
UT	2.25	2.55	2.35	878	1,148	1,156
WA	1.70	1.75	1.60	1,122	1,138	1,200
WI	1.38	1.65	1.35	17,222	24,750	20,804
WY	1.65	2.20	1.85	2,218	1,782	1,957
US	1.59	1.81	1.45	195,711	216,127	217,962

¹ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ² Preliminary.

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

Table 1-51.—Oats: Area, yield, and production in specified countries, 2000/2001–2002/2003¹

Continent and country	Area ²			Yield per hectare			Production		
	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³
	<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	1,299	1,238	1,379	2.61	2.17	2.11	3,389	2,691	2,911
Mexico	100	100	100	1.00	1.00	1.00	100	100	100
United States	943	771	847	2.30	2.20	2.03	2,171	1,699	1,722
Total	2,342	2,109	2,326	2.42	2.13	2.03	5,660	4,490	4,733
South America:									
Argentina	335	387	321	1.93	1.67	1.51	645	645	485
Brazil	249	257	240	1.33	1.08	1.46	330	277	350
Chile	90	93	105	3.83	4.47	3.38	345	416	355
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	12	0.33	0.33	1.42	30	30	17
Total	768	831	682	1.76	1.65	1.78	1,355	1,373	1,212
European Union:									
Austria	33	31	35	3.52	4.13	3.60	116	128	126
Belgium	7	9	8	5.00	4.67	5.50	35	42	44
Denmark	45	60	55	5.18	4.87	5.02	233	292	276
Finland	399	417	450	3.54	3.09	3.35	1,413	1,287	1,508
France	103	118	153	4.46	4.11	5.05	459	485	773
Germany	237	233	233	4.59	4.94	4.36	1,087	1,151	1,016
Greece	45	45	45	2.27	2.20	2.20	102	99	99
Ireland	20	17	19	6.75	6.94	7.00	135	118	133
Italy	141	140	151	2.26	2.21	2.18	318	310	329
Netherlands	2	3	2	6.50	4.67	6.50	13	14	13

See footnotes at end of table.

Table 1-51.—Oats: Area, yield, and production in specified countries, 2000/2001–2002/2003¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³	2000/ 2001	2001/ 2002	2002/ 2003 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe, cont.:									
Portugal	85	61	65	1.32	0.61	0.94	112	37	61
Spain	427	441	473	2.23	1.49	1.94	952	659	916
Sweden	291	272	288	3.96	3.54	4.10	1,151	964	1,181
United Kingdom	109	112	126	5.87	5.54	5.98	640	621	753
Total	1,944	1,959	2,103	3.48	3.17	3.44	6,766	6,207	7,228
EU Accession Countries:									
Czech Republic	50	48	61	2.72	2.83	2.75	136	136	168
Estonia	53	48	38	2.21	1.94	1.76	117	93	67
Hungary	60	60	60	1.67	2.50	2.30	100	150	138
Latvia	46	55	47	1.74	1.31	1.64	80	72	77
Lithuania	44	45	55	1.89	1.67	1.78	83	75	98
Poland	566	531	591	1.89	2.46	2.50	1,070	1,305	1,480
Slovakia	21	17	20	1.19	2.65	2.15	25	45	43
Slovenia	2	2	2	3.00	3.00	3.00	6	6	6
Total	842	806	874	1.92	2.33	2.38	1,617	1,882	2,077
Other Europe:									
Albania	20	20	20	0.75	0.75	0.75	15	15	15
Bosnia-Herzegovina	26	26	26	2.19	2.08	2.12	57	54	55
Bulgaria	35	35	35	1.43	1.43	1.43	50	50	50
Croatia	24	24	24	2.38	1.96	2.08	57	47	50
Macedonia (Skopje)	3	3	3	1.33	1.33	1.33	4	4	4
Norway	94	83	90	4.22	4.01	4.44	397	333	400
Romania	225	225	225	1.56	1.56	1.56	350	350	350
Serbia and Montenegro	63	65	65	1.52	1.92	1.92	96	125	125
Switzerland	7	7	7	5.00	5.00	5.00	35	35	35
Total	497	488	495	2.13	2.08	2.19	1,061	1,013	1,084
Fmr. Soviet Union:									
Belarus	300	300	250	1.73	2.00	2.40	520	600	600
Georgia	5	5	7	1.00	1.00	0.71	5	5	5
Kazakhstan	100	100	100	0.80	2.18	1.00	80	218	100
Kyrgyzstan	3	3	3	2.67	2.67	2.67	8	8	8
Moldova	1	0	0	1.00	0.00	0.00	1	0	0
Russian Fed.	4,500	4,900	4,400	1.33	1.57	1.30	6,000	7,700	5,700
Ukraine	481	559	500	1.83	2.00	1.90	881	1,116	950
Total	5,390	5,867	5,260	1.39	1.64	1.40	7,495	9,647	7,363
Turkey	145	145	145	1.72	1.72	1.72	250	250	250
Africa:									
Algeria	15	50	50	0.53	0.88	0.70	8	44	35
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	755	790	790	0.11	0.15	0.14	83	119	110
Asia:									
China, People's Republic	500	500	500	1.20	1.20	1.20	600	600	600
Japan	1	1	1	2.00	1.00	2.00	2	1	2
Total	501	501	501	1.20	1.20	1.20	602	601	602
Oceania:									
Australia	698	773	718	1.50	1.86	1.01	1,050	1,439	725
New Zealand	20	20	20	3.75	3.75	3.75	75	75	75
Total	718	793	738	1.57	1.91	1.08	1,125	1,514	800
World total	13,902	14,289	13,914	1.87	1.90	1.83	26,014	27,096	25,459

¹ 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. ² Harvested area as far as possible. ³ 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, 1994–2003

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers ²	Value of production ²
	Planted ¹	Harvested				
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
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	6,325	5,854	60.1	351,569	1.98	686,517
1999	4,983	4,573	59.5	271,996	2.13	597,038
2000	5,801	5,200	61.1	317,804	2.11	649,130
2001	4,951	4,273	58.1	248,329	2.22	536,582
2002	5,008	4,123	55.0	226,906	2.72	603,796
2003 ³	5,299	4,688	58.9	276,087	2.90	765,783

¹ Barley sown for all purposes, including barley sown in the preceding fall. ² Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ³ Preliminary.

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

Table 1-53.—Barley: Stocks on and off farms, United States, 1994–2003

Year beginning September	On farms				Off farms ¹			
	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
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	119,721	110,917	85,924
2000	151,700	111,500	58,600	28,850	142,341	117,369	103,544	77,409
2001	134,800	92,400	46,000	23,210	110,564	102,587	95,748	68,919
2002	131,300	83,400	36,730	14,860	92,419	86,601	86,710	54,480
2003 ²	141,900	97,200	NA	NA	99,730	100,684	NA	NA

¹ Includes stocks at mills, elevators, warehouses, terminals, and processors. ² Preliminary. NA-not available.

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

Table 1-54.—Barley: Supply and disappearance, United States, 1994–2003

Year beginning June 1	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held ¹	Government	Total
					Feed and residual	Food, seed, and industrial	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
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	111	319	29	459	123	172	295	58	353	106	0	106
2001	106	249	24	380	88	172	260	26	287	93	0	93
2002 ²	93	227	18	338	65	173	238	30	269	69	0	69
2003 ³	69	276	15	360	65	172	237	25	262	98	0	98

¹ Includes quantity under loan and farmer-owned reserve. ² Preliminary. ³ Projected as of February 10, 2004, 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, 2001–2003

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	2001	2002	2003 ²	2001	2002	2003 ²	2001	2002	2003 ²	2001	2002	2003 ²
	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	42	46	32	40	40	30	110.0	110.0	118.0	4,400	4,400	3,540
CA	160	130	100	110	75	58	53.0	71.0	64.0	5,830	5,325	3,712
CO	90	85	85	80	72	82	107.0	104.0	109.0	8,560	7,488	8,938
DE	29	25	25	26	23	21	77.0	83.0	59.0	2,002	1,909	1,239
ID	700	730	750	670	710	720	75.0	77.0	66.0	50,250	54,670	47,520
KS	9	8	9	8	7	8	50.0	37.0	57.0	400	259	456
KY	9	9	9	8	7	8	85.0	65.0	75.0	680	455	600
ME	28	28	28	27	27	27	70.0	80.0	65.0	1,890	2,160	1,755
MD	44	43	45	40	39	38	75.0	82.0	57.0	3,000	3,198	2,166
MI	15	14	15	12	13	14	56.0	51.0	56.0	672	663	784
MN	160	190	190	145	150	170	55.0	41.0	75.0	7,975	6,150	12,750
MT	1,100	1,180	1,100	720	930	810	41.0	42.0	39.0	29,520	39,060	31,590
NE	5	6	6	4	4	4	45.0	32.0	50.0	180	128	200
NV	4	4	5	1	2	3	90.0	97.0	80.0	90	194	240
NJ	5	4	4	4	3	3	54.0	70.0	45.0	216	210	135
NY	15	11	14	12	10	12	51.0	47.0	50.0	612	470	600
NC	28	25	20	18	17	14	67.0	60.0	56.0	1,206	1,020	784
ND	1,500	1,600	2,050	1,450	1,300	1,980	55.0	45.0	60.0	79,750	58,500	118,800
OH	6	7	7	5	6	6	76.0	55.0	58.0	380	330	348
OR	110	78	70	100	68	60	45.0	53.0	64.0	4,500	3,604	3,840
PA	70	70	75	60	60	65	70.0	74.0	61.0	4,200	4,440	3,965
SD	90	80	75	78	45	55	52.0	35.0	53.0	4,056	1,575	2,915
UT	85	70	45	65	34	35	68.0	64.0	80.0	4,420	2,176	2,800
VA	70	75	75	50	41	45	75.0	77.0	62.0	3,750	3,157	2,790
WA	430	350	320	420	340	310	50.0	56.0	47.0	21,000	19,040	14,570
WI	47	55	55	35	35	35	52.0	47.0	55.0	1,820	1,645	1,925
WY	100	85	90	85	65	75	82.0	72.0	95.0	6,970	4,680	7,125
US	4,951	5,008	5,299	4,273	4,123	4,688	58.1	55.0	58.9	248,329	226,906	276,087

¹ Includes area planted in the preceding fall. ² Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 1-56.—Barley: Marketing year average price and value, by States, crop of 2001, 2002, and 2003¹

State	Marketing year average price per bushel			Value of production		
	2001	2002	2003 ²	2001	2002	2003 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AZ	2.40	2.55	3.20	10,560	11,220	11,328
CA	2.36	2.49	2.75	13,759	12,699	10,208
CO	2.73	3.04	3.05	23,369	21,888	27,261
DE	1.25	1.35	1.60	2,503	2,608	1,982
ID	2.75	3.04	3.20	138,188	164,038	152,064
KS	1.70	1.85	1.90	680	440	866
KY	1.43	1.51	1.80	972	773	1,080
ME	1.50	1.70	1.15	2,730	3,536	2,018
MD	1.30	1.40	1.80	4,973	4,707	3,899
MI	1.50	1.60	1.70	1,512	1,581	1,333
MN	1.70	2.62	2.45	13,558	16,860	31,238
MT	2.65	2.86	3.00	78,228	114,114	94,770
NE	1.65	1.85	1.90	297	398	380
NV	2.65	3.00	3.30	239	582	792
NJ	1.25	1.60	1.95	270	355	263
NY	1.60	1.96	2.00	979	921	1,200
NC	1.50	1.75	1.90	1,809	2,415	1,490
ND	1.71	2.56	2.70	136,373	146,022	320,760
OH	1.50	1.70	1.75	570	408	609
OR	2.06	2.36	2.50	9,270	8,024	9,600
PA	1.51	1.70	1.95	6,342	7,548	7,732
SD	2.00	2.51	2.40	8,112	4,631	6,996
UT	2.14	2.42	2.25	9,459	6,970	6,300
VA	1.28	1.44	1.55	4,800	4,435	4,325
WA	1.96	2.60	2.70	41,160	47,736	39,339
WI	1.50	1.70	1.75	2,730	3,060	3,369
WY	3.32	3.23	3.45	23,140	15,827	24,581
US	2.22	2.72	2.90	536,582	603,796	765,783

¹ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ² Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 1-57.—Barley: Area, yield, and production in specified countries, 2000/2001–2002/2003¹

Continent and country	Area ²			Yield per hectare			Production		
	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³
	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	4,551	4,150	3,348	2.89	2.61	2.24	13,172	10,846	7,489
Mexico	309	315	320	2.49	2.43	2.41	770	767	770
United States	2,110	1,736	1,671	3.29	3.13	2.95	6,939	5,430	4,933
Total	6,970	6,201	5,339	3.00	2.75	2.47	20,881	17,043	13,192
South America:									
Argentina	245	240	254	2.93	2.17	2.20	718	521	558
Bolivia	64	64	64	1.42	1.42	1.42	91	91	91
Brazil	141	155	120	2.01	1.52	2.42	283	235	290
Chile	15	17	17	4.33	4.53	4.06	65	77	69
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	155	150	154	1.20	1.18	1.30	186	177	200
Uruguay	88	129	103	2.43	0.91	1.72	214	118	177
Total	753	800	757	2.14	1.59	1.90	1,612	1,274	1,440
European Union:									
Austria	224	218	216	3.82	4.64	4.26	855	1,012	921
Belgium-Luxembourg	59	63	57	6.54	6.75	7.00	386	425	399
Denmark	741	744	825	5.37	5.33	5.00	3,980	3,966	4,121
Finland	559	543	522	3.55	3.29	3.33	1,985	1,786	1,739
France	1,535	1,705	1,643	6.33	5.75	6.69	9,716	9,807	10,988
Germany	2,068	2,112	1,970	5.85	6.39	5.55	12,106	13,495	10,928
Greece	165	130	110	2.50	1.92	1.82	413	249	200
Ireland	181	182	176	6.24	7.02	5.47	1,129	1,277	963
Italy	344	333	343	3.67	3.38	3.47	1,262	1,126	1,190
Netherlands	47	66	57	6.13	5.86	5.53	288	387	315
Portugal	22	12	12	1.64	1.08	1.67	36	13	20
Spain	3,307	2,994	3,100	3.41	2.09	2.69	11,283	6,245	8,333
Sweden	409	395	408	4.00	4.16	4.36	1,634	1,642	1,778
United Kingdom	1,128	1,245	1,101	5.76	5.35	5.57	6,492	6,660	6,128
Total	10,789	10,742	10,540	4.78	4.48	4.56	51,565	48,090	48,023
EU Accession Countries:									
Cyprus	45	45	45	0.84	2.56	2.22	38	115	100
Czech Republic	495	495	488	3.29	3.97	3.67	1,629	1,966	1,793
Estonia	165	136	132	2.11	2.09	1.89	348	284	250
Hungary	325	368	372	2.77	3.53	2.96	900	1,300	1,100
Latvia	135	130	137	1.93	1.78	1.57	261	231	215
Lithuania	353	336	365	2.44	2.40	2.39	860	805	871
Malta & Gozo	1	1	1	2.00	2.00	2.00	2	2	2
Poland	1,096	1,071	1,059	2.54	3.11	3.18	2,783	3,330	3,369
Slovakia	199	200	220	1.99	3.50	3.16	397	700	695
Slovenia	11	11	11	3.00	3.00	3.00	33	33	33
Total	2,825	2,793	2,830	2.57	3.14	2.98	7,251	8,766	8,428
Other Europe:									
Albania	10	10	10	3.00	3.00	3.00	30	30	30
Bosnia-Herzegovina	23	23	23	2.30	2.39	2.39	53	55	55
Bulgaria	240	260	350	2.29	2.88	2.86	550	750	1,000
Croatia	45	45	48	2.78	3.58	3.56	125	161	171
Macedonia (Skopje)	53	50	50	2.64	2.20	2.40	140	110	120
Norway	161	173	175	3.57	3.54	3.71	574	612	650
Romania	213	316	296	2.68	3.34	2.23	570	1,055	660
Serbia and Montenegro	111	120	120	2.27	2.50	2.50	252	300	300
Switzerland	46	44	45	6.15	5.70	6.67	283	251	300
Total E. Europe	902	1,041	1,117	2.86	3.19	2.94	2,577	3,324	3,286

See footnotes at end of table.

Table 1-57.—Barley: Area, yield, and production in specified countries, 2000/2001–2002/2003¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³	2000/2001	2001/2002	2002/2003 ³
	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
Fmr. Soviet Union:									
Armenia	65	85	35	0.92	1.41	2.29	60	120	80
Azerbaijan	109	130	132	1.38	2.31	2.20	150	300	290
Belarus	850	850	600	2.00	2.24	2.67	1,700	1,900	1,600
Georgia	20	44	40	0.75	2.27	1.38	15	100	55
Kazakhstan	1,625	1,700	1,750	1.03	1.29	1.26	1,675	2,200	2,200
Kyrgyzstan	100	65	65	1.50	2.31	2.54	150	150	165
Moldova	105	100	100	1.24	2.35	2.50	130	235	250
Russian Fed.	9,200	10,200	10,250	1.53	1.91	1.82	14,100	19,500	18,700
Tajikistan	30	30	30	0.70	0.67	1.83	21	20	55
Turkmenistan	20	20	20	1.00	1.00	1.00	20	20	20
Ukraine	3,690	3,921	4,150	1.86	2.60	2.49	6,872	10,186	10,350
Uzbekistan	75	75	75	1.60	2.67	2.67	120	200	200
Total	15,889	17,220	17,247	1.57	2.03	1.97	25,013	34,931	33,965
Middle East:									
Iran	1,300	1,300	1,400	1.08	1.15	1.64	1,400	1,500	2,300
Iraq	1,200	1,200	1,300	0.29	0.46	0.77	350	550	1,000
Israel	8	5	10	0.50	1.00	0.80	4	5	8
Jordan	16	25	49	0.81	0.96	1.29	13	24	63
Lebanon	5	5	5	1.20	1.20	1.20	6	6	6
Saudi Arabia	17	17	17	5.88	5.88	5.88	100	100	100
Syria	250	1,400	1,400	0.52	0.93	0.57	130	1,300	800
Turkey	3,600	3,500	3,550	2.06	1.97	2.08	7,400	6,900	7,400
Yemen	50	50	50	1.00	1.00	1.00	50	50	50
Total	6,446	7,502	7,781	1.47	1.39	1.51	9,453	10,435	11,727
Africa:									
Algeria	216	515	400	0.75	1.11	0.90	163	574	358
Egypt	55	55	55	3.09	3.09	3.09	170	170	170
Eritrea	46	48	40	0.57	0.94	0.60	26	45	24
Ethiopia	1,450	1,325	1,285	1.10	1.09	0.93	1,600	1,450	1,200
Kenya	70	70	70	1.07	1.07	1.07	75	75	75
Libya	280	280	280	0.30	0.30	0.30	85	85	85
Morocco	2,251	2,126	2,002	0.21	0.54	0.83	467	1,155	1,669
South Africa, Rep. of	72	79	72	1.72	1.99	2.54	124	157	183
Tunisia	260	250	400	0.77	0.60	0.23	200	150	90
Zimbabwe	5	5	3	6.40	5.00	5.67	32	25	17
Total	4,705	4,753	4,607	0.63	0.82	0.84	2,942	3,886	3,871
Asia:									
Afghanistan	124	87	236	0.60	1.00	1.46	74	87	345
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	791	770	725	3.35	3.76	3.41	2,646	2,893	2,470
India	725	754	750	2.00	1.90	2.00	1,447	1,432	1,500
Japan	54	61	64	3.96	3.38	3.39	214	206	217
Korea, Rep. of	68	79	91	3.37	4.85	3.30	229	383	300
Nepal	40	40	40	1.00	1.00	1.00	40	40	40
Pakistan	160	160	160	1.00	1.03	1.03	160	165	165
Total	1,974	1,963	2,078	2.44	2.66	2.43	4,820	5,216	5,047
Oceania:									
Australia	3,675	3,724	3,062	1.83	2.26	1.07	6,743	8,423	3,268
New Zealand	80	80	80	5.00	5.00	5.00	400	400	400
Total	3,755	3,804	3,142	1.90	2.32	1.17	7,143	8,823	3,668
World total	55,008	56,819	55,438	2.42	2.50	2.39	133,257	141,788	132,647

¹ 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. ² Harvested area as far as possible. ³ 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, 1993–2002

Calendar year ¹	Wheat				Rye		Rice (milled)	
	Total consumed ²	Per capita consumption of food products		Total consumed ²	Per capita consumption of rye flour	Total consumed ⁴	Per capita consumption	
		Flour ³	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>	
1993	853	142	4.2	3.3	0.6	49.2	18.0	
1994	871	143	4.1	3.6	0.6	51.1	19.3	
1995	858	140	4.1	3.2	0.5	52.1	19.4	
1996	896	146	4.0	3.5	0.6	53.2	19.6	
1997	902	147	3.9	3.3	0.5	54.3	19.8	
1998	909	143	3.9	3.6	0.6	56.9	20.5	
1999	929	144	3.8	3.3	0.6	59.3	21.1	
2000	950	146	3.8	3.3	0.6	61.1	21.5	
2001	926	141	3.8	3.3	0.6	63.1	21.9	
2002 ⁹	918	137	3.7	3.3	0.4	64.7	22.2	

Calendar year ¹	Corn						Oats		Barley	
	Total consumed ⁵	Per capita consumption of food products					Total consumed ⁶	Per capita consumption of oat food products	Total consumed ⁷	Per capita consumption of food products ⁸
		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>Million bushels</i>	<i>Pounds</i>
1993	834	15.6	3.1	70.2	3.7	4.4	73	6.0	6.2	0.7
1994	873	15.9	3.6	72.1	3.8	4.5	70	5.7	6.3	0.7
1995	900	16.2	4.0	73.9	4.0	4.7	67	5.4	6.4	0.7
1996	937	16.5	4.5	74.2	4.0	4.9	63	5.0	6.5	0.7
1997	966	16.7	4.9	77.7	3.7	4.8	59	4.6	6.4	0.7
1998	974	17.0	5.3	79.0	3.6	4.8	57	4.4	6.4	0.7
1999	990	17.3	5.8	80.0	3.5	4.7	56.8	4.4	6.4	0.7
2000	976	17.5	6.2	78.5	3.4	4.7	56.7	4.3	6.4	0.7
2001	986	17.8	6.6	77.9	3.3	4.6	59.2	4.5	6.3	0.7
2002 ⁹	981	18.1	7.0	78.1	3.3	4.6	60.2	4.5	6.4	0.7

¹Data 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. ²Excludes quantities used in alcoholic beverages. ³Includes white, whole wheat, and semolina flour. ⁴Does not include shipments to U.S. territories. Excludes rice used in alcoholic beverages. Includes imports and rice used in processed foods and pet foods. ⁵Includes an allowance for the quantity used as hominy and grits. This series is not adjusted for trade. ⁶Oats used in oatmeal, prepared breakfast foods, infant foods, and food products. ⁷Malt for food, breakfast food uses, pearl barley, and flour. ⁸Malt equivalent of barley food products. ⁹Preliminary. 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, 1994–2003

Marketing year beginning June 1	Income support payment rates per bushel ¹	Program price levels per bushel		Put under support ⁴		Acquired by CCC under loan program ⁵	Owned by CCC at end of marketing year
		Loan ²	Target ³	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>
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	0.33	1.55	NA	28.7	7.3	0.0	0.0
1997/98	0.28	1.57	NA	33.3	9.3	1.5	0.0
1998/99	0.43	1.56	NA	25.9	7.4	3.6	0.3
1999/2000	0.54	1.59	NA	13.6	4.9	1.3	0.1
2000/2001	0.52	1.62	NA	16.0	5.0	0.7	0.1
2001/2002	0.44	1.65	NA	10.6	4.2	0.2	0.0
2002/2003	0.24/0.00	1.88	2.21	10.4	4.6	0.0	0.0
2003/2004	0.24/---	1.88	2.21	.....	.....	.....	.....

¹Payment rates for the 1995/96 and prior crop years were calculated according to the deficiency payment/production adjustment program provisions. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the Production Flexibility Contract (PFC) program provisions of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and include supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the Direct and Counter-cyclical program provisions, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest cent. Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate. ²The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. ³Between the 1996/97 and 2001/2002 marketing years, target prices were not longer applicable; however, target prices were reestablished under the 2002 Act. ⁴Represents 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. Excludes quantity on which loan deficiency payments were made. ⁵Acquisition of all loans forfeited during the marketing year. For 2002/2003, as of September 30, 2003. NA-not applicable.

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

Table 1-60.—Sorghum: Area, yield, production, and value, United States, 1994–2003

Year	Area planted for all purposes ¹	Sorghum for grain ²				Sorghum for silage			
		Area harvested	Yield per harvested acre	Production	Marketing year average price per cwt ^{3,4}	Value of production ^{3,4}	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
1994	9,787	8,882	72.7	645,741	3.80	1,317,149	362	11.9	4,316
1995	9,429	8,253	55.6	458,648	5.69	1,389,772	413	10.3	4,242
1996	13,097	11,811	67.3	795,274	4.17	1,986,316	423	11.8	4,976
1997	10,052	9,158	69.2	633,545	3.95	1,408,909	412	13.1	5,385
1998	9,626	7,723	67.3	519,933	2.97	905,468	308	11.4	3,526
1999	9,288	8,544	69.7	595,166	2.80	937,406	320	11.6	3,716
2000	9,195	7,726	60.9	470,526	3.37	847,075	278	10.5	2,932
2001	10,248	8,579	59.9	514,040	3.46	979,794	352	11.0	3,860
2002	9,589	7,125	50.6	360,713	4.14	876,471	408	9.6	3,913
2003 ⁵	9,420	7,798	52.7	411,237	4.40	965,822	343	10.4	3,552

¹ Grain and sweet sorghum for all uses, including sirup. ² Includes both grain sorghum for grain, and sweet sorghum for grain or seed. ³ Based on the reported price of grain sorghum. ⁴ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ⁵ Preliminary.

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

Table 1-61.—Sorghum grain: Stocks on and off farms, United States, 1995–2004

Year beginning previous Dec.	On farms				Off farms ¹			
	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
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	38,100	17,300	7,400	241,477	156,007	88,178	53,573
2003	53,600	27,500	11,150	4,500	178,252	135,423	70,744	38,530
2004	45,200	NA	NA	NA	188,507	NA	NA	NA

¹ 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, 1994–2003

Year beginning September 1	Supply			Disappearance					Ending stocks Aug. 31		
	Beginning stocks	Production	Total	Domestic use			Exports	Total disappearance	Privately owned ¹	Government	Total
				Feed and residual	Food, seed and industrial	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
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	285	55	340	255	595	65	0	65
2000	65	471	536	222	35	258	237	494	41	1	42
2001	42	515	556	230	23	253	242	495	61	0	61
2002 ² ..	61	370	431	178	24	202	186	388	43	0	43
2003 ³ ..	43	411	454	165	25	190	210	400	54	0	54

¹ Includes quantity under loan and farmer-owned reserve. ² Preliminary. ³ Projected as of February 10, 2004, 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, 2001–2003

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	2001	2002	2003 ¹	2001	2002	2003 ¹	2001	2002	2003 ¹	2001	2002	2003 ¹
	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	12	10	10	7	7	6	60.0	40.0	45.0	420	280	270
AZ	175	240	17	170	230	6	86.0	77.0	90.0	14,620	17,710	540
AR	12	15	225	6	6	210	80.0	70.0	82.0	480	420	17,220
CA	10	17	18	7	11	10	90.0	80.0	90.0	630	880	900
CO	310	350	270	220	90	160	43.0	20.0	27.0	9,460	1,800	4,320
DE	2	2	2	1	1	1	85.0	45.0	70.0	85	45	70
GA	50	55	55	25	30	38	48.0	40.0	47.0	1,200	1,200	1,786
IL	80	80	110	77	76	105	105.0	83.0	82.0	8,085	6,308	8,610
KS	4,000	3,800	3,550	3,750	3,000	2,900	62.0	45.0	45.0	232,500	135,000	130,500
KY	12	12	33	10	10	32	85.0	75.0	95.0	850	750	3,040
LA	230	180	170	210	165	165	85.0	81.0	85.0	17,850	13,365	14,025
MD	9	5	6	8	4	3	83.0	40.0	65.0	664	160	195
MS	90	80	75	87	77	73	82.0	81.0	84.0	7,134	6,237	6,132
MO	230	200	215	220	190	210	94.0	85.0	77.0	20,680	16,150	16,170
NE	550	450	660	425	320	500	84.0	50.0	62.0	35,700	16,000	31,000
NM	170	170	140	140	70	62	45.0	35.0	27.0	6,300	2,450	1,674
NC	15	17	18	11	12	14	70.0	42.0	50.0	770	504	700
OK	500	430	300	420	300	250	36.0	45.0	37.0	15,120	13,500	9,250
PA	11	11	15	4	3	5	78.0	48.0	87.0	312	144	435
SC	8	7	7	6	3	5	65.0	30.0	52.0	390	90	260
SD	240	220	270	150	90	150	59.0	34.0	45.0	8,850	3,060	6,750
TN	25	30	45	22	26	40	80.0	80.0	82.0	1,760	2,080	3,280
TX	3,500	3,200	3,200	2,600	2,400	2,850	50.0	51.0	54.0	130,000	122,400	153,900
VA	7	8	9	3	4	3	60.0	45.0	70.0	180	180	210
US	10,248	9,589	9,420	8,579	7,125	7,798	59.9	50.6	52.7	514,040	360,713	411,237

¹ Preliminary.

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

Table 1-64.—Sorghum: Utilization for silage, by States, 2001–2003

State	Silage								
	Area harvested			Yield per acre			Production		
	2001	2002	2003 ¹	2001	2002	2003 ¹	2001	2002	2003 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	1	1	3	9.0	9.0	15.0	9	9	45
AZ	4	2	11	9.0	10.0	23.0	36	20	253
AR	6	9	3	19.0	20.0	10.0	114	180	30
CA	3	6	8	20.0	17.0	18.0	60	102	144
CO	12	20	15	20.0	9.0	14.0	240	180	210
DE	1	1	1	8.0	7.0	14.0	8	7	14
GA	20	20	15	10.0	12.0	12.0	200	240	180
IL	1	3	3	9.1	10.0	7.0	9	30	21
KS	100	115	70	12.0	7.0	8.0	1,200	805	560
KY	1	1	.....	10.0	10.0	.....	10	10D	.....
LA	1	1	1	12.0	10.0	11.0	12	10	11
MD	1	1	3	8.0	6.0	10.0	8	6	30
MS	1	1	1	11.0	13.0	13.0	11	13	13
MO	6	5	5	8.0	9.0	8.0	48	45	40
NE	20	25	35	11.0	7.5	9.5	220	188	333
NM	10	13	10	20.0	18.0	15.0	200	234	150
NC	3	3	3	10.0	5.0	10.0	30	15	30
OK	18	15	18	6.0	10.0	10.0	108	150	180
PA	5	7	8	10.0	7.0	9.0	50	49	72
SC	2	4	2	9.0	7.0	13.0	18	28	26
SD	50	40	50	9.5	5.5	7.0	475	220	350
TN	2	2	2	15.0	14.0	18.0	30	28	36
TX	80	110	70	9.0	12.0	11.0	720	1,320	770
VA	4	3	6	11.0	8.0	9.0	44	24	54
US	352	408	343	11.0	9.6	10.4	3,860	3,913	3,552

¹ Preliminary.

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

Table 1-65.—Sorghum grain: Marketing year average price and value, by States, crop of 2001, 2002, and 2003¹

State	Marketing year average price per cwt			Value of production		
	2001	2002	2003 ²	2001	2002	2003 ²
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL	3.75	4.10	4.10	882	723	620
AZ	4.00	4.60	5.30	1,075	1,236	1,603
AR	3.56	4.40	4.20	29,146	43,637	40,501
CA	4.38	4.64	5.45	1,545	2,715	2,747
CO	3.27	4.10	4.10	17,323	4,133	9,919
DE	3.48	4.55	4.30	166	122	169
GA	3.30	4.64	4.10	2,218	3,352	4,101
IL	3.61	4.62	4.40	16,345	16,535	21,215
KS	3.24	4.24	4.25	421,848	320,544	310,590
KY	3.42	4.68	4.40	1,628	2,162	7,491
LA	3.75	4.30	4.20	37,485	32,183	32,987
MD	3.48	4.55	4.30	1,294	479	470
MS	3.70	4.24	4.00	14,782	14,809	13,736
MO	3.46	4.22	4.35	40,070	37,161	39,390
NE	3.23	4.23	4.30	64,574	35,532	74,648
NM	3.75	4.20	4.45	13,230	6,586	4,172
NC	3.75	4.40	4.10	1,617	1,331	1,607
OK	3.29	4.11	4.15	27,857	34,179	21,497
PA	3.75	4.79	4.60	655	386	1,121
SC	3.48	4.11	3.75	760	322	546
SD	3.06	3.90	4.00	15,165	6,683	15,120
TN	3.88	4.78	4.25	4,693	6,638	7,806
TX	3.64	4.18	4.10	264,992	304,421	353,354
VA	3.00	3.91	3.50	444	602	412
US	3.46	4.14	4.40	979,794	876,471	965,822

¹ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ² Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 1-66.—Sorghum grain: Support operations, United States, 1994-2003

Marketing year beginning September 1	Income support payment rates per cwt ¹	Program price levels per cwt		Put under support ⁴		Acquired by CCC under loan program ⁵	Owned by CCC at end of marketing year
		Loan ²	Target ³	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>
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	0.58	3.23	NA	11.4	2.6	0.0	0.0
1997/98	0.97	3.14	NA	9.8	2.8	0.1	0.1
1998/99	1.21	3.11	NA	12.0	4.1	0.6	0.2
1999/2000	1.55	3.11	NA	9.6	2.9	0.5	0.0
2000/2001	1.49	3.05	NA	8.6	3.3	0.4	0.0
2001/2002	1.24	3.05	NA	9.6	3.3	0.1	0.1
2002/2003	0.63/0.00	3.54	4.54	3.7	1.8	0.0	0.0
2003/2004	0.63/--	3.54	4.54	.....	.....	.....	.....

¹ Payment rates for the 1995/96 and prior crop years were calculated according to the deficiency payment/production adjustment program provisions. Payment rates for the 1996/97 through 2001/2002 crops were calculated according to the Production Flexibility Contract (PFC) program provisions of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act) and include supplemental PFC payment rates for 1998 through 2001. Payment rates for the 2002/2003 and subsequent crops are calculated according to the Direct and Counter-cyclical program provisions, following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). Payment rates are rounded to the nearest cent. Beginning with 2002/2003, the first entry is the direct payment rate and the second entry is the counter-cyclical payment rate. ² The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. ³ Between the 1996/97 and 2001/2002 marketing years, target prices were not longer applicable; however, target prices were reestablished under the 2002 Act. ⁴ 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. Excludes quantity on which loan deficiency payments were made. ⁵ Acquisition of all loans forfeited during the marketing year. For 2002/2003, as of September 30, 2003. NA-not applicable.

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

Table 1-67.—Coarse grains: International trade, 2001–2003¹

Country	2000/2001	2001/2002	2002/2003 ²
	<i>1,000 metric tons</i>	<i>1,000 Metric tons</i>	<i>1,000 metric tons</i>
Exports:			
Argentina	13,016	9,089	13,055
Australia	4,951	4,841	2,490
Canada	3,576	2,441	1,711
China	7,296	8,630	15,336
South Africa	1,458	1,230	1,190
Russia	1,032	2,668	3,492
Turkey	1,927	3,827	3,389
EU	8,117	4,667	7,915
Others	7,669	10,818	9,101
Subtotal	49,042	48,211	57,679
United States	55,388	53,964	46,680
Total	104,430	102,175	104,359
Imports:			
Algeria	1,842	2,054	1,694
Brazil	1,014	437	817
Canada	2,935	4,181	4,087
Chile	1,388	1,359	1,010
China	2,416	1,963	1,823
Colombia	1,993	2,100	2,405
Costa Rica	513	463	514
Dominican Republic	501	584	501
Ecuador	968	1,038	906
Egypt	149	321	309
Iran	5,339	4,931	4,914
Israel	1,280	1,149	1,600
Japan	2,087	1,583	2,182
Jordan	1,402	1,434	1,288
Korea, North	20,236	19,945	20,326
Korea, South	803	938	820
Libya	688	268	144
Malaysia	8,889	8,848	8,941
Mexico	396	496	322
Morocco	2,588	2,425	2,408
Peru	11,151	9,040	8,791
Poland	1,473	1,523	1,211
Romania	912	930	992
Russia	824	285	350
Saudi Arabia	563	729	374
South Africa	6,489	7,268	8,924
Syria	146	983	763
Taiwan	1,090	1,068	1,198
Thailand	5,157	4,852	4,878
Tunisia	24	5	11
Turkey	1,375	1,449	1,046
Venezuela	648	1,247	1,565
Zimbabwe	1,207	515	675
EU	66	310	635
O.W. Europe	3,104	4,229	5,258
United States	2,769	2,401	2,543
Subtotal	94,425	93,371	96,225
Other Countries	8,193	7,118	7,027
Unaccounted	1,812	1,686	1,107
World Total	104,430	102,175	104,359

¹ Year beginning Oct 1. ² 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, 1993–2002

Year beginning October	Oilseed cake and meal						Animal protein			
	Soybean	Cottonseed	Linseed	Peanut ¹	Sunflower	Total	Tankage and meat meal	Fish meal	Dried milk ²	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
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	2,960	129	181	478	30,358	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	2,620	326	273	3,218
1999	30,345	2,908	185	138	582	34,158	2,342	265	306	2,913
2000	31,643	2,855	193	110	496	35,297	2,398	246	303	2,947
2001	33,077	3,340	156	144	395	37,112	2,212	274	323	2,808
2002 ³	32,386	2,691	173	171	256	35,677	1,918	246	310	2,473

Year beginning October	Mill products ⁴					Total commercial feeds
	Wheat millfeeds	Gluten feed and meal ⁵	Rice millfeeds	Alfalfa meal	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1993	7,190	912	648	134	8,883	40,973
1994	7,265	139	726	209	8,339	42,418
1995	7,373	881	664	255	9,173	42,776
1996	7,280	1,833	617	248	9,978	44,681
1997	7,030	1,914	603	276	9,823	45,667
1998	7,026	1,349	655	225	9,254	46,561
1999	7,324	1,199	716	NA	9,239	46,310
2000	7,303	1,423	689	NA	9,424	50,616
2001	6,895	1,475	678	NA	9,049	51,777
2002 ³	6,789	2,214	689	NA	9,692	50,315

¹Year beginning August 1. ²Includes dried skim milk, and whey for feed, but does not include any milk products fed on farms. ³Preliminary. ⁴Other mill products that are not listed include screenings, hominy, and oats feed etc., for which no statistics are available. ⁵Adjusted for export data. NA-not available.

Table 1-69.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1993–2002

Year beginning October	Quantity for feeding ¹						High-protein animal units	Quantity per animal unit	High protein feed prices
	Oilseed meal			Animal protein	Grain protein ³	Total			
	Soybean meal	Other oilseed meals ²	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
1993	27,800	2,945	30,745	3,991	543	35,279	128.4	549,310	101
1994	29,200	3,875	33,075	3,634	83	36,792	130.7	562,803	86
1995	29,271	3,469	32,740	3,547	524	36,812	132.2	556,942	123
1996	30,052	3,573	33,625	3,869	1,092	38,586	133.1	579,747	141
1997	31,785	3,470	35,254	3,477	1,140	39,871	136.2	585,409	104
1998	33,723	3,154	36,877	3,647	803	41,327	137.0	603,325	73
1999	33,380	3,514	36,893	3,247	714	40,854	137.4	594,523	87
2000	34,807	3,366	38,173	3,290	853	42,316	138.3	612,092	91
2001	36,385	3,734	40,118	3,106	879	44,103	139.2	633,554	89
2002	35,625	3,047	38,671	2,713	1,318	42,703	138.9	615,044	95

¹In terms of 44 percent protein soybean meal equivalent. ²Includes cottonseed, linseed, peanut meal, and sunflower meal. ³Beginning 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, 1993–2002

Year beginning October	Feed grains				Wheat ²	Rye ²	By-product feeds ³	Total concentrates	Grain consuming animal units	Concentrates fed per grain-consuming animal unit
	Corn ¹	Sorghum ¹	Oats ² and barley ²	Total						
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons	
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	50.0	230.0	84.4	2.73
1995	131.4	8.3	7.6	147.2	6.8	0.2	49.5	203.7	85.0	2.40
1996	147.8	14.4	6.9	169.1	8.5	0.1	52.3	230.0	85.3	2.70
1997	153.5	10.2	7.2	170.9	9.7	0.1	53.4	234.1	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	237.4	88.9	2.67
2000	163.6	6.2	5.9	175.7	6.9	0.1	58.6	241.3	89.3	2.70
2001	164.3	6.5	4.6	175.4	4.2	0.1	59.7	239.3	89.4	2.68
2002	156.8	5.0	4.8	166.6	7.2	0.1	58.0	231.8	88.4	2.62

¹Marketing year beginning Sept. 1. ²Marketing year beginning June 1. ³Oilseed 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, 1993–2002

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 ¹	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced ²	Per head	Per 100 pounds produced ³
	Per head	Per 100 pounds milk produced							
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1993	12,668	79	6,488	9,310	5,297	5,896	1,317	1,270	1,530
1994	13,090	80	6,559	9,926	5,319	5,961	1,344	1,278	1,633
1995	12,410	76	6,445	8,933	5,284	5,809	1,292	1,266	1,610
1996	13,032	78	6,549	9,841	5,316	5,992	1,359	1,277	1,631
1997	12,965	76	6,538	9,744	5,313	6,009	1,329	1,276	1,522
1998	12,854	73	6,519	9,582	5,307	5,965	1,295	1,274	1,521
1999	13,016	71	6,547	9,818	5,315	6,057	1,274	1,277	1,548
2000	13,149	73	6,569	10,014	5,322	6,115	1,262	1,279	1,606
2001	13,117	71	6,563	9,966	5,321	6,092	1,264	1,279	1,587
2002 ⁴	12,986	70	6,541	9,775	5,314	6,026	1,245	1,276	1,531

Year beginning October	Poultry								Hogs per 100 pounds produced	Horses and mules 2 years and over per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds produced	Per head	Per 100 pounds produced		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1993	122	49	29	792	10.7	243	91	405	594	3,786
1994	131	52	31	843	11.5	257	97	431	625	3,868
1995	117	45	28	827	10.3	226	87	386	545	3,735
1996	130	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	231	96	376	590	3,853
2000	132	52	31	875	11.7	234	98	383	597	3,879
2001	131	52	31	915	11.6	233	97	371	598	3,873
2002 ⁴	129	50	31	852	11.4	223	95	353	574	3,848

¹ Feed consumed by all cattle divided by the number on feed Jan. 1. ² 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. ³ Including wool produced. ⁴ 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, 1993–2002

Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	<i>Million tons</i>	<i>Million tons</i>	<i>Million</i>	<i>Million tons</i>
1993	226	77	183	486
1994	244	81	184	509
1995	218	80	186	484
1996	244	81	179	504
1997	249	81	173	503
1998	244	81	173	498
1999	253	84	166	503
2000	260	86	160	507
2001	259	85	161	505
2002 ¹	251	84	161	496

¹ 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, 1993–2002¹

Year beginning October	Grain-consuming ²	Roughage-consuming ³	Grain and roughage-consuming ⁴
	<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>
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	88,864	73,281	78,770
2000	89,300	72,481	78,433
2001	89,401	72,195	78,254
2002 ⁵	88,424	72,034	77,825

¹ 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. ² Livestock and poultry numbers weighted by all concentrates consumed. ³ Livestock and poultry numbers weighted by all roughage (including pasture) consumed. ⁴ Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock. ⁵ Preliminary.

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

Table 1-74.—Feed grains: Average price, selected markets and grades, 1995–2003¹

Crop year	Kansas City			Minneapolis			
	Corn, No. 2 Yellow (truck)	Corn, No. 2 White (truck)	Sorghum, No. 2 Yellow (truck)	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>
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
2001	1.85	.....	4.03	.....	.....	.....	.....
2002	2.13	2.51	4.27	2.11	2.85	1.70	.....
2003	2.36	2.58	4.07	2.22	3.34	1.91	1.82

Crop year	Omaha: Corn, No. 2 Yellow (truck)	Chicago: Corn, No. 2 Yellow	Texas High Plains: Sorghum, No. 2 Yellow	Memphis		St. Louis: Corn, No. 2 Yellow (truck)
				Corn, No. 2 Yellow	Barley, No. 2 Western	
	<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>
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
2001 .....	.....	1.98	.....	2.03	.....	.....
2002	2.13	2.24	4.27	2.29	.....	2.33
2003	2.24	2.34	3.94	2.42	.....	2.38

¹ Simple average of daily prices.

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, 1994–2003

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		
	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
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
2001	165.21	173.60	165.00	142.70	121.90	166.50	358.20	62.93	50.81
2002	153.82	167.72	160.10	136.20	119.20	166.00	460.00	59.74	58.42
2003	115.60	208.95	172.52	152.24	134.31	196.30	487.50	65.07	56.05

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	Lawrenceburg	Columbus	Dehydrated, 17% protein	Sun-cured	New Orleans
			Illinois Points				Kansas City	Kansas City	
	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
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
2001	62.88	63.25	60.55	55.02	80.62	94.00	139.06	130.38	63.16
2002	59.77	75.95	59.63	63.23	80.19	94.00	154.05	134.34	68.63
2003	65.27	85.49	70.15	72.66	93.13	94.95	138.61	122.48	58.00

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

Table 1-76.—Proso millet: Area, yield, production, and value, United States, 1999–2003

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers ¹	Value of production ¹
	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	650	585	33.2	19,405	2.02	39,109
2002	520	275	13.3	3,668	7.22	19,882
2003 ²	730	620	18.5	11,450	2.87	32,888

¹ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ² Preliminary.

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

Table 1-77.—Proso millet: Area, yield, and production, by States, 2001–2003

State	Area planted			Area harvested		
	2001	2002	2003 ¹	2001	2002	2003 ¹
	<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	240	250	320	230	115	285
NE	190	170	200	180	100	170
SD	220	100	210	175	60	165
US	650	520	730	585	275	620

State	Yield per acre			Production		
	2001	2002	2003 ¹	2001	2002	2003 ¹
	<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	35.0	10.5	19.0	8,050	1,208	5,415
NE	31.0	12.0	19.0	5,580	1,200	3,230
SD	33.0	21.0	17.0	5,775	1,260	2,805
US	33.2	13.3	18.5	19,405	3,668	11,450

¹ Preliminary.

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

Table 1-78.—Proso millet: Marketing year average price and value, by States, crop of 2001, 2002, and 2003 ¹

State	Marketing year average price per bushel			Value of production		
	2001	2002	2003 ²	2001	2002	2003 ²
	<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	7.40	2.70	16,100	7,030	14,621
NE	1.95	7.20	3.05	10,881	6,084	9,852
SD	2.10	7.05	3.00	12,128	6,768	8,415
US	2.02	7.22	2.87	39,109	19,882	32,888

¹ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004. ² Preliminary.

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