

CHAPTER VI

STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops.

Table 6-1.—Hay, all: Area, yield, production, and value, United States, 1994–2003

Year	Area harvested	Yield per acre	Production	Marketing year average price per ton received by farmers ¹	Value of production ¹
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1994	58,815	2.55	150,136	86.70	11,113,274
1995	59,764	2.58	154,239	82.20	11,035,838
1996	61,169	2.45	149,779	95.80	12,726,992
1997	61,084	2.50	152,536	100.00	13,249,825
1998	60,006	2.52	151,387	84.60	11,606,734
1999	63,181	2.53	159,582	76.90	11,014,373
2000	60,355	2.54	153,603	84.60	11,416,651
2001	63,516	2.46	156,416	96.50	12,597,331
2002	63,942	2.34	149,467	92.40	12,450,234
2003 ²	63,342	2.48	157,123	92.90	12,330,971

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 6-2.—Hay, all: Stocks on farms, United States, 1994–2003

Crop year	Dec. 1	May 1 ¹
	<i>1,000 tons</i>	<i>1,000 tons</i>
1994	105,296	20,775
1995	109,438	20,739
1996	105,179	17,424
1997	103,044	21,827
1998	111,809	24,662
1999	109,115	28,848
2000	106,412	21,248
2001	110,384	22,458
2002	102,978	22,013
2003 ²	110,752	NA

¹ Following year. ² Preliminary. NA-not available.

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

Table 6-3.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 2001–2003

State	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	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AZ	215	230	235	8.00	8.10	8.50	1,720	1,863	1,998
AR	20	20	20	3.10	3.00	3.50	62	60	70
CA	1,010	1,160	1,090	7.00	6.90	7.00	7,070	8,004	7,630
CO	950	780	800	3.80	2.90	3.20	3,610	2,262	2,560
CT	8	9	8	2.30	2.40	2.90	18	22	23
DE	8	6	5	3.40	3.20	2.70	27	19	14
ID	1,120	1,170	1,200	3.90	4.00	3.70	4,368	4,680	4,440
IL	500	450	425	3.90	3.60	4.10	1,950	1,620	1,743
IN	330	300	350	4.00	3.30	3.80	1,320	990	1,330
IA	1,250	1,250	1,330	3.70	3.90	3.70	4,625	4,875	4,921
KS	900	950	1,000	4.60	3.70	3.40	4,140	3,515	3,400
KY	260	320	250	3.70	2.90	3.50	962	928	875
ME	10	12	8	2.20	2.00	2.30	22	24	18
MD	65	60	45	3.10	2.90	3.30	202	174	149
MA	17	16	15	2.30	2.40	2.40	39	38	36
MI	900	870	850	3.40	3.50	3.20	3,060	3,045	2,720
MN	1,450	1,400	1,375	3.50	3.30	3.00	5,075	4,620	4,125
MO	380	400	450	3.05	3.00	2.95	1,159	1,200	1,328
MT	1,600	1,500	1,600	2.20	2.00	2.10	3,520	3,000	3,360
NE	1,400	1,350	1,450	3.55	3.00	3.60	4,970	4,050	5,220
NV	265	275	265	4.50	4.30	4.40	1,193	1,183	1,166
NH	7	8	8	2.00	2.30	2.40	14	18	19
NJ	30	30	30	3.40	2.60	3.50	102	78	105
NM	260	240	230	5.00	5.30	4.90	1,300	1,272	1,127
NY	570	610	600	2.80	2.50	2.80	1,596	1,525	1,680
NC	20	20	18	3.00	2.00	3.00	60	40	54
ND	1,600	1,450	1,600	2.10	1.30	1.65	3,360	1,885	2,640
OH	610	620	580	3.50	3.00	3.40	2,135	1,860	1,972
OK	360	350	310	2.70	3.50	3.20	972	1,225	992
OR	460	495	490	4.30	4.30	4.60	1,978	2,129	2,254
PA	670	680	550	2.50	2.60	3.00	1,675	1,768	1,650
RI	2	2	1	2.20	2.20	2.50	4	4	3
SD	3,000	2,250	2,700	2.20	1.50	1.90	6,600	3,375	5,130
TN	35	30	30	3.70	3.50	4.20	130	105	126
TX	140	150	140	4.90	4.60	4.70	686	690	658
UT	560	565	545	4.00	3.60	4.00	2,240	2,034	2,180
VT	40	45	40	2.00	2.00	2.00	80	90	80
VA	130	140	130	3.10	2.50	3.50	403	350	455
WA	470	510	510	4.80	4.90	5.30	2,256	2,499	2,703
WV	50	50	45	2.50	2.50	2.50	125	125	113
WI	1,700	1,650	1,600	2.50	2.80	2.30	4,250	4,620	3,680
WY	580	500	650	2.20	2.30	2.40	1,276	1,150	1,560
US	23,952	22,923	23,578	3.35	3.19	3.24	80,354	73,014	76,307

¹ Preliminary.

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

Table 6-4.—Hay, all other: Area, yield, and production, by States, 2001–2003

State	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	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	920	825	780	2.60	2.20	2.60	2,392	1,815	2,028
AZ	43	45	40	3.30	3.80	4.10	142	171	164
AR	1,300	1,410	1,320	2.10	2.30	2.20	2,730	3,243	2,904
CA	550	590	480	3.10	3.00	3.50	1,705	1,770	1,680
CO	650	550	700	1.80	1.30	1.50	1,170	715	1,050
CT	55	53	52	1.80	1.90	2.10	99	101	109
DE	9	9	8	2.40	2.30	3.00	22	21	24
FL	270	280	255	2.80	2.80	2.50	756	784	638
GA	650	650	600	3.00	2.40	3.00	1,950	1,560	1,800
ID	300	320	300	1.90	1.90	1.70	570	608	510
IL	300	325	350	2.40	2.10	2.80	720	683	980
IN	280	300	300	2.60	2.10	2.60	728	630	780
IA	400	350	270	2.35	2.20	2.20	940	770	594
KS	2,400	2,300	2,250	1.60	1.50	1.60	3,840	3,450	3,600
KY	2,100	2,100	2,200	2.20	2.00	2.50	4,620	4,200	5,500
LA	450	420	380	2.80	2.50	2.90	1,260	1,050	1,102
ME	135	145	120	1.50	1.70	1.80	203	247	216
MD	160	160	150	2.00	2.20	2.60	320	352	390
MA	80	70	75	1.80	1.90	1.80	144	133	135
MI	250	230	200	2.20	2.20	2.00	550	506	400
MN	700	700	700	1.60	1.70	1.60	1,120	1,190	1,120
MS	780	750	750	2.50	2.50	2.50	1,950	1,875	1,875
MO	3,900	3,850	3,800	1.80	1.85	1.80	7,020	7,123	6,840
MT	1,050	1,100	850	1.40	1.40	1.50	1,470	1,540	1,275
NE	1,800	1,700	1,700	1.35	1.00	1.40	2,430	1,700	2,380
NV	230	210	175	1.70	1.60	1.50	391	336	263
NH	50	46	47	1.70	1.80	2.00	85	83	94
NJ	90	90	90	1.70	1.60	1.80	153	144	162
NM	110	120	70	2.20	1.90	2.20	242	228	154
NY	1,100	1,100	1,250	1.80	1.90	1.60	1,980	2,090	2,000
NC	690	730	760	2.20	1.80	2.60	1,518	1,314	1,976
ND	1,150	1,850	1,350	1.55	1.10	1.45	1,783	2,035	1,958
OH	780	700	770	2.40	2.20	2.60	1,872	1,540	2,002
OK	2,050	2,800	2,500	1.40	1.70	1.60	2,870	4,760	4,000
OR	565	620	625	1.90	2.20	2.20	1,074	1,364	1,375
PA	980	1,050	1,100	1.80	1.60	2.20	1,764	1,680	2,420
RI	7	6	7	1.70	2.20	2.00	12	13	14
SC	320	340	340	2.00	1.90	2.60	640	646	884
SD	1,700	1,600	1,600	1.50	0.90	1.30	2,550	1,440	2,080
TN	2,000	1,950	2,000	2.20	2.10	2.30	4,400	4,095	4,600
TX	4,900	5,300	5,100	2.00	2.40	2.30	9,800	12,720	11,730
UT	160	150	155	2.10	1.80	2.00	336	270	310
VT	200	195	195	1.60	2.00	2.00	320	390	390
VA	1,200	1,250	1,150	2.00	1.70	2.60	2,400	2,125	2,990
WA	320	310	300	2.60	2.70	3.00	832	837	900
WV	530	520	500	1.80	1.80	1.90	954	936	950
WI	350	400	500	1.80	1.80	1.40	630	720	700
WY	550	450	550	1.10	1.00	1.40	605	450	770
US	39,564	41,019	39,764	1.92	1.86	2.03	76,062	76,453	80,816

¹ Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 6-5.—Hay, all: Area, yield, and production, by States, 2001–2003

State	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	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	920	825	780	2.60	2.20	2.60	2,392	1,815	2,028
AZ	258	275	275	7.22	7.40	7.86	1,862	2,034	2,162
AR	1,320	1,430	1,340	2.12	2.31	2.22	2,792	3,303	2,974
CA	1,560	1,750	1,570	5.63	5.59	5.93	8,775	9,774	9,310
CO	1,600	1,330	1,500	2.99	2.24	2.41	4,780	2,977	3,610
CT	63	62	60	1.86	1.98	2.20	117	123	132
DE	17	15	13	2.88	2.67	2.92	49	40	38
FL	270	280	255	2.80	2.80	2.50	756	784	638
GA	650	650	600	3.00	2.40	3.00	1,950	1,560	1,800
ID	1,420	1,490	1,500	3.48	3.55	3.30	4,938	5,288	4,950
IL	800	775	775	3.34	2.97	3.51	2,670	2,303	2,723
IN	610	600	650	3.36	2.70	3.25	2,048	1,620	2,110
IA	1,650	1,600	1,600	3.37	3.53	3.45	5,565	5,645	5,515
KS	3,300	3,250	3,250	2.42	2.14	2.15	7,980	6,965	7,000
KY	2,360	2,420	2,450	2.37	2.12	2.60	5,582	5,128	6,375
LA	450	420	380	2.80	2.50	2.90	1,260	1,050	1,102
ME	145	157	128	1.55	1.73	1.83	225	271	234
MD	225	220	195	2.32	2.39	2.76	522	526	539
MA	97	86	90	1.89	1.99	1.90	183	171	171
MI	1,150	1,100	1,050	3.14	3.23	2.97	3,610	3,551	3,120
MN	2,150	2,100	2,075	2.88	2.77	2.53	6,195	5,810	5,245
MS	780	750	750	2.50	2.50	2.50	1,950	1,875	1,875
MO	4,280	4,250	4,250	1.91	1.96	1.92	8,179	8,323	8,168
MT	2,650	2,600	2,450	1.88	1.75	1.89	4,990	4,540	4,635
NE	3,200	3,050	3,150	2.31	1.89	2.41	7,400	5,750	7,600
NV	495	485	440	3.20	3.13	3.25	1,584	1,519	1,429
NH	57	54	55	1.74	1.87	2.05	99	101	113
NJ	120	120	120	2.13	1.85	2.23	255	222	267
NM	370	360	300	4.17	4.17	4.27	1,542	1,500	1,281
NY	1,670	1,710	1,850	2.14	2.11	1.99	3,576	3,615	3,680
NC	710	750	778	2.22	1.81	2.61	1,578	1,354	2,030
ND	2,750	3,300	2,950	1.87	1.19	1.56	5,143	3,920	4,598
OH	1,390	1,320	1,350	2.88	2.58	2.94	4,007	3,400	3,974
OK	2,410	3,150	2,810	1.59	1.90	1.78	3,842	5,985	4,992
OR	1,025	1,115	1,115	2.98	3.13	3.25	3,052	3,493	3,629
PA	1,650	1,730	1,650	2.08	1.99	2.47	3,439	3,448	4,070
RI	9	8	8	1.78	2.13	2.13	16	17	17
SC	320	340	340	2.00	1.90	2.60	640	646	884
SD	4,700	3,850	4,300	1.95	1.25	1.68	9,150	4,815	7,210
TN	2,035	1,980	2,030	2.23	2.12	2.33	4,530	4,200	4,726
TX	5,040	5,450	5,240	2.08	2.46	2.36	10,486	13,410	12,388
UT	720	715	700	3.58	3.22	3.56	2,576	2,304	2,490
VT	240	240	235	1.67	2.00	2.00	400	480	470
VA	1,330	1,390	1,280	2.11	1.78	2.69	2,803	2,475	3,445
WA	790	820	810	3.91	4.07	4.45	3,088	3,336	3,603
WV	580	570	545	1.86	1.86	1.95	1,079	1,061	1,063
WI	2,050	2,050	2,100	2.38	2.60	2.09	4,880	5,340	4,380
WY	1,130	950	1,200	1.66	1.68	1.94	1,881	1,600	2,330
US	63,516	63,942	63,342	2.46	2.34	2.48	156,416	149,467	157,123

¹ Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-6.—Hay, all: Marketing year average price and value of production, by States, crop of 2001, 2002, and 2003

State	Marketing year average price per ton, baled ¹			Value of production ¹		
	2001	2002	2003	2001	2002	2003
	<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	55.00	57.00	58.00	131,560	100,320	117,624
AZ	99.00	99.50	95.50	183,273	202,289	205,487
AR	62.50	60.00	55.00	171,488	197,080	148,982
CA	115.00	95.50	91.00	1,018,989	912,462	842,310
CO	101.00	116.00	92.50	480,440	358,644	352,200
CT	147.00	143.00	144.00	17,244	16,465	18,952
DE	136.00	158.00	147.00	6,731	6,804	5,674
FL	96.00	97.00	90.00	72,576	76,048	57,420
GA	58.00	57.00	60.00	113,100	96,330	108,000
ID	116.00	95.00	87.00	565,014	527,492	425,910
IL	87.50	89.50	84.00	231,645	206,820	223,510
IN	90.00	131.00	102.00	176,088	189,000	201,680
IA	89.50	82.00	74.00	480,095	459,420	403,230
KS	89.00	87.50	72.50	641,130	591,080	469,200
KY	71.00	68.50	78.50	359,998	364,380	448,250
LA	51.00	45.00	51.00	64,260	50,625	56,202
ME	108.00	109.00	109.00	21,778	25,539	25,470
MD	134.00	156.00	150.00	70,250	79,128	80,977
MA	146.00	147.00	148.00	26,965	29,450	25,164
MI	70.50	84.50	89.00	266,740	309,875	288,400
MN	58.00	67.50	66.00	366,468	459,860	351,853
MS	44.00	41.50	42.50	85,800	77,813	79,688
MO	75.00	67.50	66.50	551,911	502,020	478,020
MT	94.00	82.50	76.50	412,598	375,060	351,158
NE	70.50	85.00	65.00	519,957	497,325	487,090
NV	114.00	102.00	97.50	180,165	155,771	138,596
NH	131.00	139.00	140.00	12,992	12,126	15,826
NJ	111.00	110.00	121.00	28,713	23,160	32,625
NM	124.00	140.00	144.00	195,994	234,884	185,584
NY	104.00	106.00	125.00	353,902	379,121	454,240
NC	72.00	81.50	66.00	113,460	92,100	134,380
ND	45.50	64.50	52.50	228,528	231,665	226,798
OH	87.00	113.00	126.00	365,370	405,720	498,433
OK	76.50	79.50	75.50	280,595	327,820	325,760
OR	112.00	100.00	105.00	333,626	339,333	365,694
PA	116.00	134.00	149.00	401,117	485,592	610,390
RI	145.00	143.00	143.00	2,034	2,149	2,465
SC	85.00	70.00	65.00	54,400	43,890	57,460
SD	65.50	78.00	66.50	574,725	362,640	451,870
TN	54.00	56.00	54.00	257,091	255,224	253,564
TX	75.00	77.00	87.50	743,891	930,400	810,997
UT	95.00	94.50	88.00	232,552	210,474	215,875
VT	111.00	112.00	111.00	44,480	53,550	52,150
VA	84.00	97.50	88.50	230,015	199,675	308,555
WA	120.00	111.00	111.00	375,328	377,734	414,321
WV	66.50	63.50	56.00	71,875	67,477	59,727
WI	55.00	70.00	60.50	276,495	373,050	277,540
WY	109.00	110.00	81.00	203,885	175,350	185,670
US	96.50	92.40	92.90	12,597,381	12,450,234	12,330,971

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.

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

Table 6-7.—Hay: Area and production, by kinds, United States, 1994-2003

Year	Area harvested			Production		
	Alfalfa	All other hay	All hay	Alfalfa	All other hay	All hay
	<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>
1994	24,138	34,677	58,815	81,130	69,006	150,136
1995	24,404	35,360	59,764	84,138	70,101	154,239
1996	24,206	36,963	61,169	79,139	70,640	149,779
1997	23,551	37,533	61,084	78,535	74,001	152,536
1998	23,592	36,414	60,006	81,992	69,395	151,387
1999	24,066	39,115	63,181	84,405	75,177	159,582
2000	23,463	36,892	60,355	81,520	72,083	153,603
2001	23,952	39,564	63,516	80,354	76,062	156,416
2002	22,923	41,019	63,942	73,014	76,453	149,467
2003 ¹	23,578	39,764	63,342	76,307	80,816	157,123

¹ Preliminary.

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

Table 6-8.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1994–2003¹

Year beginning May	Farm carryover May 1	Production	Total supply	Disappearance	Roughage-consuming animal units	Supply per animal unit	Disappearance per animal unit	Price received per ton
	Million tons	Million tons	Million tons	Million tons	Million units	Tons	Tons	Dollars
1994	22.1	150.1	172.2	151.4	78.0	2.21	1.94	86.70
1995	20.8	154.2	175.0	154.2	78.1	2.24	1.97	82.20
1996	20.8	149.8	170.5	152.8	76.4	2.23	2.00	95.80
1997	17.4	152.5	170.0	148.1	74.9	2.27	1.98	100.00
1998	21.8	151.8	173.6	148.8	74.5	2.33	2.00	84.60
1999	24.8	159.7	184.5	155.7	73.3	2.52	2.12	76.90
2000	28.8	151.9	181.0	159.6	72.5	2.49	2.20	84.60
2001	21.1	156.8	177.8	155.4	72.2	2.46	2.15	96.50
2002	22.5	151.0	173.5	151.3	72.0	2.41	2.10	92.4
2003 ²	22.2	157.1	179.3	NA	70.7	2.54	NA	NA

¹ Excludes trade. ² Preliminary. NA-not available.

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

Table 6-9.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1994–2003

Kind of seed	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	Price per 100 pounds									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, uncertified varieties	161.00	168.00	185.00	185.00	205.00	184.00	165.00	158.00	157.00	178.00
Alfalfa, certified varieties	266.00	274.00	277.00	282.00	288.00	287.00	277.00	278.00	280.00	286.00
Clover, ladino	321.00	320.00	318.00	307.00	308.00	298.00	285.00	285.00	280.00	305.00
Clover, red	148.00	134.00	172.00	184.00	194.00	178.00	143.00	132.00	130.00	144.00
Lespedeza, Korean	84.50	66.00	99.00	90.00	89.00	76.15	77.50	160.00	98.00	102.00
Lespedeza, Striate, Kobe	82.40	95.60	125.00	112.00	108.00	96.00	90.00	180.00	104.00	108.00
Lespedeza, Sericea	169.00	178.00	291.00	220.00	290.00	294.00	310.00	330.00	300.00	281.00
Timothy	76.00	71.00	76.00	73.00	71.20	78.80	115.00	105.00	90.00	107.00
Orchardgrass	161.00	148.00	141.00	119.00	116.00	107.00	108.00	135.00	143.00	147.00
Blue Grass, Kentucky: Public and common Proprietary, including Merion	211.00	159.00	172.00	153.00	152.00	129.00	158.00	140.00	155.00	159.00
Ryegrass, annual	274.00	228.00	243.00	224.00	216.00	204.00	214.00	220.00	225.00	228.00
Tall fescue	64.60	67.60	58.80	57.90	65.30	64.20	60.50	55.50	58.00	51.30
Sudangrass	71.50	88.10	109.00	148.00	101	99.50	91.00	114.00	106.00	92.60
Potatoes	47.90	51.80	51.90	51.40	53.70	52.20	53.00	53.00	56.00	55.30
Peanuts	10.20	7.90	10.30	7.60	9.10	8.50	10.45	8.50	10.90	10.80
Sunflower	86.90	79.50	82.00	81.75	83.60	80.90	81.70	82.60	82.10	55.90
Cottonseed, all	297.00	297.00	313.00	355.00	380.00	400.00	395.00	407.00	407.00	417.00
Biotech ¹	63.50	68.20	73.00	74.90	79.30	82.40	128.00	154.00	213.00	218.00
Non-biotech .....	.....	.....	.....	.....	.....	.....	.....	217.00	271.00	293.00
Grain sorghum, hybrid ..	82.10	78.70	84.00	92.00	96.00	97.60	93.00	93.00	87.00	107.00
	.....	.....	.....	.....	.....	.....	.....	.....	94.00	100.00
	.....	.....	.....	.....	.....	.....	.....	.....	96.00	.....
	Price per bushel									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Com, hybrid, all ²	73.40	77.10	77.70	83.50	86.90	88.10	87.50	92.20	92.00	102.00
Biotech ¹ .....	.....	.....	.....	.....	.....	.....	.....	110.00	113.00	115.00
Non-biotech .....	.....	.....	.....	.....	.....	.....	.....	85.30	85.80	90.90
Wheat (spring)	7.37	7.12	8.10	7.30	6.85	6.10	6.10	6.20	6.50	8.77
Wheat (winter)	7.90	7.80	8.50	10.00	8.25	7.35	7.05	7.20	7.70	8.01
Oats (spring)	4.69	4.51	5.19	5.32	5.02	4.60	4.50	4.70	5.35	7.05
Rice	22.00	15.10	17.50	19.00	19.50	19.10	17.25	15.70	14.90	14.90
Barley (spring)	5.18	5.37	6.49	6.13	6.04	5.80	5.80	5.80	5.80	6.90
Soybeans for seed, all ..	13.60	13.40	14.80	16.10	17.15	17.00	17.10	20.70	22.50	24.20
Biotech ¹ .....	.....	.....	.....	.....	.....	.....	.....	23.90	27.00	28.80
Non-biotech .....	.....	.....	.....	.....	.....	.....	.....	17.90	15.00	19.60
Flaxseed	7.74	8.00	8.14	9.31	10.00	8.50	7.90	7.60	7.60	9.96

¹ Biotech varieties are made to be resistant to herbicides, insects, or both. A technology fee is included within the price. ² Price per 80,000 kernels.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 6-10—Beans, dry edible (cleaned basis): Production, by classes, United States, 2001–2003¹

Class	2001	2002	2003
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Navy (pea beans)	2,311	5,389	2,514
Great northern	2,108	1,558	2,216
Small white	39	68	55
Pinto	8,750	13,188	10,437
Red kidney, light	776	1,207	1,111
Red kidney, dark	736	1,136	845
Pink	326	596	612
Small red	172	592	581
Cranberry	147	359	190
Black	783	3,120	1,263
Large lima (CA)	326	334	370
Baby lima (CA)	235	501	325
Blackeye	553	543	790
Small chickpeas (Garbanzo)			60
Large chickpeas (Garbanzo)			374
Chickpeas, all (Garbanzo)	1,612	861	434
Other	736	860	772
Total	19,610	30,312	22,515

¹ Excludes beans grown for garden seed.
NASS, Crops Branch, (202) 720-2127.

Table 6-11.—Beans, dry edible: Area, yield, and production, by States, 2001–2003¹

State	Area planted			Area harvested			Yield per acre (cleaned basis)			Production (cleaned basis)		
	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>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
CA	88.0	92.0	77.0	85.0	89.0	75.0	1,760	1,980	1,870	1,496	1,762	1,403
CO	115.0	92.0	80.0	105.0	70.0	73.0	1,700	2,170	1,600	1,785	1,519	1,168
ID	75.0	95.0	75.0	73.0	93.0	73.0	1,950	2,050	2,050	1,424	1,907	1,497
KS	16.0	21.0	12.0	15.0	17.5	11.0	1,850	1,600	2,100	277	280	231
MI	215.0	270.0	170.0	130.0	265.0	165.0	600	1,850	1,500	780	4,903	2,475
MN	115.0	170.0	115.0	105.0	155.0	110.0	1,500	1,720	1,700	1,575	2,666	1,870
MT	43.5	26.9	13.0	28.5	23.0	12.8	1,320	1,600	1,820	376	367	233
NE	160.0	185.0	155.0	148.0	165.0	148.0	2,150	2,100	2,130	3,185	3,465	3,151
NM	15.0	8.5	10.0	15.0	8.5	10.0	2,000	1,800	1,860	300	153	186
NY	23.0	25.0	25.0	22.3	24.5	24.0	870	1,360	1,860	194	333	446
ND	440.0	790.0	540.0	400.0	690.0	520.0	1,550	1,540	1,500	6,200	10,626	7,800
OR	10.0	9.8	7.0	9.5	8.5	6.0	1,810	1,720	1,650	172	146	99
SD	18.0	21.0	8.0	17.0	16.0	7.5	1,590	1,630	1,770	270	261	133
TX	30.0	37.5	50.0	26.4	32.5	44.0	1,320	970	1,170	348	315	513
UT	6.1	1.8	5.6	5.7	0.3	5.2	300	1,670	310	17	5	16
WA	34.0	44.5	27.5	34.0	44.5	27.5	1,700	1,870	1,910	578	830	525
WI	6.8	7.7	6.0	6.6	7.6	5.9	1,800	1,970	2,100	119	150	124
WY	27.0	32.0	30.0	24.0	29.0	29.0	2,140	2,150	2,220	514	624	645
US	1,437.4	1,929.7	1,406.1	1,250.0	1,738.9	1,346.9	1,569	1,743	1,672	19,610	30,312	22,515

¹ Excludes beans grown for garden seed.
NASS, Crops Branch, (202) 720-2127.

Table 6-12.—Beans, dry edible: Area, yield, production, price, and value, United States, 1994–2003¹

Year	Area planted	Area harvested	Yield per acre ²	Production ²	Marketing year average price per 100 pounds received by farmers ³	Value of production ³
	<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	2,011.8	1,831.2	1,581	28,950	22.50	631,080
1995	2,066.3	1,896.3	1,618	30,689	20.80	633,620
1996	1,839.0	1,750.7	1,594	27,912	23.50	652,240
1997	1,869.8	1,758.8	1,670	29,370	19.30	576,658
1998	2,014.1	1,917.7	1,586	30,418	19.00	567,243
1999	2,027.5	1,881.0	1,762	33,146	16.40	547,636
2000	1,767.7	1,616.5	1,642	26,543	15.50	413,986
2001	1,437.4	1,250.0	1,569	19,610	22.10	426,475
2002	1,929.7	1,738.9	1,743	30,312	17.10	513,793
2003	1,406.0	1,346.9	1,672	22,515	17.80	411,930

¹ Excludes beans grown for garden seed. ² Cleaned basis. 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 6-13.—Beans, dry edible (cleaned basis): Marketing year average price and value of production, by States, crop of 2001, 2002, and 2003¹

State	Marketing year average price per cwt. ²			Value of production ²		
	2001	2002	2003	2001	2002	2003
	<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	31.20	33.30	34.70	46,675	58,675	48,684
CO	23.60	17.70	17.50	42,126	26,886	20,440
ID	21.20	18.60	18.90	30,189	35,470	28,293
KS	18.00	17.00	18.00	4,662	2,720	4,158
MI	24.60	15.30	18.60	19,188	75,016	46,035
MN	24.30	16.00	19.50	38,273	39,600	36,465
MT	17.30	15.20	17.60	6,505	5,487	4,101
NE	18.50	18.60	17.00	58,923	64,449	53,567
NM	19.00	15.00	16.00	5,700	2,160	2,976
NY	24.70	22.20	22.40	4,792	7,393	9,990
ND	20.40	14.30	15.20	126,480	151,952	118,560
OR	20.50	18.40	18.40	3,526	2,889	1,822
SD	18.70	17.40	15.80	5,049	4,541	2,101
TX	20.00	20.00	20.00	6,960	6,300	10,260
UT	27.00	18.50	17.70	459	93	283
WA	20.80	19.90	19.80	12,022	16,318	10,395
WI	28.40	17.70	26.50	3,124	2,425	3,286
WY	23.00	18.30	16.30	11,822	11,419	10,514
US	22.10	17.10	17.80	426,475	513,793	411,930

¹ Excludes beans grown for garden seed. 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.

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

Table 6-14.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1993–2002

Year beginning September	F.o.b. California points			F.o.b. Northern Colorado points: Pinto	F.o.b. Western Nebraska points: Great northern	F.o.b. Southern Idaho points: Small red	F.o.b. Michigan points:		
	Baby lima	Large lima	Blackeye				Pea bean (Navy)	Black	Light red kidney
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1993	34.65	41.87	42.72	33.28	33.15	29.33	23.73	27.95	30.57
1994	33.81	44.67	40.18	21.32	37.18	28.19	31.63	32.60	28.77
1995	39.66	49.97	29.36	25.74	38.55	28.87	23.88	22.86	29.02
1996	45.58	57.09	32.57	27.56	26.61	39.31	23.11	27.08	37.76
1997	27.51	39.81	31.00	26.48	27.07	28.16	20.82	33.19	28.44
1998	41.27	46.80	37.52	20.89	25.84	27.54	26.33	28.56	32.40
1999	28.57	35.90	23.40	19.75	24.25	21.92	19.16	18.37	26.79
2000	26.26	34.56	25.95	21.02	23.20	24.33	16.43	18.33	25.32
2001	33.73	41.65	29.93	31.39	23.52	33.36	25.65	37.44	34.04
2002 ¹	32.45	42.45	34.30	23.00	26.15	28.75	17.85	18.90	29.55

¹ Preliminary.

ERS, Specialty Crops Branch, (202) 694-5253. Compiled from the Bean Market Summary, Agricultural Marketing Service, U.S. Department of Agriculture, Greeley, Colorado.

Table 6-15.—Beans, dry edible: United States exports by class and quantity, 1993/94–2002/2003

Year ¹	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other ²	Total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1993/94	68,274	16,368	1,481	64,235	33,388	93,478	277,224
1994/95	95,426	36,484	7,438	144,344	38,166	95,316	417,174
1995/96	86,464	28,291	1,126	82,062	32,380	98,920	329,244
1996/97	95,279	40,773	551	74,960	35,335	107,092	353,992
1997/98	107,669	50,201	1,338	96,256	33,605	150,203	439,271
1998/99	90,679	42,011	1,561	94,991	27,680	117,212	374,135
1999/2000	67,222	38,204	1,388	64,337	28,662	127,581	327,394
2000/2001	89,997	50,742	1,565	93,037	31,939	103,492	370,771
2001/2002	63,088	48,179	882	71,198	20,163	77,124	280,634
2002/2003	66,334	41,014	11,746	56,333	33,113	90,481	299,022

¹ Marketing year beginning September 1. ² Includes other colored, black, blackeye, and limas.
 FAS, Grain and Feed Division, (202) 720–6219. Compiled from reports of the U.S. Department of Commerce.

Table 6-16.—Beans, dry edible: United States exports to specified countries, 2000/2001–2002/2003^{1 2}

Country	2000/2001	2001/2002	2002/2003
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Mexico	90	60	62
United Kingdom	59	40	36
Iraq	0	0	34
Canada	22	14	24
Haiti	21	15	15
Japan	17	14	13
Zambia	0	0	11
France	14	8	8
Italy	15	6	8
South Africa, Republic of	0	2	7
Dominican Republic	10	16	7
Australia	4	4	6
Netherlands	7	1	5
Angola	12	10	5
Guatemala	6	6	4
Rwanda	2	2	4
Germany	2	1	4
Spain	5	6	4
Greece	6	6	3
Portugal	2	2	3
Other	78	68	36
Total	371	281	299

¹ Marketing year beginning September 1. ² Excluding seed bean exports. Compiled from U.S. Census data.
 FAS, Grain and Feed Division, (202) 720–6219.

Table 6-17.—Peas, dry field: United States exports to specified countries, 2000/2001–2002/2003^{1 2 3}

Country	2000/2001	2001/2002	2002/2003
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	10	31	42
Philippines	14	19	13
Kenya	3	2	8
Korea, Republic of	2	4	5
Spain	12	9	5
Uganda	0	3	3
Sudan	0	0	3
Peru	4	2	2
Burundi	0	0	2
India	13	9	2
Algeria	4	2	2
Korea, Democratic People's Republic	0	0	2
Angola	0	1	2
Japan	2	1	2
Somalia	0	0	1
Mauritania	0	0	1
Belgium-Luxembourg	0	0	1
South Africa, Republic of	0	2	1
Taiwan	2	2	1
Mexico	3	1	1
Other	34	22	15
Total	104	111	119

¹ Marketing year beginning September 1. ² Excluding seed pea exports. ³ Regional totals include countries not listed.
FAS, Grain and Feed Division, (202) 720-6219.

Table 6-18.—Hops: Area, yield, production, price, value, and Sept. 1 stocks, United States, 1994–2003

Year	Area harvested	Yield per acre	Production	Marketing year average price per pound received by farmers ¹	Value of production ¹	Stocks Sept. 1
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>
1994	42.4	1,758	74,560	181.0	134,701	63,000
1995	43.2	1,826	78,852	171.0	135,087	55,900
1996	44.2	1,698	74,971	165.0	123,530	58,700
1997	43.3	1,729	74,872	160.0	119,840	62,000
1998	36.6	1,625	59,548	169.0	100,728	55,000
1999	34.3	1,881	64,456	169.0	109,099	54,000
2000	36.1	1,871	67,577	187.0	126,217	48,000
2001	35.9	1,861	66,832	185.0	123,843	54,000
2002	29.3	1,990	58,337	191.0	111,546	65,000
2003 ²	28.7	1,903	54,565	190.0	103,727	69,000

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 6-19.—Hops: 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
	<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 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
ID	3,469	3,399	3,429	1,329	1,624	1,536	4,609.3	5,519.6	5,266.3
OR	6,103	5,577	5,748	1,875	1,692	1,626	11,443.2	9,438.0	9,347.6
WA	26,339	20,333	19,492	1,928	2,133	2,050	50,779.6	43,379.0	39,951.2
US	35,911	29,309	28,669	1,861	1,990	1,903	66,832.1	58,336.6	54,565.1

¹ Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 6-20.—Hops: Marketing year average price and value of production, by States, crop of 2001, 2002, and 2003 ¹

State	Marketing year average price per pound			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>
ID	1.59	1.58	1.62	7,329	8,721	8,531
OR	2.15	2.07	2.32	24,603	19,537	21,686
WA	1.81	1.92	1.84	91,911	83,288	73,510
Total	1.85	1.91	1.90	123,843	111,546	103,727

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 6-21.—Hops: United States exports by country of destination and imports by country of origin, 2000/2001–2002/2003

Item and country	Year beginning September		
	2000/2001	2001/2002	2002/2003
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Exports			
North America:			
Canada	821	691	1,010
Mexico	1,080	995	949
Total	1,901	1,686	1,958
European Union:			
Belgium-Luxembourg	1,163	755	1,214
Germany	1,490	684	1,086
United Kingdom	318	727	651
Netherlands	315	149	234
Finland	3	5	22
Other Countries	315	164	134
Total	3,602	2,483	3,341
Asia:			
Japan	530	511	443
Philippines	121	69	98
Thailand	155	165	271
Hong Kong	318	182	286
Other Countries	429	416	471
Total	1,552	1,342	1,568
Latin America:			
Brazil	1,369	978	1,212
Colombia	237	410	313
Argentina	218	155	117
Venezuela	309	323	90
Other Countries	183	160	194
Total	2,315	2,026	1,924
Other countries:			
Russian Federation	135	156	147
Australia	127	162	86
Other Countries	1,032	621	1,239
Total	1,294	939	1,472
Grand total	10,550	8,357	9,614
Imports			
Eastern Europe:			
Czech Republic	37	82	42
Poland	5	18	15
Slovenia	0	0	0
Total	42	99	57
European Union:			
Belgium-Luxembourg	13	1	37
France	1,051	981	1,003
German	2,149	2,618	2,537
Spain	0	0	236
United Kingdom	120	171	156
Total	3,332	3,770	3,968
Oceania:			
Australia	441	255	434
New Zealand	276	20	93
Total	717	275	527
Other Asia:			
China, Peoples Rep.	0	0	415
Total	0	8	415
Grand total	4,091	4,151	4,966